Jonathan E Zuckerman

List of Publications by Year
in descending order

41 papers	5,055 citations	394390 19 h-index	302107 39 g-index
41 all docs	41 docs citations	41 times ranked	7925 citing authors

#	Article	IF	Citations
1	Evidence of RNAi in humans from systemically administered siRNA via targeted nanoparticles. Nature, 2010, 464, 1067-1070.	27.8	2,292
2	Virtual histological staining of unlabelled tissue-autofluorescence images via deep learning. Nature Biomedical Engineering, 2019, 3, 466-477.	22.5	397
3	Targeting kidney mesangium by nanoparticles of defined size. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 6656-6661.	7.1	394
4	Clinical experiences with systemically administered siRNA-based therapeutics in cancer. Nature Reviews Drug Discovery, 2015, 14, 843-856.	46.4	349
5	Correlating animal and human phase Ia/Ib clinical data with CALAA-01, a targeted, polymer-based nanoparticle containing siRNA. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 11449-11454.	7.1	325
6	Polycation-siRNA nanoparticles can disassemble at the kidney glomerular basement membrane. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3137-3142.	7.1	299
7	CRLX101 nanoparticles localize in human tumors and not in adjacent, nonneoplastic tissue after intravenous dosing. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3850-3854.	7.1	144
8	Correlating preclinical animal studies and human clinical trials of a multifunctional, polymeric nanoparticle. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 15127-15132.	7.1	126
9	Anti-apoptotic Bcl-2 Family Proteins Disassemble Ceramide Channels. Journal of Biological Chemistry, 2008, 283, 6622-6630.	3.4	110
10	Deep learning-based transformation of H&E stained tissues into special stains. Nature Communications, 2021, 12, 4884.	12.8	100
11	A multi-center retrospective cohort study defines the spectrum of kidney pathology in Coronavirus 2019 Disease (COVID-19). Kidney International, 2021, 100, 1303-1315.	5.2	90
12	Systemic delivery of siRNA nanoparticles targeting RRM2 suppresses head and neck tumor growth. Journal of Controlled Release, 2012, 159, 384-392.	9.9	78
13	siRNA Delivery to the Glomerular Mesangium Using Polycationic Cyclodextrin Nanoparticles Containing siRNA. Nucleic Acid Therapeutics, 2015, 25, 53-64.	3.6	57
14	Automated Computational Detection of Interstitial Fibrosis, Tubular Atrophy, and Glomerulosclerosis. Journal of the American Society of Nephrology: JASN, 2021, 32, 837-850.	6.1	52
15	siRNA Knockdown of Ribonucleotide Reductase Inhibits Melanoma Cell Line Proliferation Alone or Synergistically with Temozolomide. Journal of Investigative Dermatology, 2011, 131, 453-460.	0.7	39
16	Storeâ€“Operated Ca2+ Channels in Mesangial Cells Inhibit Matrix Protein Expression. Journal of the American Society of Nephrology: JASN, 2015, 26, 2691-2702.	6.1	36
17	Evolution of altered tubular metabolism and mitochondrial function in sepsis-associated acute kidney injury. American Journal of Physiology - Renal Physiology, 2020, 319, F229-F244.	2.7	31
18	The California Telepathology Service: UCLA's Experience in Deploying a Regional Digital Pathology Subspecialty Consultation Network. Journal of Pathology Informatics, 2019, 10, 31.	1.7	25

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19	Peroxidasin-mediated bromine enrichment of basement membranes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15827-15836.	7.1	21
20	De novo TRIM8 variants impair its protein localization to nuclear bodies and cause developmental delay, epilepsy, and focal segmental glomerulosclerosis. American Journal of Human Genetics, 2021, 108, 357-367.	6.2	14
21	Artificial Intelligence Assessment of Renal Scarring (AIRS Study). Kidney360, 2022, 3, 83-90.	2.1	9
22	Cancer-Associated AA Amyloidosis Presenting as Crescentic Glomerulonephritis. Kidney International Reports, 2019, 4, 882-887.	0.8	8
23	The C. elegans Bâ€cell lymphoma 2 (Bclâ€2) homolog cell death abnormal 9 (CEDâ€9) associates with and remodels LIPID membranes. Protein Science, 2011, 20, 62-74.	7.6	6
24	Small Cell Lung Cancer Presenting as a Cardiac Mass with Embolic Phenomena. American Journal of Medicine, 2017, 130, e55-e57.	1.5	6
25	Complement and Renal Thrombotic Microangiopathy Associated With Hypertension and Scleroderma. Advances in Chronic Kidney Disease, 2020, 27, 149-154.	1.4	6
26	Complement-Mediated Thrombotic Microangiopathy Associated with Lupus Nephritis Treated with Eculizumab: A Case Report. Case Reports in Nephrology and Dialysis, 2021, 11, 95-102.	0.6	6
27	Aorticorenal ganglion as a novel target for renal neuromodulation. Heart Rhythm, 2021, 18, 1745-1757.	0.7	6
28	Refractory scleroderma renal crisis precipitated after high-dose oral corticosteroids and concurrent intravitreal injection of bevacizumab. SAGE Open Medical Case Reports, 2020, 8, 2050313X2095265.	0.3	5
29	Kidney allograft infarction associated with transplant renal artery stenosis in a COVID-19 kidney transplant recipient. Clinical Nephrology Case Studies, 2021, 9, 93-104.	0.7	5
30	Osmotic Tubulopathy and Acute Thrombotic Microangiopathy in a Kidney Transplant Recipient With a Breakthrough SARS-CoV-2 Infection. Kidney Medicine, 2022, 4, 100492.	2.0	4
31	Diverse Clinical Presentations of C3 Dominant Glomerulonephritis. Frontiers in Medicine, 2020, 7, 293.	2.6	3
32	A Diverse Spectrum of Immune Complexâ€“Âand Complement-Mediated Kidney Diseases Is Associated With Mantle Cell Lymphoma. Kidney International Reports, 2022, 7, 568-579.	0.8	3
33	Ibuprofen-associated minimal change disease and acute interstitial nephritis with possibly linked membranous glomerulonephritis. SAGE Open Medical Case Reports, 2021, 9, 2050313X2110251.	0.3	2
34	Large Multinucleated Variant Endothelial Cells in Allograft Kidney Microvasculature: A Biopsy Series. Kidney Medicine, 2022, 4, 100411.	2.0	2
35	Cutaneous Fungal Masses From Prior Environmental Injury Following Kidney Transplant: A Case Report. Transplantation Proceedings, 2019, 51, 3087-3091.	0.6	1
36	Lactobacillus Endocarditis-Associated Glomerulonephritis Complicated by anti-Coagulant Nephropathy and Renal Amyloidosis. Case Reports in Pathology, 2019, 2019, 1-3.	0.3	1

#	Article	IF	Citations
37	Light and heavy chain deposition revealed by repeat renal biopsy after inconclusive initial biopsy. Nephrology @ Point of Care, 2019, 5, 205930071984499.	0.2	1
38	Acute Kidney Injury in a Patient Following Kidney Transplantation. American Journal of Kidney Diseases, 2019, 73, A15-A19.	1.9	1
39	Niemann-Pick disease type C with kidney involvement. Human Pathology: Case Reports, 2021, 23, 200486.	0.2	1
40	Sertoli-Leydig Cell Tumor of the Ovary Masquerading as a Mucinous Adenocarcinoma: A Frozen Section Pitfall. Rare Tumors, 2017, 9, 101-103.	0.6	0
41	Finding of pathological thrombomodulin gene variant in a patient with idiopathic nodular glomerulosclerosis and chronic thrombotic microangiopathy-like changes. SAGE Open Medical Case Reports, 2020, 8, 2050313X2094051.	0.3	0