

Publications

All publications listed are from June 2022.

Internal Medicine

Cardiovascular Medicine

1. Otaki Y, Singh A, Kavanagh P, Miller RJH, Parekh T, Tamarappoo BK, Sharir T, Einstein AJ, Fish MB, Ruddy TD, Kaufmann PA, **Sinusas AJ, Miller EJ**, Bateman TM, Dorbala S, Di Carli M, Cadet S, Liang JX, Dey D, Berman DS, Slomka PJ. [Clinical Deployment of Explainable Artificial Intelligence of SPECT for Diagnosis of Coronary Artery Disease](#). JACC. Cardiovascular Imaging 2022, 15(6): 1091-1102. doi: 10.1016/j.jcmg.2021.04.030. PMID: 34274267. PMCID: PMC9020794.
2. Bisdas T, Patelis N, Argyrakopoulou G, Tsiachris D, Kurtis A, Gargalianos-Kakoliris P, **Stefanadis C**. [Limb Salvage in Patients With Severe Critical Limb Ischemia \(CLI\) After Referral for a Second Opinion to a Dedicated CLI Center](#). The International Journal Of Lower Extremity Wounds 2022, 21(2): 174-181. doi: 10.1177/1534734620933069. PMID: 32594790.
3. Fox AN, Liapakis A, Batra R, Bittermann T, Emamaullee J, Emre S, Genyk Y, Han H, Jackson W, Pomfret E, **Raza M**, Rodriguez-Davalos M, Rubman Gold S, Samstein B, Shenoy A, Taner T, Roberts JP. [The use of nondirected donor organs in living donor liver transplantation: Perspectives and guidance](#). Hepatology (Baltimore, Md.) 2022, 75(6): 1579-1589. doi: 10.1002/hep.32260. PMID: 34859474.
4. Psutka SP, Gulati R, Jewett MAS, Fadaak K, Finelli A, Legere L, Morgan TM, Pierorazio PM, Allaf ME, **Herrin J**, Lohse CM, Houston Thompson R, Boorjian SA, Atwell TD, Schmit GD, Costello BA, Shah ND, Leibovich BC. [A Clinical Decision Aid to Support Personalized Treatment Selection for Patients with Clinical T1 Renal Masses: Results from a Multi-institutional Competing-risks Analysis](#). European Urology 2022, 81(6): 576-585. doi: 10.1016/j.eururo.2021.11.002. PMID: 34862099.
5. Pathak GA, De Lillo A, Wendt FR, De Angelis F, Koller D, Cabrera Mendoza B, **Jacoby D, Miller EJ**, Buxbaum JN, Polimanti R. [The integration of genetically-regulated transcriptomics and electronic health records highlights a pattern of medical outcomes related to increased hepatic transthyretin expression](#). Amyloid : The International Journal Of Experimental And Clinical Investigation : The Official Journal Of The International Society Of Amyloidosis 2022, 29(2): 110-119. doi: 10.1080/13506129.2021.2018678. PMID: 34935565.
6. Baker AD, Schwamm LH, Sanborn DY, Furie K, Stretz C, Mac Groy B, Yaghi S, Kleindorfer D, Sucharew H, Mackey J, Walsh K, Flaherty M, Kissela B, Alwell K, Khoury J, Khatri P, Adeoye O, Ferioli S, Woo D, Martini S, De Los Rios La Rosa F, Demel SL, Madsen T, Star M, Coleman E, Slavin S, Jasne A, Mistry EA, Haverbusch M, Merkler AE, Kamel H, Schindler J, Sansing LH, **Faridi KF, Sugeng L**, Sheth KN, Sharma R. [Acute Ischemic Stroke, Depressed Left Ventricular Ejection Fraction, and Sinus Rhythm: Prevalence and Practice Patterns](#). Stroke; A Journal Of Cerebral Circulation 2022, 53(6): 1883-1891. doi: 10.1161/STROKEAHA.121.036706. PMID: 35086361.
7. **Smolderen KG**, Heath K, Scherr T, Bauzon SR, Howell AN, **Mena-Hurtado C**. [The Nevada peripheral artery disease screening effort in a Medicare Advantage population and subsequent mortality and major adverse cardiovascular event risk](#). Journal Of Vascular Surgery 2022, 75(6): 2054-2064.e3. doi: 10.1016/j.jvs.2022.01.134. PMID: 35181520.

8. Owens AT, Sutton MB, Gao W, Fine JT, Xie J, Naidu SS, **Desai NR**. [Treatment Changes, Healthcare Resource Utilization, and Costs Among Patients with Symptomatic Obstructive Hypertrophic Cardiomyopathy: A Claims Database Study](#). *Cardiology And Therapy* 2022, 11(2): 249-267. doi: 10.1007/s40119-022-00257-7. PMID: 35230625.
9. O'Neill WW, Anderson M, Burkhoff D, Grines CL, Kapur NK, **Lansky AJ**, Mannino S, McCabe JM, Alaswad K, Daggubati R, Wohns D, Meraj PM, Pinto DS, Popma JJ, Moses JW, Schreiber TL, Magnus Ohman E. [Improved outcomes in patients with severely depressed LVEF undergoing percutaneous coronary intervention with contemporary practices](#). *American Heart Journal* 2022, 248: 139-149. doi: 10.1016/j.ahj.2022.02.006. PMID: 35192839.
10. Spence JD, Viscoli C, Kernan WN, **Young LH**, Furie K, DeFronzo R, Abdul-Ghani M, Dandona P, Inzucchi SE. [Efficacy of lower doses of pioglitazone after stroke or transient ischaemic attack in patients with insulin resistance](#). *Diabetes, Obesity & Metabolism* 2022, 24(6): 1150-1158. doi: 10.1111/dom.14687. PMID: 35253334.
11. Essa M, Ghajar A, Delago A, Hammond-Haley M, Shalhoub J, Marshall D, Saliccioli JD, **Sugeng L**, Philips B, **Faridi KF**. [Demographic and State-Level Trends in Mortality Due to Ischemic Heart Disease in the United States from 1999 to 2019](#). *The American Journal Of Cardiology* 2022, 172: 1-6. doi: 10.1016/j.amjcard.2022.02.016. PMID: 35317929.
12. Goldstein DW, Hajduk AM, Song X, Tsang S, Geda M, McClurken JB, Tinetti ME, **Krumholz HM**, Chaudhry SI. [Reply to: "Comment on: Falls in older adults after hospitalization for acute myocardial infarction"](#). *Journal Of The American Geriatrics Society* 2022, 70(6): 1880-1881. doi: 10.1111/jgs.17742. PMID: 35332528.
13. Li H, **Wang Y**, Oprea AD, Li J. [Postdural Puncture Headache-Risks and Current Treatment](#). *Current Pain And Headache Reports* 2022, 26(6): 441-452. doi: 10.1007/s11916-022-01041-x. PMID: 35353358.
14. **Mani A**. [PDE4DIP in health and diseases](#). *Cellular Signalling* 2022, 94: 110322. doi: 10.1016/j.cellsig.2022.110322. PMID: 35346821.
15. Rios R, Miller RJH, Manral N, Sharir T, Einstein AJ, Fish MB, Ruddy TD, Kaufmann PA, **Sinusas AJ**, **Miller EJ**, Bateman TM, Dorbala S, Di Carli M, Van Krieking SD, Kavanagh PB, Parekh T, Liang JX, Dey D, Berman DS, Slomka PJ. [Handling missing values in machine learning to predict patient-specific risk of adverse cardiac events: Insights from REFINE SPECT registry](#). *Computers In Biology And Medicine* 2022, 145: 105449. doi: 10.1016/j.compbimed.2022.105449. PMID: 35381453. PMCID: PMC9117456.
16. Alkhouli M, Du C, Killu A, Simard T, Noseworthy PA, Friedman PA, **Curtis JP**, **Freeman JV**, Holmes DR. [Clinical Impact of Residual Leaks Following Left Atrial Appendage Occlusion: Insights From the NCDR LAAO Registry](#). *JACC. Clinical Electrophysiology* 2022, 8(6): 766-778. doi: 10.1016/j.jacep.2022.03.001. PMID: 35387751.
17. Al-Damluji MS, **Smolderen KG**, Meng C, Dai F, **Nanna MG**, **Sumpio B**, Henke P, **Mena-Hurtado C**. [Frailty and outcomes following revascularization of lower-extremity peripheral artery disease: Insights from the Vascular Quality Initiative \(VQI\)](#). *Vascular Medicine (London, England)* 2022, 27(3): 251-257. doi: 10.1177/1358863X221083701. PMID: 35485400.
18. **Ahmad Y**, **Lansky AJ**, **Velazquez EJ**. [Current Landscape and Future Directions of Coronary Revascularization in Patients With Heart Failure](#). *JAMA Cardiology* 2022, 7(6): 577-578. doi: 10.1001/jamacardio.2022.0659. PMID: 35476046.

19. **Wang Y**, Leifheit EC, **Krumholz HM**. [Trends in 10-Year Outcomes Among Medicare Beneficiaries Who Survived an Acute Myocardial Infarction](#). JAMA Cardiology 2022, 7(6): 613-622. doi: 10.1001/jamacardio.2022.0662. PMID: 35507330. PMCID: PMC9069341.
20. Bikdeli B, Piazza G, Jimenez D, Muriel A, **Wang Y**, Khairani CD, Rosovsky RP, Mehdipoor G, O'Donoghue ML, Spagnolo P, Dreyer RP, Bertolotti L, López-Jiménez L, Núñez MJ, Blanco-Molina Á, Bates SM, Gerhard-Herman M, Goldhaber SZ, Monreal M, **Krumholz HM**. [Sex Differences in PrEsentation, Risk Factors, Drug and Interventional Therapies, and OUtcomes of Elderly Patients with Pulmonary Embolism: Rationale and design of the SERIOUS-PE study](#). Thrombosis Research 2022, 214: 122-131. doi: 10.1016/j.thromres.2022.04.019. PMID: 35537232.
21. Angraal S, Hejjaji V, Tang Y, Gosch KL, Patel MR, Heyligers J, White CJ, Tutein Nolthenius R, **Mena-Hurtado C**, Aronow HD, Moneta GL, Fitrudge R, Soukas PA, Abbott JD, Secemsky EA, Spertus JA, **Smolderen KG**. [One-Year Health Status Outcomes Following Early Invasive and Noninvasive Treatment in Symptomatic Peripheral Artery Disease](#). Circulation. Cardiovascular Interventions 2022, 15(6): e011506. doi: 10.1161/CIRCINTERVENTIONS.121.011506. PMID: 35579010.
22. **Lu Y**, Elwyn G, Moulton BW, Volk RJ, Frosch DL, **Spatz ES**. [Shared Decision-making in the U.S.: Evidence exists, but implementation science must now inform policy for real change to occur](#). Zeitschrift Fur Evidenz, Fortbildung Und Qualitat Im Gesundheitswesen 2022, 171: 144-149. doi: 10.1016/j.zefq.2022.04.031. PMID: 35599230.
23. Guo W, Du X, Gao Y, Hu S, **Lu Y**, Dreyer RP, Li X, **Spatz ES**, Masoudi FA, **Krumholz HM**, Zheng X. [Sex Differences in Characteristics, Treatments, and Outcomes Among Patients Hospitalized for Non-ST-Segment-Elevation Myocardial Infarction in China: 2006 to 2015](#). Circulation. Cardiovascular Quality And Outcomes 2022, 15(6): e008535. doi: 10.1161/CIRCOUTCOMES.121.008535. PMID: 35607994.
24. Amatruda JG, Scherzer R, **Rao VS**, Ivey-Miranda JB, Shlipak MG, Estrella MM, **Testani JM**. [Renin-Angiotensin-Aldosterone System Activation and Diuretic Response in Ambulatory Patients With Heart Failure](#). Kidney Medicine 2022, 4(6): 100465. doi: 10.1016/j.xkme.2022.100465. PMID: 35620081. PMCID: PMC9127684.
25. Sandhu RK, Seiler A, Johnson CJ, Bunch TJ, Deering TF, Deneke T, Kirchhof P, Natale A, Piccini JP, Russo AM, Hills MT, Varosy PD, Araia A, Smith AM, **Freeman J**. [Heart Rhythm Society Atrial Fibrillation Centers of Excellence Study: A survey analysis of stakeholder practices, needs, and barriers](#). Heart Rhythm : The Official Journal Of The Heart Rhythm Society 2022, 19(6): 1039-1048. doi: 10.1016/j.hrthm.2022.02.022. PMID: 35428582.
26. Bikdeli B, Zahedi Tajrishi F, Sadeghipour P, Talasaz AH, Fanikos J, Lippi G, Siegal DM, Eikelboom JW, Monreal M, Jimenez D, Connors JM, Ageno W, Barnes GD, Piazza G, Angiolillo DJ, Parikh SA, Kirtane AJ, Lopes RD, Bhatt DL, Weitz JI, Mehran R, **Krumholz HM**, Goldhaber SZ, Lip GYH. [Efficacy and Safety Considerations With Dose-Reduced Direct Oral Anticoagulants: A Review](#). JAMA Cardiology 2022 doi: 10.1001/jamacardio.2022.1292. PMID: 35648414.
27. **Hull SC**. [Patient Communication: Take the Time to Do it Right](#). JACC. Heart Failure 2022, 10(6): 439-440. doi: 10.1016/j.jchf.2022.03.008. PMID: 35654528.
28. Chang RS, **Hu JR**, Kagetsu NJ. [Acknowledge Racism in Academic Medicine: Addressing and Preventing Attacks on Asian Americans and Pacific Islanders](#). Academic Medicine : Journal Of The Association Of American Medical Colleges 2022, 97(6): 766-767. doi: 10.1097/ACM.0000000000004647. PMID: 35703904.

29. Tamarappoo BK, Otaki Y, Sharir T, Hu LH, Gransar H, Einstein AJ, Fish MB, Ruddy TD, Kaufmann P, **Sinusas AJ, Miller EJ**, Bateman TM, Dorbala S, Di Carli M, Eisenberg E, Liang JX, Dey D, Berman DS, Slomka PJ. [Differences in Prognostic Value of Myocardial Perfusion Single-Photon Emission Computed Tomography Using High-Efficiency Solid-State Detector Between Men and Women in a Large International Multicenter Study](#). *Circulation. Cardiovascular Imaging* 2022, 15(6): e012741. doi: 10.1161/CIRCIMAGING.121.012741. PMID: 35727872.
30. Mosher CL, **Nanna MG**, Jawitz OK, Raman V, Farrow NE, Aleem S, Casaburi R, MacIntyre NR, Palmer SM, Myers ER. [Cost-effectiveness of Pulmonary Rehabilitation Among US Adults With Chronic Obstructive Pulmonary Disease](#). *JAMA Network Open* 2022, 5(6): e2218189. doi: 10.1001/jamanetworkopen.2022.18189. PMID: 35731514.
31. **Ahmad Y**, Makkar R, Sondergaard L. [Hypoattenuated leaflet thickening \(HALT\) and reduced leaflet motion \(RELM\) of aortic bioprostheses: An imaging finding or a complication?](#) *Progress In Cardiovascular Diseases* 2022 doi: 10.1016/j.pcad.2022.05.007. PMID: 35675882.
32. **Ahmad Y**, Madhavan MV, Stone GW, Francis DP, Makkar R, Bhatt DL, Howard JP. [Sodium-glucose cotransporter 2 inhibitors in patients with heart failure: a systematic review and meta-analysis of randomized trials](#). *European Heart Journal. Quality Of Care & Clinical Outcomes* 2022, 8(4): 383-390. doi: 10.1093/ehjqcco/qcab072. PMID: 34617565.
33. **Cacheux M, Akar FG**. [A novel exosome-based therapy for post-MI arrhythmias](#). *European Heart Journal* 2022, 43(22): 2157-2159. doi: 10.1093/eurheartj/ehac155. PMID: 35325140.
34. Damsky W, Wang A, Kim DJ, **Young BD**, Singh K, Murphy MJ, Daccache J, Clark A, Ayasun R, Ryu C, McGeary MK, Odell ID, Fazzone-Chettiar R, Pucar D, Homer R, Gulati M, **Miller EJ**, Bosenberg M, Flavell RA, King B. [Inhibition of type 1 immunity with tofacitinib is associated with marked improvement in longstanding sarcoidosis](#). *Nature Communications* 2022, 13(1): 3140. doi: 10.1038/s41467-022-30615-x. PMID: 35668129.
35. Ghazi L, Yamamoto Y, Riello RJ, Coronel-Moreno C, Martin M, O'Connor KD, Simonov M, Huang J, Olufade T, McDermott J, Dhar R, Inzucchi SE, **Velazquez EJ**, Wilson FP, **Desai NR, Ahmad T**. [Electronic Alerts to Improve Heart Failure Therapy in Outpatient Practice: A Cluster Randomized Trial](#). *Journal Of The American College Of Cardiology* 2022, 79(22): 2203-2213. doi: 10.1016/j.jacc.2022.03.338. PMID: 35385798.
36. **Chakraborty R, Ostriker AC, Xie Y, Dave JM**, Gamez-Mendez A, **Chatterjee P**, Abu Y, Valentine J, Lezon-Geyda K, **Greif DM**, Schulz VP, Gallagher PG, Sessa WC, **Hwa J, Martin KA**. [Histone Acetyltransferases p300 and CBP Coordinate Distinct Chromatin Remodeling Programs in Vascular Smooth Muscle Plasticity](#). *Circulation* 2022, 145(23): 1720-1737. doi: 10.1161/CIRCULATIONAHA.121.057599. PMID: 35502657.
37. **Rosenfeld LE, Maulion C**. [Defibrillators in heart transplant patients: Not always a shockingly good choice](#). *Journal Of Cardiovascular Electrophysiology* 2022 doi: 10.1111/jce.15587. PMID: 35671360.
38. Miller RJH, Hauser MT, Sharir T, Einstein AJ, Fish MB, Ruddy TD, Kaufmann PA, **Sinusas AJ, Miller EJ**, Bateman TM, Dorbala S, Di Carli M, Huang C, Liang JX, Han D, Dey D, Berman DS, Slomka PJ. [Machine learning to predict abnormal myocardial perfusion from pre-test features](#). *Journal Of Nuclear Cardiology : Official Publication Of The American Society Of Nuclear Cardiology* 2022 doi: 10.1007/s12350-022-03012-6. PMID: 35672567.
39. Sagris M, Katsaros I, Giannopoulos S, **Rosenberg RD**, Altin SE, Rallidis L, **Mena-Hurtado C**, Armstrong EJ, **Kokkinidis DG**. [Statins and statin intensity in peripheral artery disease](#). *VASA. Zeitschrift Fur Gefasskrankheiten* 2022 doi: 10.1024/0301-1526/a001012. PMID: 35673949.

40. **Lu Y**, Jones PW, **Murugiah K**, **Caraballo C**, Mahajan S, Massey DS, Ahmed R, **Bader EM**, **Krumholz HM**. [Cardiac Status Among Heart Failure Patients with Implantable Cardioverter Defibrillators Before, During, and After COVID-19 Lockdown](#). Journal Of Cardiac Failure 2022 doi: 10.1016/j.cardfail.2022.05.012. PMID: 35690314.
41. Abdel-Qadir H, Akioyamen LE, Fang J, Pang A, Ha ACT, Jackevicius CA, Alter DA, Austin PC, Atzema CL, Bhatia RS, Booth GL, Johnston S, Dhalla I, Kapral MK, **Krumholz HM**, McNaughton CD, Roifman I, Tu K, Udell JA, Wijeyesundera HC, Ko DT, Schull MJ, Lee DS. [Association of Neighborhood-Level Material Deprivation With Atrial Fibrillation Care in a Single-Payer Health Care System: A Population-Based Cohort Study](#). Circulation 2022, 101161CIRCULATIONAHA122058949. doi: 10.1161/CIRCULATIONAHA.122.058949. PMID: 35678171.
42. **Khera R**, Schuemie MJ, **Lu Y**, Ostropolets A, Chen R, Hripcsak G, Ryan PB, **Krumholz HM**, Suchard MA. [Large-scale evidence generation and evaluation across a network of databases for type 2 diabetes mellitus \(LEGEND-T2DM\): a protocol for a series of multinational, real-world comparative cardiovascular effectiveness and safety studies](#). BMJ Open 2022, 12(6): e057977. doi: 10.1136/bmjopen-2021-057977. PMID: 35680274.
43. Kim TI, Satam KK, **Blume PA**, Guzman RJ, Ochoa Chara CI. [Endovascular revascularization of an occluded persistent sciatic artery for chronic limb-threatening ischemia in a patient with COVID-19](#). Journal Of Vascular Surgery Cases And Innovative Techniques 2022 doi: 10.1016/j.jvscit.2022.04.014. PMID: 35702315. PMCID: PMC9181001.
44. Shao P, Li H, Shi R, Li J, **Wang Y**. [Understanding fascial anatomy and interfascial communication: implications in regional anesthesia](#). Journal Of Anesthesia 2022 doi: 10.1007/s00540-022-03082-3. PMID: 35697947.
45. **Thorn SL**, Shuman JA, **Stacy MR**, Purcell BP, Doviak H, Burdick JA, Spinale FG, **Sinusas AJ**. [Matrix Metalloproteinase-Targeted SPECT/CT Imaging for Evaluation of Therapeutic Hydrogels for the Early Modulation of Post-Infarct Myocardial Remodeling](#). Journal Of Cardiovascular Translational Research 2022 doi: 10.1007/s12265-022-10280-7. PMID: 35697979.
46. Collora JA, Liu R, Pinto-Santini D, **Ravindra N**, Ganoza C, Lama JR, Alfaro R, Chiarella J, Spudich S, Mounzer K, Tebas P, Montaner LJ, **van Dijk D**, Duerr A, Ho YC. Single-cell multiomics reveals persistence of HIV-1 in expanded cytotoxic T cell clones. Immunity 2022, 55(6): 1013-1031.e7. doi: 10.1016/j.immuni.2022.03.004. PMID: 35320704.
47. **Lee HW**, Shin JH, **Simons M**. [Flow goes forward and cells step backward: endothelial migration](#). Experimental & Molecular Medicine 2022 doi: 10.1038/s12276-022-00785-1. PMID: 35701563.
48. **Murugiah K**, Chen L, Dreyer RP, Bouras G, Safdar B, **Lu Y**, **Spatz ES**, Gupta A, **Khera R**, Ng VG, Bueno H, Tweet MS, Spertus JA, Hayes SN, **Lansky A**, **Krumholz HM**. [Depression and Perceived Stress After Spontaneous Coronary Artery Dissection and Comparison With Other Acute Myocardial Infarction \(the VIRGO Experience\)](#). The American Journal Of Cardiology 2022, 173: 33-38. doi: 10.1016/j.amjcard.2022.03.005. PMID: 35365290.
49. Weissler EH, **Wang Y**, Gales JM, Feldman DN, Arya S, Secemsky EA, Aronow HD, Hawkins BM, Gutierrez JA, Patel MR, **Curtis JP**, Jones WS, Swaminathan RV. Cardiovascular and Limb Events Following Endovascular Revascularization Among Patients ≥ 65 Years Old: An American College of Cardiology PVI Registry Analysis. Journal Of The American Heart Association 2022, e024279. doi: 10.1161/JAHA.121.024279. PMID: 35723018.
50. Ortiz-Leon XA, **Posada-Martinez EL**, Trejo-Paredes MC, Ivey-Miranda JB, Pereira J, Crandall I, DaSilva P, Bouman E, Brooks A, Gerardi C, Houle H, **Hur DJ**, Lin BA, **McNamara RL**, **Lombo-Lievano**

- B, Akar JG**, Arias-Godinez JA, **Sugeng L**. [Tricuspid and mitral remodelling in atrial fibrillation: a three-dimensional echocardiographic study](#). *European Heart Journal Cardiovascular Imaging* 2022, 23(7): 944-955. doi: 10.1093/ehjci/jeac045. PMID: 35243501.
51. **Chou JC**. [Hypertensive Disorders of Pregnancy and Cardiovascular Risk: We Are Missing the Opportunity of a Lifetime](#). *Journal Of The American College Of Cardiology* 2022, 79(24): 2412-2414. doi: 10.1016/j.jacc.2022.04.013. PMID: 35710192.
 52. Ramsey CM, **Gaffey AE**, Brandt CA, Haskell SG, Masheb RM. [Depression, Insomnia, and Obesity Among Post-9/11 Veterans: Eating Pathology as a Distinct Health Risk Behavior](#). *Military Medicine* 2022 doi: 10.1093/milmed/usac165. PMID: 35726626.
 53. **Avendaño R, Lavi N, Rosenfeld LE**. [Around and Around...A Wide Complex Tachycardia](#). *Circulation* 2022, 145(25): 1867-1869. doi: 10.1161/CIRCULATIONAHA.122.060648. PMID: 35728056.
 54. Bressi E, Crawford TC, Bogun FM, Gu X, Ellenbogen KA, Chicos AB, Roukoz H, Zimetbaum PJ, Kalbfleisch SJ, Murgatroyd FD, Steckman DA, **Rosenfeld LE**, Garlitski AC, Soejima K, Bhan AK, Vedantham V, Dickfeld TM, De Lurgio DB, Platonov PG, Zipse MM, Nishiuchi S, Ortman ML, Narasimhan C, Patton KK, Rosenthal DG, Mukerji SS, Hoogendoorn JC, Zeppenfeld K, Sauer WH, Kron J. [Arrhythmia Monitoring and Outcomes in Patients With Cardiac Sarcoidosis: Insights From the Cardiac Sarcoidosis Consortium](#). *Journal Of The American Heart Association* 2022, e024924. doi: 10.1161/JAHA.121.024924. PMID: 35730638.
 55. Zhang X, Rotllan N, Canfrán-Duque A, Sun J, **Toczek J**, Moshnikova A, Malik S, Price NL, Araldi E, Zhong W, **Sadeghi MM**, Andreev OA, Bahal R, Reshetnyak YK, Suárez Y, Fernández-Hernando C. [Targeted Suppression of miRNA-33 Using pHLIP Improves Atherosclerosis Regression](#). *Circulation Research* 2022, 131(1): 77-90. doi: 10.1161/CIRCRESAHA.121.320296. PMID: 35534923.
 56. Rome D, Sales A, Leeds R, Usseglio J, Cornelius T, Monk C, **Smolderen KG**, Moise N. [A Narrative Review of the Association Between Depression and Heart Disease Among Women: Prevalence, Mechanisms of Action, and Treatment](#). *Current Atherosclerosis Reports* 2022 doi: 10.1007/s11883-022-01048-0. PMID: 35751731.
 57. **Faridi KF**, Dayoub EJ, Ross JS, Dhruva SS, **Ahmad T, Desai NR**. Medicare Coverage and Out-of-Pocket Costs of Quadruple Drug Therapy for Heart Failure. *Journal Of The American College Of Cardiology* 2022, 79(25): 2516-2525. doi: 10.1016/j.jacc.2022.04.031. PMID: 35738713.
 58. **Zhu X**, Qiu C, **Wang Y**, Jiang Y, Chen Y, Fan L, Ren R, **Wang Y**, Chen Y, Feng Y, Zhou X, Zhu Y, Ge Z, Lai D, Qin L, **Simons M**, Yu L. [FGFR1 SUMOylation coordinates endothelial angiogenic signaling in angiogenesis](#). *Proceedings Of The National Academy Of Sciences Of The United States Of America* 2022, 119(26): e2202631119. doi: 10.1073/pnas.2202631119. PMID: 35733256.

Digestive Diseases

1. Fox AN, **Liapakis A**, Batra R, Bittermann T, Emamaullee J, Emre S, Genyk Y, Han H, Jackson W, Pomfret E, Raza M, Rodriguez-Davalos M, Rubman Gold S, Samstein B, Shenoy A, Taner T, Roberts JP. [The use of nondirected donor organs in living donor liver transplantation: Perspectives and guidance](#). *Hepatology (Baltimore, Md.)* 2022, 75(6): 1579-1589. doi: 10.1002/hep.32260. PMID: 34859474.
2. **Proctor DD**. [Concise Commentary: Ill Preparation for Managing Liver Illness Among Incoming Medical Residents](#). *Digestive Diseases And Sciences* 2022, 67(6): 2086. doi: 10.1007/s10620-021-07195-9. PMID: 34365538.

3. Serper M, Kaplan DE, Lin M, **Taddei TH**, Parikh ND, Werner RM, Tapper EB. [Inpatient Gastroenterology Consultation and Outcomes of Cirrhosis-Related Hospitalizations in Two Large National Cohorts](#). Digestive Diseases And Sciences 2022, 67(6): 2094-2104. doi: 10.1007/s10620-021-07150-8. PMID: 34374917.
4. Lerch JM, Pai RK, Brown I, Gill AJ, **Jain D**, Kóvári B, Kushima R, Sheahan K, Slavik T, Srivastava A, Lauwers GY, Langner C. [Interobserver agreement of estimating the extent of intestinal metaplasia in patients with chronic atrophic gastritis](#). Virchows Archiv : An International Journal Of Pathology 2022, 480(6): 1277-1281. doi: 10.1007/s00428-021-03245-9. PMID: 34904185.
5. Giner-Calabuig M, De Leon S, Wang J, Fehlmann TD, Ukaegbu C, Gibson J, Alustiza-Fernandez M, Pico MD, Alenda C, Herraiz M, Carrillo-Palau M, Salces I, Reyes J, Ortega SP, Obrador-Hevia A, Cecchini M, Syngal S, Stoffel E, Ellis NA, Sweasy J, Jover R, **Llor X, Xicola RM**. [Mutational signature profiling classifies subtypes of clinically different mismatch-repair-deficient tumours with a differential immunogenic response potential](#). British Journal Of Cancer 2022, 126(11): 1595-1603. doi: 10.1038/s41416-022-01754-1. PMID: 35197584.
6. **Ogurick AG**, Magier SJ, **Hughes ML**. [Quality Improvement During Gastroenterology Fellowship: The Experience of Improving Inpatient Post-endoscopy Communication](#). Digestive Diseases And Sciences 2022, 67(6): 1932-1936. doi: 10.1007/s10620-022-07436-5. PMID: 35239095.
7. Pan CQ, Jacobson IM, Martin P, Kwo P, **Lim J**, Han SB, Hu KQ, Ahn J, Tong MJ. [Letter to the editor: Both universal screening and vaccination are essential components of a multipronged approach to hepatitis B elimination](#). Hepatology (Baltimore, Md.) 2022, 75(6): 1664-1666. doi: 10.1002/hep.32366. PMID: 35092080.
8. **Strazzabosco M**, Cabibbo G, Colombo M. [Adjusting Barcelona Clinic Liver Cancer Staging System to the Evolving Landscape of Hepatocellular Carcinoma: A Look to the Future](#). Gastroenterology 2022, 162(7): 2106-2108. doi: 10.1053/j.gastro.2022.01.035. PMID: 35122767.
9. **Muniraj T**. [Post-liver transplantation bile leaks and strictures](#). Gastrointestinal Endoscopy 2022, 95(6): 1233-1237. doi: 10.1016/j.gie.2022.01.021. PMID: 35124073.
10. Yasir S, Chen ZE, **Jain D**, Kakar S, Wu TT, Yeh MM, Torbenson MS. [Hepatic Adenomas in Patients 60 and Older Are Enriched for HNF1A Inactivation and Malignant Transformation](#). The American Journal Of Surgical Pathology 2022, 46(6): 786-792. doi: 10.1097/PAS.0000000000001892. PMID: 35383587.
11. **Chugh R, Gaidos JKJ**. [Fertility and Pregnancy in Crohn's Disease](#). Gastroenterology Clinics Of North America 2022, 51(2): 381-399. doi: 10.1016/j.gtc.2021.12.012. PMID: 35595421.
12. **Fabris L**, Milani C, **Fiorotto R, Mariotti V**, Kaffe E, Seller B, Sonzogni A, **Strazzabosco M**, Cadamuro M. [Dysregulation of the Scribble/YAP/ \$\beta\$ -catenin axis sustains the fibroinflammatory response in a PKHD1-/- mouse model of congenital hepatic fibrosis](#). FASEB Journal : Official Publication Of The Federation Of American Societies For Experimental Biology 2022, 36(6): e22364. doi: 10.1096/fj.202101924R. PMID: 35593740.
13. Vujkovic M, Ramdas S, Lorenz KM, Guo X, Darlay R, Cordell HJ, He J, Gindin Y, Chung C, Myers RP, Schneider CV, Park J, Lee KM, Serper M, Carr RM, Kaplan DE, Haas ME, MacLean MT, Witschey WR, Zhu X, Tcheandjieu C, Kember RL, Kranzler HR, Verma A, Giri A, Klarin DM, Sun YV, Huang J, Huffman JE, Townsend Creasy K, Hand NJ, Liu CT, Long MT, Yao J, Budoff M, Tan J, Li X, Lin HJ, Chen YI, Taylor KD, Chang RK, Krauss RM, **Vilarinho S**, Brancale J, Nielsen JB, Locke AE, Jones MB, Verweij N, Baras A, Reddy KR, Neuschwander-Tetri BA, Schwimmer JB, Sanyal AJ, Chalasani N, Ryan KA, Mitchell BD, Gill D, Wells AD, Manduchi E, Saiman Y, Mahmud N, Miller DR, Reaven PD, Phillips LS,

- Muralidhar S, DuVall SL, Lee JS, Assimes TL, Pyarajan S, Cho K, Edwards TL, Damrauer SM, Wilson PW, Gaziano JM, O'Donnell CJ, Khera AV, Grant SFA, Brown CD, Tsao PS, Saleheen D, Lotta LA, Bastarache L, Anstee QM, Daly AK, Meigs JB, Rotter JJ, Lynch JA, Rader DJ, Voight BF, Chang KM. [A multiancestry genome-wide association study of unexplained chronic ALT elevation as a proxy for nonalcoholic fatty liver disease with histological and radiological validation](#). *Nature Genetics* 2022, 54(6): 761-771. doi: 10.1038/s41588-022-01078-z. PMID: 35654975.
14. Kurlander JE, Barnes G, Fisher A, Gonzalez JJ, Helminski D, Saini SD, Sengupta N, Yang YX, Scheiman J, **Laine L**. [Association of Anti-Secretory Drugs with Upper Gastrointestinal Bleeding in Patients Using Oral Anticoagulants: A Systematic Review and Meta-Analysis](#). *The American Journal Of Medicine* 2022 doi: 10.1016/j.amjmed.2022.05.031. PMID: 35679879.
 15. Chey WD, Mégraud F, **Laine L**, López LJ, Hunt BJ, Howden CW. [Vonoprazan Triple and Dual Therapy for Helicobacter pylori Infection in the US and Europe: Randomized Clinical Trial](#). *Gastroenterology* 2022 doi: 10.1053/j.gastro.2022.05.055. PMID: 35679950.
 16. Thomas I, Roberts A, Sharma S, Penner J, **Taddei T**. [Diagnostic Momentum in Acute Liver Injury: an Exercise in Clinical Reasoning](#). *Journal Of General Internal Medicine* 2022 doi: 10.1007/s11606-022-07673-4. PMID: 35676586.
 17. Dbouk M, Katona BW, Brand RE, Chak A, Syngal S, **Farrell JJ**, Kastrinos F, Stoffel EM, Blackford AL, Rustgi AK, Dudley B, Lee LS, Chhoda A, Kwon R, Ginsberg GG, Klein AP, Kamel I, Hruban RH, He J, Shin EJ, Lennon AM, Canto MI, Goggins M. [The Multicenter Cancer of Pancreas Screening Study: Impact on Stage and Survival](#). *Journal Of Clinical Oncology : Official Journal Of The American Society Of Clinical Oncology* 2022, JCO2200298. doi: 10.1200/JCO.22.00298. PMID: 35704792.
 18. Wang D, González IA, Russo PA, **Jain D**, Zhang X. [Prominent Pseudoacini in Focal Nodular Hyperplasia: A Potential Diagnostic Pitfall](#). *The American Journal Of Surgical Pathology* 2022 doi: 10.1097/PAS.0000000000001931. PMID: 35749760.

Endocrinology

1. Spence JD, Viscoli C, Kernan WN, Young LH, Furie K, DeFronzo R, Abdul-Ghani M, Dandona P, **Inzucchi SE**. [Efficacy of lower doses of pioglitazone after stroke or transient ischaemic attack in patients with insulin resistance](#). *Diabetes, Obesity & Metabolism* 2022, 24(6): 1150-1158. doi: 10.1111/dom.14687. PMID: 35253334.
2. Kahl S, Ofstad AP, Zinman B, Wanner C, Schüler E, Sattar N, **Inzucchi SE**, Roden M. [Effects of empagliflozin on markers of liver steatosis and fibrosis and their relationship to cardiorenal outcomes](#). *Diabetes, Obesity & Metabolism* 2022, 24(6): 1061-1071. doi: 10.1111/dom.14670. PMID: 35166009.
3. Cotero V, Graf J, Miwa H, Hirschstein Z, Qanud K, Huerta TS, **Tai N**, Ding Y, Jimenez-Cowell K, Tomaiolo JN, Song W, Devarajan A, Tsaava T, Madhavan R, Wallace K, Loghin E, Morton C, Fan Y, Kao TJ, Akhtar K, Damaraju M, Barenboim L, Maietta T, Ashe J, Tracey KJ, Coleman TR, Di Carlo D, Shin D, Zanos S, Chavan SS, **Herzog RI**, Puleo C. [Stimulation of the hepatoportal nerve plexus with focused ultrasound restores glucose homeostasis in diabetic mice, rats and swine](#). *Nature Biomedical Engineering* 2022, 6(6): 683-705. doi: 10.1038/s41551-022-00870-w. PMID: 35361935.
4. Sridhar A, Kuhn J, Faja S, Sabatos-DeVito M, Nikolaeva JI, Dawson G, Nelson CA, Webb SJ, Bernier R, Jeste S, Chawarska K, Sugar CA, Shic F, Naples A, **Dziura J**, McPartland JC. [Patterns of Intervention Utilization Among School-Aged Children with Autism Spectrum Disorder: Findings](#)

- [from a Multi-Site Research Consortium](#). Research In Autism Spectrum Disorders 2022, 94 doi: 10.1016/j.rasd.2022.101950. PMID: 35444715. PMCID: PMC9015686.
5. Butt JH, Dewan P, Merkely B, Belohlávek J, Droždž J, Kitakaze M, **Inzucchi SE**, Kosiborod MN, Martinez FA, Tereshchenko S, Ponikowski P, Bengtsson O, Lindholm D, Langkilde AM, Schou M, Sjöstrand M, Solomon SD, Sabatine MS, Chiang CE, Docherty KF, Jhund PS, Køber L, McMurray JJV. [Efficacy and Safety of Dapagliflozin According to Frailty in Heart Failure With Reduced Ejection Fraction : A Post Hoc Analysis of the DAPA-HF Trial](#). Annals Of Internal Medicine 2022, 175(6): 820-830. doi: 10.7326/M21-4776. PMID: 35467935.
 6. Charkoftaki G, Tan WY, Berrios-Carcamo P, Orlicky DJ, **Golla JP**, Garcia-Milian R, Aalizadeh R, Thomaidis NS, Thompson DC, Vasiliou V. [Liver metabolomics identifies bile acid profile changes at early stages of alcoholic liver disease in mice](#). Chemico-biological Interactions 2022, 360: 109931. doi: 10.1016/j.cbi.2022.109931. PMID: 35429548.
 7. Brito JP, Wang Z, **Lipska KJ**. [Considerations for Generic-to-Generic Levothyroxine Switching-Reply](#). JAMA Internal Medicine 2022 doi: 10.1001/jamainternmed.2022.1990. PMID: 35666533.
 8. Ghazi L, Yamamoto Y, Riello RJ, Coronel-Moreno C, Martin M, O'Connor KD, Simonov M, Huang J, Olufade T, McDermott J, Dhar R, **Inzucchi SE**, Velazquez EJ, Wilson FP, Desai NR, Ahmad T. Electronic Alerts to Improve Heart Failure Therapy in Outpatient Practice: A Cluster Randomized Trial. Journal Of The American College Of Cardiology 2022, 79(22): 2203-2213. doi: 10.1016/j.jacc.2022.03.338. PMID: 35385798.
 9. Fogelman N, Schwartz J, Chaplin TM, **Jastreboff AM**, Silverman WK, Sinha R. [Parent Stress and Trauma, Autonomic Responses, and Negative Child Behaviors](#). Child Psychiatry And Human Development 2022 doi: 10.1007/s10578-022-01377-w. PMID: 35674991.
 10. Lee HW, **Shin JH**, Simons M. [Flow goes forward and cells step backward: endothelial migration](#). Experimental & Molecular Medicine 2022 doi: 10.1038/s12276-022-00785-1. PMID: 35701563.
 11. Merrins MJ, Corkey BE, **Kibbey RG**, Prentki M. [Metabolic cycles and signals for insulin secretion](#). Cell Metabolism 2022 doi: 10.1016/j.cmet.2022.06.003. PMID: 35728586.
 12. **Balasubramanian P**, Wanner C, Ferreira JP, Ofstad AP, Elsaesser A, Zinman B, **Inzucchi SE**. [Empagliflozin and Decreased Risk of Nephrolithiasis: A Potential New Role for SGLT2 Inhibition?](#) The Journal Of Clinical Endocrinology And Metabolism 2022, 107(7): e3003-e3007. doi: 10.1210/clinem/dgac154. PMID: 35290464.
 13. Melnick ER, Nath B, **Dziura JD**, Casey MF, Jeffery MM, Paek H, Soares WE, Hoppe JA, Rajeevan H, Li F, Skains RM, Walter LA, Patel MD, Chari SV, Platts-Mills TF, Hess EP, D'Onofrio G. [User centered clinical decision support to implement initiation of buprenorphine for opioid use disorder in the emergency department: EMBED pragmatic cluster randomized controlled trial](#). BMJ (Clinical Research Ed.) 2022, 377: e069271. doi: 10.1136/bmj-2021-069271. PMID: 35760423.

General Internal Medicine

1. Spence JD, **Viscoli C**, **Kernan WN**, Young LH, Furie K, DeFronzo R, Abdul-Ghani M, Dandona P, **Inzucchi SE**. [Efficacy of lower doses of pioglitazone after stroke or transient ischaemic attack in patients with insulin resistance](#). Diabetes, Obesity & Metabolism 2022, 24(6): 1150-1158. doi: 10.1111/dom.14687. PMID: 35253334.
2. Goldstein DW, Hajduk AM, Song X, Tsang S, Geda M, McClurken JB, Tinetti ME, Krumholz HM, **Chaudhry SI**. [Reply to: "Comment on: Falls in older adults after hospitalization for acute myocardial](#)

- [infarction](#)". Journal Of The American Geriatrics Society 2022, 70(6): 1880-1881. doi: 10.1111/jgs.17742. PMID: 35332528.
3. Kinney RL, **Haskell S**, Relyea MR, DeRycke EC, Walker L, **Bastian LA**, Mattocks KM. [Coordinating women's preventive health care for rural veterans](#). The Journal Of Rural Health : Official Journal Of The American Rural Health Association And The National Rural Health Care Association 2022, 38(3): 630-638. doi: 10.1111/jrh.12609. PMID: 34310743.
 4. Chen K, Lopez L, **Ross JS**, Travers JL. [Distribution of Paycheck Protection Program Loans to Healthcare Organizations in 2020](#). Journal Of General Internal Medicine 2022, 37(8): 2132-2133. doi: 10.1007/s11606-021-07108-6. PMID: 34505980. PMCID: PMC8432282.
 5. Upneja A, Long JB, Aminawung JA, Kyanko KA, Kunst N, Xu X, Busch SH, **Gross CP**, **Richman IB**. [Comparative Effectiveness of Digital Breast Tomosynthesis and Mammography in Older Women](#). Journal Of General Internal Medicine 2022, 37(8): 1870-1876. doi: 10.1007/s11606-021-07132-6. PMID: 34595682. PMCID: PMC8483166.
 6. Calhoun A, **Genao I**, Martin A, **Windish D**. [Moving Beyond Implicit Bias in Antiracist Academic Medicine Initiatives](#). Academic Medicine : Journal Of The Association Of American Medical Colleges 2022, 97(6): 790-792. doi: 10.1097/ACM.0000000000004562. PMID: 34907963.
 7. Jairam V, Soulos PR, **Gross CP**, Yu JB, Park HS, Decker RH. [A reply to "Randomized controlled clinical trial is needed for toxicity of IMRT VS 3D-CRT in PORT for LA-NSCLC"](#). Lung Cancer (Amsterdam, Netherlands) 2022, 168: 84-85. doi: 10.1016/j.lungcan.2021.12.003. PMID: 34933760.
 8. Harsono D, Deng Y, Chung S, Barakat LA, Friedland G, Meyer JP, Porter E, Villanueva M, Wolf MS, Yager JE, **Edelman EJ**. [Experiences with Telemedicine for HIV Care During the COVID-19 Pandemic: A Mixed-Methods Study](#). AIDS And Behavior 2022, 26(6): 2099-2111. doi: 10.1007/s10461-021-03556-7. PMID: 35064390. PMCID: PMC8782707.
 9. Kaye DR, Wilson LE, Greiner MA, Spees LP, Pritchard JE, Zhang T, Pollack CE, George D, Scales CD, Baggett CD, **Gross CP**, Leapman MS, Wheeler SB, Dinan MA. [Patient, provider, and hospital factors associated with oral anti-neoplastic agent initiation and adherence in older patients with metastatic renal cell carcinoma](#). Journal Of Geriatric Oncology 2022, 13(5): 614-623. doi: 10.1016/j.jgo.2022.01.008. PMID: 35125336.
 10. Cullen MR, Baiocchi M, Chamberlain L, Chu I, **Horwitz RI**, Mello M, O'Hara A, Roosz S. [Population health science as a unifying foundation for translational clinical and public health research](#). SSM - Population Health 2022, 18: 101047. doi: 10.1016/j.ssmph.2022.101047. PMID: 35252530. PMCID: PMC8885441.
 11. Ilagan-Ying YC, Park EY, Lam R, **Gupta S**. [Pancreatic Neuroendocrine Tumor Presenting with Chylous Ascites: Multidisciplinary Workup to Differentiate from Malignant Ascites](#). Journal Of General Internal Medicine 2022, 37(8): 2082-2085. doi: 10.1007/s11606-022-07463-y. PMID: 35260958.
 12. Edmond SN, Snow JL, Pomeranz J, Van Cleve R, **Becker WC**. [Arguments for and Against a New Diagnostic Entity for Patients With Chronic Pain on Long-Term Opioid Therapy for Whom Harms Outweigh Benefits](#). The Journal Of Pain : Official Journal Of The American Pain Society 2022, 23(6): 958-966. doi: 10.1016/j.jpain.2021.12.006. PMID: 34974174.
 13. Lauckner C, Walthers J, Stuck J, Bryant K, **Edelman EJ**, **Fiellin DA**, Hansen NB, Kahler CW, Magill M, Mastroleo NR, Maisto SA. [The Relationship Between Drinking Behavior and Conversational Processes During a Brief Alcohol Reduction Intervention for People with HIV](#). AIDS And Behavior 2022, 26(6): 2067-2080. doi: 10.1007/s10461-021-03553-w. PMID: 35001249.

14. **Weimer MB, Fiellin DA.** [Low- and very low-dose buprenorphine induction: new\(ish\) uses for an old\(ish\) medication?](#) *Addiction* (Abingdon, England) 2022, 117(6): 1507-1509. doi: 10.1111/add.15799. PMID: 35032081.
15. Reddon H, Socias ME, **Justice A**, Cui Z, Nosova E, Barrios R, Fairbairn N, Marshall BDL, Milloy MJ. [Periods of Homelessness Linked to Higher VACS Index Among HIV-Positive People Who Use Drugs.](#) *AIDS And Behavior* 2022, 26(6): 1739-1749. doi: 10.1007/s10461-021-03524-1. PMID: 35064852.
16. **Vermette D, Doolittle B.** [What Educators Can Learn from the Biopsychosocial-Spiritual Model of Patient Care: Time for Holistic Medical Education.](#) *Journal Of General Internal Medicine* 2022, 37(8): 2062-2066. doi: 10.1007/s11606-022-07491-8. PMID: 35357678. PMCID: PMC8969815.
17. Presley CJ, Kaur K, Han L, Soulos PR, Zhu W, Corneau E, O'Leary JR, Chao H, Shamas T, Rose MG, Lorenz KA, Levy CR, Mor V, **Gross CP.** [Aggressive End-of-Life Care in the Veterans Health Administration versus Fee-for-Service Medicare among Patients with Advanced Lung Cancer.](#) *Journal Of Palliative Medicine* 2022, 25(6): 932-939. doi: 10.1089/jpm.2021.0436. PMID: 35363053.
18. Xiao R, **Ross JS, Gross CP,** Dusetzina SB, McWilliams JM, Sethi R, Rath VK. [Hospital-Administered Cancer Therapy Prices for Patients With Private Health Insurance.](#) *JAMA Internal Medicine* 2022, 182(6): 603-611. doi: 10.1001/jamainternmed.2022.1022. PMID: 35435948. PMCID: PMC9016607.
19. **Black AC,** Zeliadt SB, Kerns RD, Skanderson M, Wang R, Gelman H, Douglas JH, **Becker WC.** [Association Between Exposure to Complementary and Integrative Therapies and Opioid Analgesic Daily Dose Among Patients on Long-term Opioid Therapy.](#) *The Clinical Journal Of Pain* 2022, 38(6): 405-409. doi: 10.1097/AJP.0000000000001039. PMID: 35440528.
20. **Fankhanel C,** Brissette D, Garino A. [The Commoditization of Clinical Rotations.](#) *The Journal Of Physician Assistant Education : The Official Journal Of The Physician Assistant Education Association* 2022, 33(2): 76-77. doi: 10.1097/JPA.0000000000000416. PMID: 35511470.
21. Wang Y, Li F, Chu C, Zhang X, Zhang XY, Liao YY, Du MF, Zou T, Ma Q, Chen C, Wang D, **Wang KK,** Yan Y, Sun Y, Hu GL, Jia H, Li H, Niu ZJ, Yan RC, Man ZY, Wang L, Luo WJ, Zhang J, Li CH, Lu WH, **Chang J,** Safirstein R, Lu Y, Mu JJ. [Early life body mass index trajectories and albuminuria in midlife: A 30-year prospective cohort study.](#) *EclinicalMedicine* 2022, 48: 101420. doi: 10.1016/j.eclinm.2022.101420. PMID: 35516445. PMCID: PMC9065297.
22. Safdar B, Mori M, Nowroozpoor A, Geirsson A, **D'Onofrio G,** Mangi AA. [Clinical Profile and Sex-Specific Recovery With Cardiac Rehabilitation After Coronary Artery Bypass Grafting Surgery.](#) *Clinical Therapeutics* 2022, 44(6): 846-858. doi: 10.1016/j.clinthera.2022.04.002. PMID: 35570056.
23. **Djulgovic M,** Chen K, Cohen AB, Heacock D, **Canavan M,** Cushing W, Agarwal R, Simonov M, **Chaudhry SI.** [Associations between hospitalist physician workload, length of stay, and return to the hospital.](#) *Journal Of Hospital Medicine* 2022, 17(6): 445-455. doi: 10.1002/jhm.12847. PMID: 35662410.
24. Stevens MA, Tsai J, Savitz ST, Nath B, Melnick ER, **D'Onofrio G,** Jeffery MM. [Trends and Disparities in Access to Buprenorphine Treatment Following an Opioid-Related Emergency Department Visit Among an Insured Cohort, 2014-2020.](#) *JAMA Network Open* 2022, 5(6): e2215287. doi: 10.1001/jamanetworkopen.2022.15287. PMID: 35657629.
25. Coburn SB, Humes E, Lang R, Stewart C, Hogan BC, Gebo KA, Napravnik S, Edwards JK, Browne LE, Park LS, **Justice AC, Gordon KS,** Horberg MA, Certa JM, Watson E, Jefferson CR, Silverberg MJ, Skarbinski J, Leyden WA, Williams CF, Althoff KN. [Analysis of Postvaccination Breakthrough COVID-19 Infections Among Adults With HIV in the United States.](#) *JAMA Network Open* 2022, 5(6): e2215934. doi: 10.1001/jamanetworkopen.2022.15934. PMID: 35671054.

26. Baschat AA, Blackwell SB, Chatterjee D, Cummings JJ, Emery SP, Hirose S, Hollier LM, Johnson A, Kilpatrick SJ, Luks FI, Menard MK, McCullough LB, Moldenhauer JS, Moon-Grady AJ, Mychaliska GB, Narvey M, Norton ME, Rollins MD, Skarsgard ED, Tsao K, Warner BB, **Wilpers A**, Ryan G. [Care Levels for Fetal Therapy Centers](#). *Obstetrics And Gynecology* 2022, 139(6): 1027-1042. doi: 10.1097/AOG.0000000000004793. PMID: 35675600.
27. **Morone JF**, Tolentino DA, Aronowitz SV, Siddiq H. [The COVID-19 Pandemic and the Push to Promote and Include Nurses in Public Health Policy](#). *American Journal Of Public Health* 2022, 112(S3): S231-S236. doi: 10.2105/AJPH.2022.306837. PMID: 35679543.
28. Salazar MC, **Canavan ME**, Chilakamarry S, Boffa DJ, Schuster KM. [Appendiceal Cancer in the National Cancer Database: Increasing Frequency, Decreasing Age, and Shifting Histology](#). *Journal Of The American College Of Surgeons* 2022, 234(6): 1082-1089. doi: 10.1097/XCS.000000000000172. PMID: 35703801.
29. Zhan PL, **Canavan ME**, Ermer T, Pichert MD, Li AX, Maduka RC, Boffa DJ. [Association of Insurance Status and Extent of Organ Involvement With Survival Among Patients With Stage IV Cancer](#). *JAMA Network Open* 2022, 5(6): e2217581. doi: 10.1001/jamanetworkopen.2022.17581. PMID: 35713907.
30. Leung TI, **Wang KH**, Lin TL, Gin GT, Pendharkar SS, Chen CA. [Women Physicians in Transition Learning to Navigate the Pipeline from Early to Mid-Career: Protocol for a Qualitative Study](#). *JMIR Research Protocols* 2022, 11(6): e38126. doi: 10.2196/38126. PMID: 35653172.
31. Taylor SW, McKetchnie SM, Batchelder AW, **Justice A**, Safren SA, O'Cleirigh C. [Chronic pain and substance use disorders among older sexual minority men living with HIV: Implications for HIV disease management across the HIV care continuum](#). *AIDS Care* 2022, 1-10. doi: 10.1080/09540121.2022.2076801. PMID: 35653300.
32. Frost MC, Richards JE, Blosnich JR, Hawkins EJ, Tsui JJ, **Edelman EJ**, Williams EC. [Association between clinically recognized suicidality and subsequent initiation or continuation of medications for opioid use disorder](#). *Drug And Alcohol Dependence* 2022, 237: 109521. doi: 10.1016/j.drugalcdep.2022.109521. PMID: 35716644.
33. **Falker CG**, Stefanovics EA, Rhee TG, Rosenheck RA. [Women's Use of Substance Use Disorder Treatment Services: Rates, Correlates, and Comparisons to Men](#). *The Psychiatric Quarterly* 2022 doi: 10.1007/s11126-022-09989-0. PMID: 35661318.
34. McCall T, Date S, Alexis D, Whiteman S, Dick S, Marengo L, Campbell Britton M, Tessier-Sherman B, Brandt C, **Wang K**. [Towards Reducing Health Information Inequities in the Caribbean: The Eastern Caribbean Health Outcomes Research Network Data Sharing Platform Usability Study](#). *Studies In Health Technology And Informatics* 2022, 290: 834-838. doi: 10.3233/SHTI220196. PMID: 35673135.
35. Lee M, Cosentino D, Kyriakides TC, Cavallaro T, Stack G, **Gupta S**. [Clinical and virologic factors associated with outcomes of COVID-19 before and after vaccination among Veterans: Retrospective analysis from six New England states](#). *Journal Of Hospital Medicine* 2022 doi: 10.1002/jhm.12852. PMID: 35661577.
36. Touesnard N, Brothers TD, Bonn M, **Edelman EJ**. [Overdose deaths and HIV infections among people who use drugs: shared determinants and integrated responses](#). *Expert Review Of Anti-infective Therapy* 2022, 1-5. doi: 10.1080/14787210.2022.2081152. PMID: 35615917.
37. Lee S, Ma C, Zhang S, Ou FS, Bainter TM, Niedzwiecki D, Saltz LB, Mayer RJ, Whittom R, Hantel A, Benson A, Atienza D, Kindler H, **Gross CP**, Irwin ML, Meyerhardt JA, Fuchs CS. [Marital Status, Living](#)

- [Arrangement, and Cancer Recurrence and Survival in Patients with Stage III Colon Cancer: Findings from CALGB 89803 \(Alliance\)](#). The Oncologist 2022, 27(6): e494-e505. doi: 10.1093/oncolo/oyab070. PMID: 35641198.
38. Rathi VK, Ross JS, Redberg RF, Dhruva SS. [Medical Device User Fee Reauthorization - Back to Basics or Looking Ahead?](#) The New England Journal Of Medicine 2022 doi: 10.1056/NEJMp2204947. PMID: 35675195.
 39. Gielissen K, Chan CA. [The \(ear\) budding potential of podcasts](#). Medical Teacher 2022, 1. doi: 10.1080/0142159X.2022.2083488. PMID: 35675267.
 40. Vera MA, El-Khoury JM, Thorp H, Tofel RJ, Ross JS, Mandavilli A, Topol E. [Public Misinformation and Science Communication in Times of Public Health Crises](#). Clinical Chemistry 2022 doi: 10.1093/clinchem/hvac088. PMID: 35675305.
 41. Lister JJ, Joudrey PJ. [Rural mistrust of public health interventions in the United States: A call for taking the long view to improve adoption](#). The Journal Of Rural Health : Official Journal Of The American Rural Health Association And The National Rural Health Care Association 2022 doi: 10.1111/jrh.12684. PMID: 35691930.
 42. Dahlby L, Boyd J, Knight R, Philbin M, Small W, Kerr T, McNeil R. [The perspectives of street-involved youth who use drugs regarding the acceptability and feasibility of HIV pre-exposure prophylaxis: a qualitative study](#). AIDS Care 2022, 1-8. doi: 10.1080/09540121.2022.2085868. PMID: 35698454.
 43. Tu LH, Miller JE, Forman HP. [The Critical Shortage of Iodinated Contrast Material - Will Value Prevail?](#) The New England Journal Of Medicine 2022 doi: 10.1056/NEJMp2206996. PMID: 35704416.
 44. Ssenyange G, Kerfoot M, Zhao M, Farhadian S, Chen S, Peng L, Ren P, Dela Cruz CS, Gupta S, Sutton RE. [Development of an efficient reproducible cell-cell transmission assay for rapid quantification of SARS-CoV-2 Spike interaction with hACE2](#). Cell Reports Methods 2022, 100252. doi: 10.1016/j.crmeth.2022.100252. PMID: 35757815. PMCID: PMC9213030.
 45. Ramsey CM, Gaffey AE, Brandt CA, Haskell SG, Masheb RM. [Depression, Insomnia, and Obesity Among Post-9/11 Veterans: Eating Pathology as a Distinct Health Risk Behavior](#). Military Medicine 2022 doi: 10.1093/milmed/usac165. PMID: 35726626.
 46. Wijesekera TP, Parsons AS, Abdoler EA, Trowbridge RL, Durning SJ, Rencic JJ. [Management Reasoning: A Toolbox for Educators](#). Academic Medicine : Journal Of The Association Of American Medical Colleges 2022 doi: 10.1097/ACM.0000000000004796. PMID: 35731592.
 47. Whiteside LK, D'Onofrio G, Fiellin DA, Edelman EJ, Richardson L, O'Connor P, Rothman RE, Cowan E, Lyons MS, Fockele CE, Saheed M, Freiermuth C, Panches BE, Guo C, Martel S, Owens PH, Coupet E, Hawk KF. Models for Implementing Emergency Department-Initiated Buprenorphine with Referral for Ongoing Medication Treatment at Emergency Department Discharge in Diverse Academic Centers. Annals Of Emergency Medicine 2022 doi: 10.1016/j.annemergmed.2022.05.010. PMID: 35752520.
 48. Straszewski T, Ross CA, Riley C, Roy B, Stiefel MC. [Testing the added value of self-reported health and well-being in understanding healthcare utilization and costs](#). Quality Of Life Research : An International Journal Of Quality Of Life Aspects Of Treatment, Care And Rehabilitation 2022 doi: 10.1007/s11136-022-03168-1. PMID: 35737207.
 49. Melnick ER, Nath B, Dziura JD, Casey MF, Jeffery MM, Paek H, Soares WE, Hoppe JA, Rajeevan H, Li F, Skains RM, Walter LA, Patel MD, Chari SV, Platts-Mills TF, Hess EP, D'Onofrio G. [User centered](#)

- [clinical decision support to implement initiation of buprenorphine for opioid use disorder in the emergency department: EMBED pragmatic cluster randomized controlled trial](#). *BMJ (Clinical Research Ed.)* 2022, 377: e069271. doi: 10.1136/bmj-2021-069271. PMID: 35760423.
50. Faridi KF, Dayoub EJ, **Ross JS**, Dhruva SS, Ahmad T, Desai NR. Medicare Coverage and Out-of-Pocket Costs of Quadruple Drug Therapy for Heart Failure. *Journal Of The American College Of Cardiology* 2022, 79(25): 2516-2525. doi: 10.1016/j.jacc.2022.04.031. PMID: 35738713.

Geriatric Medicine

1. Goldstein DW, **Hajduk AM**, Song X, Tsang S, Geda M, McClurken JB, **Tinetti ME**, Krumholz HM, Chaudhry SI. [Reply to: "Comment on: Falls in older adults after hospitalization for acute myocardial infarction"](#). *Journal Of The American Geriatrics Society* 2022, 70(6): 1880-1881. doi: 10.1111/jgs.17742. PMID: 35332528.
2. Presley CJ, Kaur K, **Han L**, Soulos PR, Zhu W, Corneau E, O'Leary JR, Chao H, Shamas T, Rose MG, Lorenz KA, Levy CR, Mor V, Gross CP. [Aggressive End-of-Life Care in the Veterans Health Administration versus Fee-for-Service Medicare among Patients with Advanced Lung Cancer](#). *Journal Of Palliative Medicine* 2022, 25(6): 932-939. doi: 10.1089/jpm.2021.0436. PMID: 35363053.
3. Djulbegovic M, Chen K, **Cohen AB**, Heacock D, Canavan M, Cushing W, Agarwal R, Simonov M, Chaudhry SI. [Associations between hospitalist physician workload, length of stay, and return to the hospital](#). *Journal Of Hospital Medicine* 2022, 17(6): 445-455. doi: 10.1002/jhm.12847. PMID: 35662410.
4. Luther SL, Finch DK, Bouayad L, McCart J, **Han L**, Dobscha SK, Skanderson M, Fodeh SJ, Hahm B, Lee A, Goulet JL, Brandt CA, Kerns RD. [Measuring pain care quality in the Veterans Health Administration primary care setting](#). *Pain* 2022, 163(6): e715-e724. doi: 10.1097/j.pain.0000000000002477. PMID: 34724683. PMCID: PMC8920945.
5. Abey-Nesbit R, Van Doren S, Ahn S, Iheme L, Peel NM, Declercq A, Hirdes J, **Allore H**, Jamieson HA. [Factors associated with caregiver distress among home care clients in New Zealand: Evidence based on data from interRAI Home Care assessment](#). *Australasian Journal On Ageing* 2022, 41(2): 237-246. doi: 10.1111/ajag.13011. PMID: 34837288.
6. Yao SS, Xu HW, **Han L**, Wang K, Cao GY, Li N, Luo Y, Chen YM, Su HX, Chen ZS, Huang ZT, Hu YH, Xu B. [Multimorbidity measures differentially predicted mortality among older Chinese adults](#). *Journal Of Clinical Epidemiology* 2022, 146: 97-105. doi: 10.1016/j.jclinepi.2022.03.002. PMID: 35259446.
7. Samper-Ternent R, **Tinetti M**, Jennings LA, Wong R, Arney J, Naik AD. [Better care for older Hispanics: Identifying priorities and harmonizing care](#). *Journal Of The American Geriatrics Society* 2022, 70(6): 1889-1894. doi: 10.1111/jgs.17748. PMID: 35319787.
8. Vu T, Frye N, Valeika S, Monin JK, Wallhagen M, **Marottoli RA**. [Communication Technology Improved Staff, Resident, and Family Interactions in a Skilled Nursing Home During COVID-19](#). *Journal Of The American Medical Directors Association* 2022, 23(6): 947-948. doi: 10.1016/j.jamda.2022.02.019. PMID: 35367187. PMCID: PMC8901367.
9. Quiñones AR, Chen S, Nagel CL, Botosaneanu A, **Allore HG**, Newsom JT, Thielke S, Kaye J. [Trajectories of cognitive functioning in later life: Disparities by race/ethnicity, educational attainment, sex, and multimorbidity combinations](#). *SSM - Population Health* 2022, 18: 101084. doi: 10.1016/j.ssmph.2022.101084. PMID: 35402685. PMCID: PMC8987641.
10. Pappas JA, **Miner B**. [Sleep Deficiency in the Elderly](#). *Clinics In Chest Medicine* 2022, 43(2): 273-286. doi: 10.1016/j.ccm.2022.02.005. PMID: 35659025.

11. Presley CJ, Arrato NA, Shields PG, Carbone DP, Wong ML, Benedict J, Reisinger SA, **Han L, Gill TM, Allore H**, Andersen BL, Janse S. [Functional Trajectories and Resilience Among Adults With Advanced Lung Cancer](#). JTO Clinical And Research Reports 2022, 3(6): 100334. doi: 10.1016/j.jtocrr.2022.100334. PMID: 35719868. PMCID: PMC9198463.
12. Zang E, Shi Y, Wang X, Wu B, **Fried TR**. [Trajectories of physical functioning among US adults with cognitive impairment](#). Age And Ageing 2022, 51(6) doi: 10.1093/ageing/afac139. PMID: 35751871.
13. Schulman-Green D, Linsky S, Blatt L, Jeuland J, **Kapo J**, Jeon S. [Improving Breast Cancer Family Caregivers' Palliative Care Literacy: A Pilot Randomized Trial](#). Journal Of Family Nursing 2022, 10748407221099541. doi: 10.1177/10748407221099541. PMID: 35670155.
14. Mody L, **Gill TM**, Zieman SJ. [Clin-Star corner: A new series featuring practice-changing articles in medical, surgical, and related specialties](#). Journal Of The American Geriatrics Society 2022 doi: 10.1111/jgs.17908. PMID: 35704905.
15. Cao X, Zhang J, Ma C, Li X, Kuo CL, Levine ME, Hu G, **Allore H**, Chen X, Wu X, Liu Z. [Life course traumas and cardiovascular disease-The mediating role of accelerated aging](#). Annals Of The New York Academy Of Sciences 2022 doi: 10.1111/nyas.14843. PMID: 35725988.
16. Szejko N, Acosta JN, Both CP, Leasure A, Matouk C, Sansing L, **Gill TM**, Hongyu Z, Sheth K, Falcone GJ. [Genetically-Proxied Levels of Vitamin D and Risk of Intracerebral Hemorrhage](#). Journal Of The American Heart Association 2022, e024141. doi: 10.1161/JAHA.121.024141. PMID: 35730641.
17. Feder SL, **Murphy TE**, Abel EA, Akgün KM, Warraich HJ, Ersek M, **Fried T**, Redeker NS. [Incidence and Trends in the Use of Palliative Care among Patients with Reduced, Middle-Range, and Preserved Ejection Fraction Heart Failure](#). Journal Of Palliative Medicine 2022 doi: 10.1089/jpm.2022.0093. PMID: 35763838.

Hematology

1. Sefik E, Israelow B, Mirza H, Zhao J, Qu R, Kaffe E, Song E, **Halene S**, Meffre E, Kluger Y, Nussenzweig M, Wilen CB, Iwasaki A, Flavell RA. [A humanized mouse model of chronic COVID-19](#). Nature Biotechnology 2022, 40(6): 906-920. doi: 10.1038/s41587-021-01155-4. PMID: 34921308.
2. Jacobs JW, Guarente J, Hendrickson JE, Tormey CA, **Bar N**. [Autologous hematopoietic stem cell product contaminated with Salmonella due to occult salmonellosis in an asymptomatic donor](#). Journal Of Clinical Apheresis 2022, 37(3): 316-319. doi: 10.1002/jca.21962. PMID: 34953078.
3. Leveille E, **Chan LN**, Mirza AS, **Kume K, Müschen M**. [SYK and ZAP70 kinases in autoimmunity and lymphoid malignancies](#). Cellular Signalling 2022, 94: 110331. doi: 10.1016/j.cellsig.2022.110331. PMID: 35398488.
4. Sefik E, Qu R, Junqueira C, Kaffe E, Mirza H, Zhao J, Brewer JR, Han A, Steach HR, Israelow B, Blackburn HN, Velazquez SE, Chen YG, **Halene S**, Iwasaki A, Meffre E, Nussenzweig M, Lieberman J, Wilen CB, Kluger Y, Flavell RA. [Inflammasome activation in infected macrophages drives COVID-19 pathology](#). Nature 2022, 606(7914): 585-593. doi: 10.1038/s41586-022-04802-1. PMID: 35483404.
5. Al-Samkari H, Loren AW, **Lee AI**. [The case for classical haematology: the impact of a name and the future of a field](#). The Lancet. Haematology 2022, 9(6): e455-e459. doi: 10.1016/S2352-3026(22)00096-5. PMID: 35500590.
6. **Karmakar S**, Ramirez O, Paul KV, **Gupta AK**, Kumari V, Botti V, de Los Mozos IR, Neuenkirchen N, Ross RJ, Karanicolos J, Neugebauer KM, **Pillai MM**. [Integrative genome-wide analysis reveals EIF3A as a key downstream regulator of translational repressor protein Musashi 2 \(MSI2\)](#). NAR Cancer 2022, 4(2): zcac015. doi: 10.1093/narcan/zcac015. PMID: 35528200. PMCID: PMC9070473.

7. Tremblay D, Srisuwananukorn A, Ronner L, **Podoltsev N**, Gotlib J, Heaney ML, Kuykendall A, O'Connell CL, Shammo JM, Fleischman A, Mesa R, Yacoub A, Hoffman R, Moshier E, Zubizarreta N, Mascarenhas J. [European LeukemiaNet Response Predicts Disease Progression but Not Thrombosis in Polycythemia Vera](#). *HemaSphere* 2022, 6(6): e721. doi: 10.1097/HS9.0000000000000721. PMID: 35747843. PMCID: PMC9208865.
8. Perl AE, Larson RA, **Podoltsev NA**, Strickland S, Wang ES, Atallah E, Schiller GJ, Martinelli G, Neubauer A, Sierra J, Montesinos P, Récher C, Yoon SS, Hosono N, Onozawa M, Chiba S, Kim HJ, Hasabou N, Lu Q, Tiu R, Levis MJ. [Follow-up of patients with R/R FLT3-mutation-positive AML treated with gilteritinib in the phase 3 ADMIRAL trial](#). *Blood* 2022, 139(23): 3366-3375. doi: 10.1182/blood.2021011583. PMID: 35081255.
9. Di M, Cui C, **Kothari S, Zeidan AM, Podoltsev NA, Neparidze N, Shallis RM**, Wang R, Ma X, **Huntington SF**. [Survival of mantle cell lymphoma in the era of Bruton tyrosine kinase inhibitors: a population-based analysis](#). *Blood Advances* 2022, 6(11): 3339-3342. doi: 10.1182/bloodadvances.2021006934. PMID: 35240689.
10. Kim TK, Vandsemb EN, Herbst RS, Chen L. [Adaptive immune resistance at the tumour site: mechanisms and therapeutic opportunities](#). *Nature Reviews. Drug Discovery* 2022 doi: 10.1038/s41573-022-00493-5. PMID: 35701637.
11. Rippel N, Tremblay D, Zubizarreta N, **Podoltsev N**, Gotlib J, Heaney M, Kuykendall A, O'Connell C, Shammo JM, Fleischman A, Kremyanskaya M, Hoffman R, Mesa R, Yacoub A, Mascarenhas J. [Anagrelide for platelet-directed cytoreduction in polycythemia vera: Insights into utility and safety outcomes from a large multi-center database](#). *Leukemia Research* 2022, 119: 106903. doi: 10.1016/j.leukres.2022.106903. PMID: 35717689.
12. Komrokji RS, Carraway HE, Germing U, Wermke M, **Zeidan AM**, Fu E, Rüter B, Burkard U, Osswald A, Foran JM. [A phase I/II multicenter, open-label, dose escalation and randomized trial of BI 836858 in patients with low or intermediate-1 risk myelodysplastic syndrome](#). *Haematologica* 2022 doi: 10.3324/haematol.2021.280500. PMID: 35734924.
13. Cuker A, Tseng EK, Schünemann HJ, Angchaisuksiri P, Blair C, Dane K, DeSancho MT, Diuguid DL, Griffin DO, Kahn SR, Klok FA, **Lee AI**, Neumann I, Pai A, Righini M, Sanfilippo K, Siegal DM, Skara M, Terrell DR, Touri K, Akl EA, Al Jabiri RN, Al Jabiri YN, Boulos M, Brignardello-Petersen R, Charide R, Colunga-Lozano LE, Dearness KL, Darzi AJ, Karam SG, Morgano GP, Morsi RZ, Philip BA, Roldan Y, Stevens A, Solo K, Wiercioch W, Mustafa RA, Nieuwlaat R. [American Society of Hematology living guidelines on the use of anticoagulation for thromboprophylaxis in patients with COVID-19: March 2022 update on the use of anticoagulation in critically ill patients](#) *Blood Advances* 2022 doi: 10.1182/bloodadvances.2022007940. PMID: 35748885.

Infectious Diseases

1. Sefik E, **Israelow B**, Mirza H, Zhao J, Qu R, Kaffe E, Song E, Halene S, Meffre E, Kluger Y, Nussenzweig M, Wilen CB, Iwasaki A, Flavell RA. [A humanized mouse model of chronic COVID-19](#). *Nature Biotechnology* 2022, 40(6): 906-920. doi: 10.1038/s41587-021-01155-4. PMID: 34921308.
2. Sefik E, Qu R, Junqueira C, Kaffe E, Mirza H, Zhao J, Brewer JR, Han A, Steach HR, **Israelow B**, Blackburn HN, Velazquez SE, Chen YG, Halene S, Iwasaki A, Meffre E, Nussenzweig M, Lieberman J, Wilen CB, Kluger Y, Flavell RA. [Inflammasome activation in infected macrophages drives COVID-19 pathology](#). *Nature* 2022, 606(7914): 585-593. doi: 10.1038/s41586-022-04802-1. PMID: 35483404.

3. Karmakar S, Ramirez O, Paul KV, Gupta AK, **Kumari V**, Botti V, de Los Mozos IR, Neuenkirchen N, Ross RJ, Karanicolas J, Neugebauer KM, Pillai MM. [Integrative genome-wide analysis reveals EIF3A as a key downstream regulator of translational repressor protein Musashi 2 \(MSI2\)](#). *NAR Cancer* 2022, 4(2): zcac015. doi: 10.1093/narcan/zcac015. PMID: 35528200. PMCID: PMC9070473.
4. **Johnson RM**, Asashima H, **Mohanty S**, **Shaw AC**. [Combining Cellular Immunology With RNAseq to Identify Novel Chlamydia T-Cell Subset Signatures](#). *The Journal Of Infectious Diseases* 2022, 225(11): 2033-2042. doi: 10.1093/infdis/jiac051. PMID: 35172331.
5. Cerqueira-Silva T, Andrews JR, Boaventura VS, Ranzani OT, de Araújo Oliveira V, Paixão ES, Júnior JB, Machado TM, Hitchings MDT, Dorion M, Lind ML, Penna GO, Cummings DAT, Dean NE, Werneck GL, Pearce N, Barreto ML, **Ko AI**, Croda J, Barral-Netto M. [Effectiveness of CoronaVac, ChAdOx1 nCoV-19, BNT162b2, and Ad26.COV2.S among individuals with previous SARS-CoV-2 infection in Brazil: a test-negative, case-control study](#). *The Lancet. Infectious Diseases* 2022, 22(6): 791-801. doi: 10.1016/S1473-3099(22)00140-2. PMID: 35366959. PMCID: PMC8971277.
6. Christensen BB, **Azar MM**, Turbett SE. [Laboratory Diagnosis for SARS-CoV-2 Infection](#). *Infectious Disease Clinics Of North America* 2022, 36(2): 327-347. doi: 10.1016/j.idc.2022.02.002. PMID: 35636903.
7. Shah S, McManus D, **Topal JE**. [Combination Therapy of Chloramphenicol and Daptomycin for the Treatment of Infective Endocarditis Secondary to Multidrug Resistant Enterococcus faecium](#). *Hospital Pharmacy* 2022, 57(3): 345-348. doi: 10.1177/00185787211032364. PMID: 35615488. PMCID: PMC9125124.
8. **Roberts SC**, **Malik W**, Ison MG. [Hyperammonemia syndrome in immunosuppressed individuals](#). *Current Opinion In Infectious Diseases* 2022, 35(3): 262-268. doi: 10.1097/QCO.0000000000000828. PMID: 35665721.
9. **Di Paola A**, Taweh N, Biondi BE, Foray A, Frank CA, **Shaw A**, Springer SA. [Gender differences among persons entering medication treatment for opioid use disorder in the community](#). *The American Journal On Addictions / American Academy Of Psychiatrists In Alcoholism And Addictions* 2022 doi: 10.1111/ajad.13304. PMID: 35652902.
10. Fang Z, Peng L, Filler R, Suzuki K, McNamara A, Lin Q, Renauer PA, Yang L, Menasche B, Sanchez A, Ren P, Xiong Q, Strine M, Clark P, Lin C, **Ko AI**, Grubaugh ND, Wilen CB, Chen S. [Omicron-specific mRNA vaccination alone and as a heterologous booster against SARS-CoV-2](#). *Nature Communications* 2022, 13(1): 3250. doi: 10.1038/s41467-022-30878-4. PMID: 35668119.
11. **Tucker M**, **Azar MM**, Cohen E, Gan G, Deng Y, **Foppiano Palacios C**, **Malinis M**. [Evaluating clinical effectiveness of SARS-CoV-2 vaccine in solid organ transplant recipients: A propensity score matched analysis](#). *Transplant Infectious Disease : An Official Journal Of The Transplantation Society* 2022, e13876. doi: 10.1111/tid.13876. PMID: 35684932.
12. Werbel WA, Brown DM, Kusemiju OT, Doby BL, Seaman SM, Redd AD, Eby Y, Fernandez RE, Desai NM, Miller J, Bismut GA, Kirby CS, Schmidt HA, Clarke WA, Seisa M, Petropoulos CJ, Quinn TC, Florman SS, Huprikar S, Rana MM, Friedman-Moraco RJ, Mehta AK, Stock PG, Price JC, Stosor V, Mehta SG, Gilbert AJ, Elias N, Morris MI, Mehta SA, Small CB, Haidar G, **Malinis M**, Husson JS, Pereira MR, Gupta G, Hand J, Kirchner VA, Agarwal A, Aslam S, Blumberg EA, Wolfe CR, Myer K, Wood RP, Neidlinger N, Strell S, Shuck M, Wilkins H, Wadsworth M, Motter JD, Odum J, Segev DL, Durand CM, Tobian AAR. [National Landscape of Human Immunodeficiency Virus-Positive Deceased Organ Donors in the United States](#). *Clinical Infectious Diseases : An Official Publication Of The*

- Infectious Diseases Society Of America 2022, 74(11): 2010-2019. doi: 10.1093/cid/ciab743. PMID: 34453519.
13. Lind ML, Schultes OL, Robertson AJ, Houde AJ, Cummings DAT, **Ko AI**, Kennedy BS, Richeson RP. [Testing Frequency Matters | An Evaluation of the Diagnostic Performance of a SARS-CoV-2 Rapid Antigen Test in United States Correctional Facilities.](#) Clinical Infectious Diseases : An Official Publication Of The Infectious Diseases Society Of America 2022 doi: 10.1093/cid/ciac450. PMID: 35686341.
 14. Hitchings MDT, Ranzani OT, Lind ML, Dorion M, D'Agostini TL, de Paula RC, de Paula OFP, de Moura Villela EF, Scaramuzzini Torres MS, de Oliveira SB, Schulz W, Almiron M, Said R, de Oliveira RD, Vieira da Silva P, de Araújo WN, Gorinchteyn JC, Dean NE, Andrews JR, Cummings DAT, **Ko AI**, Croda J. [Change in covid-19 risk over time following vaccination with CoronaVac: test negative case-control study.](#) BMJ (Clinical Research Ed.) 2022, 377: e070102. doi: 10.1136/bmj-2022-070102. PMID: 35697361.
 15. Collora JA, Liu R, Pinto-Santini D, Ravindra N, Ganoza C, Lama JR, Alfaro R, Chiarella J, Spudich S, Mounzer K, Tebas P, Montaner LJ, van Dijk D, Duerr A, **Ho YC**. Single-cell multiomics reveals persistence of HIV-1 in expanded cytotoxic T cell clones. Immunity 2022, 55(6): 1013-1031.e7. doi: 10.1016/j.immuni.2022.03.004. PMID: 35320704.
 16. Frew PM, Gonzalez-Casanova I, Otieno NA, Malik FA, Fenimore VL, Owino D, Adero MO, Atito RO, Bigogod G, Chaves SS, Verani JR, Alain Widdowson M, **Omer SB**. [Development of effective messages to promote maternal immunization in Kenya.](#) Vaccine 2022, 40(27): 3761-3770. doi: 10.1016/j.vaccine.2022.05.014. PMID: 35599037.
 17. **Ssenyange G**, Kerfoot M, **Zhao M**, **Farhadian S**, Chen S, Peng L, Ren P, Dela Cruz CS, Gupta S, **Sutton RE**. [Development of an efficient reproducible cell-cell transmission assay for rapid quantification of SARS-CoV-2 Spike interaction with hACE2.](#) Cell Reports Methods 2022, 100252. doi: 10.1016/j.crmeth.2022.100252. PMID: 35757815. PMCID: PMC9213030.
 18. Dutta D, Naiyer S, Mansuri S, Soni N, Singh V, Bhat KH, Singh N, **Arora G**, Mansuri MS. [COVID-19 Diagnosis: A Comprehensive Review of the RT-qPCR Method for Detection of SARS-CoV-2.](#) Diagnostics (Basel, Switzerland) 2022, 12(6) doi: 10.3390/diagnostics12061503. PMID: 35741313.
 19. Gartland M, Cahn P, DeJesus E, Diaz RS, Grossberg R, **Kozal M**, Kumar P, Molina JM, Mendo Urbina F, Wang M, Du F, Chabria S, Clark A, Garside L, Krystal M, Mannino F, Pierce A, Ackerman P, **Lataillade M**. [Week 96 Genotypic and Phenotypic Results of the Fostemsavir Phase 3 BRIGHT Study in Heavily Treatment-Experienced Adults Living with Multidrug-Resistant HIV-1.](#) Antimicrobial Agents And Chemotherapy 2022, 66(6): e0175121. doi: 10.1128/aac.01751-21. PMID: 35502922.
 20. Pedersen SF, Collora JA, Kim RN, Yang K, Razmi A, Catalano AA, Yeh YJ, Mounzer K, Tebas P, Montaner LJ, **Ho YC**. [Inhibition of a Chromatin and Transcription Modulator, SLTM, Increases HIV-1 Reactivation Identified by a CRISPR Inhibition Screen.](#) Journal Of Virology 2022, e0057722. doi: 10.1128/jvi.00577-22. PMID: 35730977.
 21. Mayr FB, Talisa VB, Castro AD, Shaikh OS, **Omer SB**, Butt AA. [COVID-19 disease severity in US Veterans infected during Omicron and Delta variant predominant periods.](#) Nature Communications 2022, 13(1): 3647. doi: 10.1038/s41467-022-31402-4. PMID: 35752687.

Medical Oncology

1. Giner-Calabuig M, De Leon S, Wang J, Fehlmann TD, Ukaegbu C, Gibson J, Alustiza-Fernandez M, Pico MD, Alenda C, Herraiz M, Carrillo-Palau M, Salces I, Reyes J, Ortega SP, Obrador-Hevia A, **Cecchini M**, Syngal S, Stoffel E, Ellis NA, Sweasy J, Jover R, Llor X, Xicola RM. [Mutational signature profiling classifies subtypes of clinically different mismatch-repair-deficient tumours with a differential immunogenic response potential](#). British Journal Of Cancer 2022, 126(11): 1595-1603. doi: 10.1038/s41416-022-01754-1. PMID: 35197584.
2. **Presley CJ**, Kaur K, Han L, Soulos PR, Zhu W, Corneau E, O'Leary JR, **Chao H**, Shamas T, **Rose MG**, Lorenz KA, Levy CR, Mor V, Gross CP. [Aggressive End-of-Life Care in the Veterans Health Administration versus Fee-for-Service Medicare among Patients with Advanced Lung Cancer](#). Journal Of Palliative Medicine 2022, 25(6): 932-939. doi: 10.1089/jpm.2021.0436. PMID: 35363053.
3. **Presley CJ**, Arrato NA, Shields PG, Carbone DP, Wong ML, Benedict J, Reisinger SA, Han L, Gill TM, Allore H, Andersen BL, Janse S. [Functional Trajectories and Resilience Among Adults With Advanced Lung Cancer](#). JTO Clinical And Research Reports 2022, 3(6): 100334. doi: 10.1016/j.jtocrr.2022.100334. PMID: 35719868. PMCID: PMC9198463.
4. Leveille E, Chan LN, **Mirza AS**, Kume K, Müschen M. [SYK and ZAP70 kinases in autoimmunity and lymphoid malignancies](#). Cellular Signalling 2022, 94: 110331. doi: 10.1016/j.cellsig.2022.110331. PMID: 35398488.
5. Amigo M, Hoffman K, Chung C, **Lustberg M**, Wesolowski R, VanDeusen J, Stover D, Suarez GT, Cherian M, Kaffenberger B, Dulmage B. [Presentation and management of diverse cutaneous reactions after cyclin-dependent kinase 4/6 inhibitor use](#). Journal Of The American Academy Of Dermatology 2022, 86(6): 1346-1348. doi: 10.1016/j.jaad.2021.04.092. PMID: 33961922.
6. Majem M, Goldman JW, John T, Grohe C, Laktionov K, Kim SW, Kato T, Vu HV, Lu S, Li S, Lee KY, Akewanlop C, Yu CJ, de Marinis F, Bonanno L, Domine M, Shepherd FA, Atagi S, Zeng L, Kulkarni D, Medic N, Tsuboi M, **Herbst RS**, Wu YL. [Health-Related Quality of Life Outcomes in Patients with Resected Epidermal Growth Factor Receptor-Mutated Non-Small Cell Lung Cancer Who Received Adjuvant Osimertinib in the Phase III ADAURA Trial](#). Clinical Cancer Research : An Official Journal Of The American Association For Cancer Research 2022, 28(11): 2286-2296. doi: 10.1158/1078-0432.CCR-21-3530. PMID: 35012927.
7. Hercules SM, Liu X, Basse-archibong BBI, Skeete DHA, Smith Connell S, Daramola A, Banjo AA, Ebughe G, Agan T, Ekanem IO, Udosen J, Obiorah C, Ojule AC, Misauno MA, Dauda AM, Egbujo EC, Hercules JC, Ansari A, Brain I, MacColl C, Xu Y, Jin Y, Chang S, Carpten JD, Bédard A, Pond GR, **Blenman KRM**, Manojlovic Z, Daniel JM. [Analysis of the genomic landscapes of Barbadian and Nigerian women with triple negative breast cancer](#). Cancer Causes & Control : CCC 2022, 33(6): 831-841. doi: 10.1007/s10552-022-01574-x. PMID: 35384527. PMCID: PMC9085672.
8. Powles T, Park SH, Voog E, Caserta C, Valderrama BP, Gurney H, Kalofonos H, Radulovic S, Demey W, Ullén A, Loriot Y, Sridhar SS, Tsuchiya N, Kopyltsov E, Sternberg CN, Bellmunt J, Aragon-Ching JB, **Petrylak DP**, Laliberte RJ, Huang B, Costa N, Blake-Haskins JA, Grivas P. [Plain language summary of results from the JAVELIN Bladder 100 study: avelumab maintenance treatment for advanced urothelial cancer](#). Future Oncology (London, England) 2022, 18(19): 2361-2371. doi: 10.2217/fon-2021-1631. PMID: 35416053.
9. Andre F, Ismaila N, Allison KH, Barlow WE, Collyar DE, Damodaran S, Henry NL, Jhaveri K, Kalinsky K, Kuderer NM, Litvak A, Mayer EL, **Pusztai L**, Raab R, Wolff AC, Stearns V. [Biomarkers for Adjuvant Endocrine and Chemotherapy in Early-Stage Breast Cancer: ASCO Guideline Update](#). Journal Of

- Clinical Oncology : Official Journal Of The American Society Of Clinical Oncology 2022, 40(16): 1816-1837. doi: 10.1200/JCO.22.00069. PMID: 35439025.
10. Wooster M, McGuinness JE, **Fenn KM**, Singh VM, Franks LE, Lee S, Cieremans D, Lassman AB, Hershman DL, Crew KD, Accordini MK, Trivedi MS, Iwamoto F, Welch MR, Haggiagi A, Schultz RD, Huynh L, Sales E, Fisher D, Mayer JA, Kreisl T, Kalinsky K. [Diagnosis of Leptomeningeal Metastasis in Women With Breast Cancer Through Identification of Tumor Cells in Cerebrospinal Fluid Using the CNSide™ Assay](#). Clinical Breast Cancer 2022, 22(4): e457-e462. doi: 10.1016/j.clbc.2021.11.002. PMID: 34920954. PMCID: PMC9106761.
 11. Lopez de Rodas M, Nagineni V, Ravi A, Datar IJ, Mino-Kenudson M, Corredor G, Barrera C, Behlman L, **Rimm DL**, **Herbst RS**, Madabhushi A, Riess JW, Velcheti V, Hellmann MD, Gainor J, **Schalper KA**. [Role of tumor infiltrating lymphocytes and spatial immune heterogeneity in sensitivity to PD-1 axis blockers in non-small cell lung cancer](#). Journal For Immunotherapy Of Cancer 2022, 10(6) doi: 10.1136/jitc-2021-004440. PMID: 35649657.
 12. **Eder JP**. [Reply to E. Rosenbaum et al.](#) JCO Precision Oncology 2022, 6: e2200136. doi: 10.1200/PO.22.00136. PMID: 35675573.
 13. Wierda WG, Brown J, Abramson JS, Awan F, **Bilgrami SF**, Bociek G, Brander D, Chanan-Khan AA, Coutre SE, Davis RS, Eradat H, Fletcher CD, Gaballa S, Ghobadi A, Hamid MS, Hernandez-Ilizaliturri F, Hill B, Kaesberg P, Kamdar M, Kaplan LD, Khan N, Kipps TJ, Ma S, Mato A, Mosse C, Schuster S, Siddiqi T, Stephens DM, Ujjani C, Wagner-Johnston N, Woyach JA, Ye JC, Dwyer MA, Sundar H. [NCCN Guidelines® Insights: Chronic Lymphocytic Leukemia/Small Lymphocytic Lymphoma, Version 3.2022](#). Journal Of The National Comprehensive Cancer Network : JNCCN 2022, 20(6): 622-634. doi: 10.6004/jnccn.2022.0031. PMID: 35714675.
 14. Wang X, Barrera C, Bera K, Viswanathan VS, Azarianpour-Esfahani S, Koyuncu C, Velu P, Feldman MD, Yang M, Fu P, **Schalper KA**, Mahdi H, Lu C, Velcheti V, Madabhushi A. [Spatial interplay patterns of cancer nuclei and tumor-infiltrating lymphocytes \(TILs\) predict clinical benefit for immune checkpoint inhibitors](#). Science Advances 2022, 8(22): eabn3966. doi: 10.1126/sciadv.abn3966. PMID: 35648850.
 15. Ding R, Prasanna P, Corredor G, Barrera C, Zens P, Lu C, Velu P, Leo P, Beig N, Li H, Toro P, Berezowska S, Baxi V, Balli D, Belete M, **Rimm DL**, Velcheti V, **Schalper K**, Madabhushi A. [Image analysis reveals molecularly distinct patterns of TILs in NSCLC associated with treatment outcome](#). NPJ Precision Oncology 2022, 6(1): 33. doi: 10.1038/s41698-022-00277-5. PMID: 35661148.
 16. Cho BC, **Goldberg SB**, Kim DW, Socinski MA, Burns TF, Lwin Z, Pathan N, Ma WD, Masters JC, Cossons N, Wilner K, Nishio M, Husain H. [A phase 1b/2 study of PF-06747775 as monotherapy or in combination with Palbociclib in patients with epidermal growth factor receptor mutant advanced non-small cell lung cancer](#). Expert Opinion On Investigational Drugs 2022, 1-11. doi: 10.1080/13543784.2022.2075341. PMID: 35657653.
 17. Lipsyc-Sharf M, de Bruin EC, Santos K, McEwen R, Stetson D, Patel A, Kirkner GJ, Hughes ME, Tolaney SM, Partridge AH, Krop IE, Knape C, Feger U, Marsico G, Howarth K, **Winer EP**, Lin NU, Parsons HA. [Circulating Tumor DNA and Late Recurrence in High-Risk Hormone Receptor-Positive, Human Epidermal Growth Factor Receptor 2-Negative Breast Cancer](#). Journal Of Clinical Oncology : Official Journal Of The American Society Of Clinical Oncology 2022, JCO2200908. doi: 10.1200/JCO.22.00908. PMID: 35658506.

18. Chaudhry MS, Spahn J, Patel S, **Fuchs CS**, Lauchle J, Kolatkar N, Richie N, Highsmith Q, McKenzie M, Bhagat R. [Myths about diversity in clinical trials reduce return on investment for industry](#). Nature Medicine 2022 doi: 10.1038/s41591-022-01858-4. PMID: 35668180.
19. Stavrou E, Qiu J, Zafar A, Tramontano AC, Isakoff S, **Winer E**, Schrag D, Manz C. [Breast Medical Oncologists' Perspectives of Telemedicine for Breast Cancer Care: A Survey Study](#). JCO Oncology Practice 2022, OP2200072. doi: 10.1200/OP.22.00072. PMID: 35671420.
20. Lee S, Ma C, Zhang S, Ou FS, Bainter TM, Niedzwiecki D, Saltz LB, Mayer RJ, Whittom R, Hantel A, Benson A, Atienza D, Kindler H, Gross CP, Irwin ML, Meyerhardt JA, **Fuchs CS**. [Marital Status, Living Arrangement, and Cancer Recurrence and Survival in Patients with Stage III Colon Cancer: Findings from CALGB 89803 \(Alliance\)](#). The Oncologist 2022, 27(6): e494-e505. doi: 10.1093/oncolo/oyab070. PMID: 35641198.
21. Stenzl A, Szmulewitz RZ, **Petrylak D**, Holzbeierlein J, Villers A, Azad A, Alcaraz A, Alekseev B, Iguchi T, Shore ND, Gomez-Veiga F, Ivanescu C, Rosbrook B, Ramaswamy K, Ganguli A, Haas GP, Armstrong AJ. [The impact of enzalutamide on quality of life in men with metastatic hormone-sensitive prostate cancer based on prior therapy, risk, and symptom subgroups](#). The Prostate 2022 doi: 10.1002/pros.24396. PMID: 35675470.
22. Chaudhary S, Roy A, Summers C, Zhornitsky S, Ahles T, Li CR, **Chao HH**. [Hypothalamic connectivities predict individual differences in ADT-elicited changes in working memory and quality of life in prostate cancer patients](#). Scientific Reports 2022, 12(1): 9567. doi: 10.1038/s41598-022-13361-4. PMID: 35688928.
23. **Blenman KRM, Marczyk M**, Karn T, **Qing T**, Li X, **Gunasekharan V**, Yaghoobi V, Bai Y, Ibrahim EY, Park T, **Silber A**, Wolf DM, Reisenbichler E, Denkert C, Sinn BV, **Rozenblit M, Foldi J, Rimm DL, Loibl S, Pusztai L**. [Predictive Markers of Response to Neoadjuvant Durvalumab with Nab-Paclitaxel and Dose-Dense Doxorubicin/Cyclophosphamide in Basal-Like Triple-Negative Breast Cancer](#). Clinical Cancer Research : An Official Journal Of The American Association For Cancer Research 2022, 28(12): 2587-2597. doi: 10.1158/1078-0432.CCR-21-3215. PMID: 35377948.
24. Wolf DM, Yau C, Wulfkuhle J, Brown-Swigart L, Gallagher RI, Lee PRE, Zhu Z, Magbanua MJ, Sayaman R, O'Grady N, Basu A, Delson A, Coppé JP, Lu R, Braun J, Asare SM, Sit L, Matthews JB, Perlmutter J, Hylton N, Liu MC, Pohlmann P, Symmans WF, Rugo HS, Isaacs C, DeMichele AM, Yee D, Berry DA, **Pusztai L**, Petricoin EF, Hirst GL, Esserman LJ, van 't Veer LJ. [Redefining breast cancer subtypes to guide treatment prioritization and maximize response: Predictive biomarkers across 10 cancer therapies](#). Cancer Cell 2022, 40(6): 609-623.e6. doi: 10.1016/j.ccell.2022.05.005. PMID: 35623341.
25. **Herbst RS, Wang M, Chen L**. [When immunotherapy meets surgery in non-small cell lung cancer](#). Cancer Cell 2022, 40(6): 603-605. doi: 10.1016/j.ccell.2022.05.010. PMID: 35660136.
26. Xiang J, Chow R, Reynoso A, Carafeno T, **Deshpande H**, Strait M, **Prsic E**. [Association Between Postdischarge Medical Oncology Follow-Up Appointments and Downstream Health Care Use: A Single-Institution Experience](#). JCO Oncology Practice 2022, OP2100868. doi: 10.1200/OP.21.00868. PMID: 35696632.
27. **Di M**, Cui C, Kothari S, Zeidan AM, Podoltsev NA, Neparidze N, Shallis RM, Wang R, Ma X, Huntington SF. [Survival of mantle cell lymphoma in the era of Bruton tyrosine kinase inhibitors: a population-based analysis](#). Blood Advances 2022, 6(11): 3339-3342. doi: 10.1182/bloodadvances.2021006934. PMID: 35240689.

28. **Kim TK**, Vandsemb EN, **Herbst RS**, **Chen L**. [Adaptive immune resistance at the tumour site: mechanisms and therapeutic opportunities](#). Nature Reviews. Drug Discovery 2022 doi: 10.1038/s41573-022-00493-5. PMID: 35701637.
29. Kim TW, Burris HA, de Miguel Luken MJ, Pishvaian MJ, Bang YJ, Gordon M, Awada A, Camidge DR, Hodi FS, McArthur GA, Miller WH, Cervantes A, Chow LQ, Lesokhin AM, Rutten A, **Sznol M**, Rishipathak D, Chen SC, Stefanich E, Pourmohamad T, Anderson M, Kim J, Huseni M, Rhee I, Siu LL. [First-In-Human Phase I Study of the OX40 Agonist MOXR0916 in Patients with Advanced Solid Tumors](#). Clinical Cancer Research : An Official Journal Of The American Association For Cancer Research 2022 doi: 10.1158/1078-0432.CCR-21-4020. PMID: 35699599.
30. Acs B, Leung SCY, Kidwell KM, Arun I, Augulis R, Badve SS, Bai Y, Bane AL, Bartlett JMS, Bayani J, Bigras G, Blank A, Buikema H, Chang MC, Dietz RL, Dodson A, Fineberg S, Focke CM, Gao D, Gown AM, Gutierrez C, Hartman J, Kos Z, Lænkholm AV, Laurinavicius A, Levenson RM, Mahboubi-Ardakani R, Mastropasqua MG, Nofech-Mozes S, Osborne CK, Penault-Llorca FM, Piper T, Quintayo MA, Rau TT, Reinhard S, Robertson S, Salgado R, Sugie T, van der Vegt B, Viale G, Zabaglio LA, Hayes DF, Dowsett M, Nielsen TO, **Rimm DL**. [Systematically higher Ki67 scores on core biopsy samples compared to corresponding resection specimen in breast cancer: a multi-operator and multi-institutional study](#). Modern Pathology : An Official Journal Of The United States And Canadian Academy Of Pathology, Inc 2022 doi: 10.1038/s41379-022-01104-9. PMID: 35729220.
31. Cercek A, Lumish M, Sinopoli J, Weiss J, Shia J, Lamendola-Essel M, El Dika IH, Segal N, Shcherba M, Sugarman R, Stadler Z, Yaeger R, Smith JJ, Rousseau B, Argiles G, Patel M, Desai A, Saltz LB, Widmar M, Iyer K, **Zhang J**, Gianino N, Crane C, Romesser PB, Pappou EP, Paty P, Garcia-Aguilar J, Gonen M, Gollub M, Weiser MR, **Schalper KA**, Diaz LA. [PD-1 Blockade in Mismatch Repair-Deficient, Locally Advanced Rectal Cancer](#). The New England Journal Of Medicine 2022, 386(25): 2363-2376. doi: 10.1056/NEJMoa2201445. PMID: 35660797.
32. **Oria VO**, Zhang H, Zito CR, Rane CK, **Ma XY**, Provance OK, **Tran TT**, Adeniran A, Kluger Y, **Sznol M**, Bosenberg MW, **Kluger HM**, **Jilaveanu LB**. [Coupled fibromodulin and SOX2 signaling as a critical regulator of metastatic outgrowth in melanoma](#). Cellular And Molecular Life Sciences : CMLS 2022, 79(7): 377. doi: 10.1007/s00018-022-04364-5. PMID: 35737114.

Nephrology

1. Wang Y, Li F, Chu C, Zhang X, Zhang XY, Liao YY, Du MF, Zou T, Ma Q, Chen C, Wang D, Wang KK, Yan Y, Sun Y, Hu GL, Jia H, Li H, Niu ZJ, Yan RC, Man ZY, Wang L, Luo WJ, Zhang J, Li CH, Lu WH, Chang J, **Safirstein R**, Lu Y, Mu JJ. [Early life body mass index trajectories and albuminuria in midlife: A 30-year prospective cohort study](#). EclinicalMedicine 2022, 48: 101420. doi: 10.1016/j.eclinm.2022.101420. PMID: 35516445. PMCID: PMC9065297.
2. Esposito AC, White EM, Coppersmith NA, **Huot SJ**, Asnes AG, Yoo PS, Solomon DG. [Proxy Detection of Resident Burnout by Program Directors and Domestic Partners](#). Journal Of The American College Of Surgeons 2022, 234(6): 1111-1117. doi: 10.1097/XCS.000000000000169. PMID: 35703807.
3. Gutiérrez OM, Shlipak MG, Katz R, Waikar SS, Greenberg JH, Schrauben SJ, **Coca S**, **Parikh CR**, Vasan RS, Feldman HI, Kimmel PL, Cushman M, Bonventre JV, Sarnak MJ, Ix JH. [Associations of Plasma Biomarkers of Inflammation, Fibrosis, and Kidney Tubular Injury With Progression of Diabetic Kidney Disease: A Cohort Study](#). American Journal Of Kidney Diseases : The Official Journal Of The National Kidney Foundation 2022, 79(6): 849-857.e1. doi: 10.1053/j.ajkd.2021.09.018. PMID: 34752914. PMCID: PMC9072594.

4. Chu L, Phung D, **Crowley S**, Dubrow R. [Relationships between short-term ambient temperature exposure and kidney disease hospitalizations in the warm season in Vietnam: A case-crossover study](#). Environmental Research 2022, 209: 112776. doi: 10.1016/j.envres.2022.112776. PMID: 35074348.
5. McCoy IE, Hsu JY, Bonventre JV, **Parikh C**, Go AS, Liu KD, Ricardo AC, Srivastava A, Cohen DL, He J, Chen J, Rao PS, Hsu CY. [Acute Kidney Injury Associates with Long-Term Increases in Plasma TNFR1, TNFR2, and KIM-1: Findings from the CRIC Study](#). Journal Of The American Society Of Nephrology : JASN 2022, 33(6): 1173-1181. doi: 10.1681/ASN.2021111453. PMID: 35296554.
6. Melena I, Piani F, Tommerdahl KL, Severn C, Chung LT, MacDonald A, Vinovskis C, Cherney D, Pyle L, Roncal-Jimenez CA, Lanaspa MA, Rewers A, van Raalte DH, Cara-Fuentes G, **Parikh CR**, Nelson RG, Pavkov ME, Nadeau KJ, Johnson RJ, Bjornstad P. [Aminoaciduria and metabolic dysregulation during diabetic ketoacidosis: Results from the diabetic kidney alarm \(DKA\) study](#). Journal Of Diabetes And Its Complications 2022, 36(6): 108203. doi: 10.1016/j.jdiacomp.2022.108203. PMID: 35523653. PMCID: PMC9119939.
7. **Shin NS**, Marlier A, **Xu L**, Doilicho N, Linberg D, **Guo J**, **Cantley LG**. [Arginase-1 Is Required for Macrophage-Mediated Renal Tubule Regeneration](#). Journal Of The American Society Of Nephrology : JASN 2022, 33(6): 1077-1086. doi: 10.1681/ASN.2021121548. PMID: 35577558.
8. **Ghazi L**, Yamamoto Y, Riello RJ, Coronel-Moreno C, Martin M, O'Connor KD, Simonov M, Huang J, Olufade T, McDermott J, Dhar R, Inzucchi SE, Velazquez EJ, **Wilson FP**, Desai NR, Ahmad T. Electronic Alerts to Improve Heart Failure Therapy in Outpatient Practice: A Cluster Randomized Trial. Journal Of The American College Of Cardiology 2022, 79(22): 2203-2213. doi: 10.1016/j.jacc.2022.03.338. PMID: 35385798.

Pulmonary, Critical Care & Sleep Medicine

1. Cummins E, Waseem R, Piyasena D, Wang CY, Suen C, Ryan C, Wong J, **Kryger M**, Chung F. [Can the complete blood count be used as a reliable screening tool for obstructive sleep apnea?](#) Sleep & Breathing = Schlaf & Atmung 2022, 26(2): 613-620. doi: 10.1007/s11325-021-02383-3. PMID: 34185230.
2. **Tanoue LT**, **Sather P**, Cortopassi I, Dicks D, Curtis A, Michaud G, Bader A, Gange C, Detterbeck F, Killam J. [Standardizing the Reporting of Incidental, Non-Lung Cancer \(Category S\) Findings Identified on Lung Cancer Screening Low-Dose CT Imaging](#). Chest 2022, 161(6): 1697-1706. doi: 10.1016/j.chest.2021.12.662. PMID: 35032477.
3. Cobert J, Jeon SY, Boscardin J, Chapman AC, **Ferrante LE**, Lee S, Smith AK. [Trends in Geriatric Conditions Among Older Adults Admitted to US ICUs Between 1998 and 2015](#). Chest 2022, 161(6): 1555-1565. doi: 10.1016/j.chest.2021.12.658. PMID: 35026299.
4. De Sadeleer LJ, Verleden SE, **Schupp JC**, **McDonough JE**, Goos T, Yserbyt J, Bargagli E, Rottoli P, **Kaminski N**, Prasse A, Wuyts WA. [BAL Transcriptomes Characterize Idiopathic Pulmonary Fibrosis Endotypes With Prognostic Impact](#). Chest 2022, 161(6): 1576-1588. doi: 10.1016/j.chest.2021.12.668. PMID: 35063449.
5. Griffith MF, O'Brien JK, Sergew A, Wynia MK, Carno M, **Akgün KM**. [Profiling, Privacy, and Protection: Ethical Guidance When Police Are Present at Bedside](#). Annals Of The American Thoracic Society 2022, 19(6): 890-894. doi: 10.1513/AnnalsATS.202111-1245PS. PMID: 35081329.

6. **Britto CJ.** [Charting a New Path: A Single-Cell Atlas of Porcine Cystic Fibrosis Airways at Birth.](#) American Journal Of Respiratory Cell And Molecular Biology 2022, 66(6): 585-586. doi: 10.1165/rcmb.2022-0065ED. PMID: 35294854.
7. Uthaya Kumar DB, Motakis E, Yurieva M, Kohar V, Martinek J, Wu TC, **Khoury J**, Grassmann J, Lu M, Palucka K, **Kaminski N**, Koff JL, Williams A. [Bronchial epithelium epithelial-mesenchymal plasticity forms aberrant basaloid-like cells in vitro.](#) American Journal Of Physiology. Lung Cellular And Molecular Physiology 2022, 322(6): L822-L841. doi: 10.1152/ajplung.00254.2021. PMID: 35438006.
8. **Kryger MH.** [Awakening.](#) Sleep Health 2022, 8(3): 259-260. doi: 10.1016/j.sleh.2022.04.004. PMID: 35534389.
9. Eckert DJ, **Yaggi HK.** [Opioid Use Disorder, Sleep Deficiency, and Ventilatory Control: Bidirectional Mechanisms and Therapeutic Targets.](#) American Journal Of Respiratory And Critical Care Medicine 2022 doi: 10.1164/rccm.202108-2014CI. PMID: 35649170.
10. Langstengel J, **Yaggi HK.** [Sleep Deficiency and Opioid Use Disorder: Trajectory, Mechanisms, and Interventions.](#) Clinics In Chest Medicine 2022, 43(2): e1-e14. doi: 10.1016/j.ccm.2022.05.001. PMID: 35659031.
11. **Mansour W, Knauert M.** [Adding Insult to Injury: Sleep Deficiency in Hospitalized Patients.](#) Clinics In Chest Medicine 2022, 43(2): 287-303. doi: 10.1016/j.ccm.2022.02.009. PMID: 35659026.
12. **Adekolu O, Zinchuk A.** [Sleep Deficiency in Obstructive Sleep Apnea.](#) Clinics In Chest Medicine 2022, 43(2): 353-371. doi: 10.1016/j.ccm.2022.02.013. PMID: 35659030.
13. **Knauert MP.** [Sleep Deficiency and Health.](#) Clinics In Chest Medicine 2022, 43(2): xiii-xiv. doi: 10.1016/j.ccm.2022.02.014. PMID: 35659032.
14. Damsky W, Wang A, Kim DJ, Young BD, Singh K, Murphy MJ, Daccache J, Clark A, Ayasun R, **Ryu C**, McGeary MK, Odell ID, Fazzone-Chettiar R, Pucar D, **Homer R, Gulati M**, Miller EJ, Bosenberg M, Flavell RA, King B. [Inhibition of type 1 immunity with tofacitinib is associated with marked improvement in longstanding sarcoidosis.](#) Nature Communications 2022, 13(1): 3140. doi: 10.1038/s41467-022-30615-x. PMID: 35668129.
15. Cui H, Xie N, Banerjee S, Dey T, Liu RM, Antony VB, Sanders YY, Adams TS, **Gomez JL**, Thannickal VJ, **Kaminski N**, Liu G. [CD38 Mediates Lung Fibrosis by Promoting Alveolar Epithelial Cell Aging.](#) American Journal Of Respiratory And Critical Care Medicine 2022 doi: 10.1164/rccm.202109-2151OC. PMID: 35687485.
16. Yang CX, Tomchaney M, Landecho MF, Zamacona BR, Marin Oto M, Zulueta J, Malo J, Knoper S, Contoli M, Papi A, Vasilescu DM, **Sauler M**, Straub C, Tan C, Martinez FD, Bhattacharya D, Rosas IO, Kheradmand F, Hackett TL, Polverino F. [Lung Spatial Profiling Reveals a T Cell Signature in COPD Patients with Fatal SARS-CoV-2 Infection.](#) Cells 2022, 11(12) doi: 10.3390/cells11121864. PMID: 35740993.
17. Lee JH, Lee CM, Lee JH, Kim MO, Park JW, Kamle S, Akosman B, **Herzog EL**, Peng XY, Elias JA, Lee CG. [Kasugamycin is a Novel Chitinase 1 Inhibitor with Strong Antifibrotic Effects on Pulmonary Fibrosis.](#) American Journal Of Respiratory Cell And Molecular Biology 2022 doi: 10.1165/rcmb.2021-0156OC. PMID: 35679109.
18. Justet A, Zhao AY, **Kaminski N.** [From COVID to fibrosis: lessons from single-cell analyses of the human lung.](#) Human Genomics 2022, 16(1): 20. doi: 10.1186/s40246-022-00393-0. PMID: 35698166.
19. Ssenyange G, Kerfoot M, Zhao M, Farhadian S, Chen S, Peng L, Ren P, **Dela Cruz CS**, Gupta S, Sutton RE. [Development of an efficient reproducible cell-cell transmission assay for rapid quantification of](#)

- [SARS-CoV-2 Spike interaction with hACE2](#). Cell Reports Methods 2022, 100252. doi: 10.1016/j.crmeth.2022.100252. PMID: 35757815. PMCID: PMC9213030.
20. Feder SL, Murphy TE, Abel EA, **Akgün KM**, Warraich HJ, Ersek M, Fried T, Redeker NS. [Incidence and Trends in the Use of Palliative Care among Patients with Reduced, Middle-Range, and Preserved Ejection Fraction Heart Failure](#). Journal Of Palliative Medicine 2022 doi: 10.1089/jpm.2022.0093. PMID: 35763838.

Rheumatology, Allergy & Immunology

1. Sefik E, Israelow B, Mirza H, Zhao J, Qu R, Kaffe E, Song E, Halene S, **Meffre E**, Kluger Y, Nussenzweig M, Wilen CB, Iwasaki A, Flavell RA. [A humanized mouse model of chronic COVID-19](#). Nature Biotechnology 2022, 40(6): 906-920. doi: 10.1038/s41587-021-01155-4. PMID: 34921308.
2. Sefik E, Qu R, Junqueira C, Kaffe E, Mirza H, Zhao J, Brewer JR, Han A, Steach HR, Israelow B, Blackburn HN, Velazquez SE, Chen YG, Halene S, Iwasaki A, **Meffre E**, Nussenzweig M, Lieberman J, Wilen CB, Kluger Y, Flavell RA. [Inflammasome activation in infected macrophages drives COVID-19 pathology](#). Nature 2022, 606(7914): 585-593. doi: 10.1038/s41586-022-04802-1. PMID: 35483404.
3. Leone DM, **Park HJ**, **Unlu S**, Gurvitz M, **Kang I**, Elder RW. [T Cell Response to Influenza Vaccination Remains Intact in Adults with Congenital Heart Disease Who Underwent Early Thymectomy](#). International Journal Of Cardiology. Congenital Heart Disease 2022, 8 doi: 10.1016/j.ijcchd.2022.100359. PMID: 35600131. PMCID: PMC9122016.
4. Deodhar A, Chakravarty SD, Shiff NJ, Lo KH, Xu S, Hsia EC, **Danve A**, Reveille JD. [Efficacy and Safety of Intravenous Golimumab in Patients With Ankylosing Spondylitis and Complete Spinal Ankylosis: Results Through Week 52 of the GO-ALIVE Study](#). Journal Of Clinical Rheumatology : Practical Reports On Rheumatic & Musculoskeletal Diseases 2022 doi: 10.1097/RHU.0000000000001857. PMID: 35649533.
5. **Hsiao B**, Downs J, Lanyon M, Blalock SJ, Curtis JR, Harrold LR, Nowell WB, Wiedmeyer C, Venkatachalam S, **Fraenkel L**. [Rheumatologist and Patient Mental Models for Treatment of Rheumatoid Arthritis Help Explain Low Treat-to-Target Rates](#). ACR Open Rheumatology 2022 doi: 10.1002/acr2.11443. PMID: 35665497.
6. Damsky W, **Wang A**, Kim DJ, Young BD, Singh K, Murphy MJ, Daccache J, Clark A, Ayasun R, Ryu C, McGeary MK, Odell ID, Fazzone-Chettiar R, Pucar D, Homer R, Gulati M, Miller EJ, Bosenberg M, Flavell RA, King B. [Inhibition of type 1 immunity with tofacitinib is associated with marked improvement in longstanding sarcoidosis](#). Nature Communications 2022, 13(1): 3140. doi: 10.1038/s41467-022-30615-x. PMID: 35668129.
7. **Kwah JH**, Burn MS, Liao J, Cate J, Son M. [Outpatient penicillin allergy evaluation during pregnancy and associated clinical outcomes](#). American Journal Of Obstetrics & Gynecology MFM 2022, 100674. doi: 10.1016/j.ajogmf.2022.100674. PMID: 35691578.
8. Vandembark AA, Meza-Romero R, Wiedrick J, Gerstner G, Seifert H, Kent G, Piechycna M, Benedek G, **Bucala R**, Offner H. ["Near Cure" treatment of severe acute EAE in MIF-1-deficient female and male mice with a bifunctional MHCII-derived molecular construct](#). Cellular Immunology 2022, 378: 104561. doi: 10.1016/j.cellimm.2022.104561. PMID: 35738135.
9. Herbst RS, Wang M, Chen L. [When immunotherapy meets surgery in non-small cell lung cancer](#). Cancer Cell 2022, 40(6): 603-605. doi: 10.1016/j.ccell.2022.05.010. PMID: 35660136.
10. Eisenstein A, Hilliard BK, Pope SD, Zhang C, Taskar P, Waizman DA, Israni-Winger K, Tian H, Luan HH, **Wang A**. [Activation of the transcription factor NRF2 mediates the anti-inflammatory properties](#)

- [of a subset of over-the-counter and prescription NSAIDs](#). Immunity 2022, 55(6): 1082-1095.e5. doi: 10.1016/j.immuni.2022.04.015. PMID: 35588739.
11. Kim TK, Vandsemb EN, Herbst RS, Chen L. [Adaptive immune resistance at the tumour site: mechanisms and therapeutic opportunities](#). Nature Reviews. Drug Discovery 2022 doi: 10.1038/s41573-022-00493-5. PMID: 35701637.
 12. Yoshida TM, **Wang A**, Hafler DA. [Basic principles of neuroimmunology](#). Seminars In Immunopathology 2022 doi: 10.1007/s00281-022-00951-7. PMID: 35732977.
 13. Franks JM, Toledo DM, Martyanov V, Wang Y, Huang S, Wood TA, Spino C, Chung L, Denton C, Derrett-Smith E, Gordon JK, Spiera R, Domsic R, **Hinchcliff M**, Khanna D, Whitfield ML. [A Genomic Meta-Analysis of Clinical Variables and Their Association with Intrinsic Molecular Subsets in Systemic Sclerosis](#). Rheumatology (Oxford, England) 2022 doi: 10.1093/rheumatology/keac344. PMID: 35751592.