

Anna Greka

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

5,306
citations

172457

29
h-index

149698

56
g-index

67
all docs

67
docs citations

67
times ranked

6239
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid vesicular translocation and insertion of TRP channels. <i>Nature Cell Biology</i> , 2004, 6, 709-720.	10.3	497
2	Cell Biology and Pathology of Podocytes. <i>Annual Review of Physiology</i> , 2012, 74, 299-323.	13.1	420
3	The mitochondria-targeted antioxidant MitoQ ameliorated tubular injury mediated by mitophagy in diabetic kidney disease via Nrf2/PINK1. <i>Redox Biology</i> , 2017, 11, 297-311.	9.0	383
4	TRPC5 is a regulator of hippocampal neurite length and growth cone morphology. <i>Nature Neuroscience</i> , 2003, 6, 837-845.	14.8	344
5	Abatacept in B7-1-Positive Proteinuric Kidney Disease. <i>New England Journal of Medicine</i> , 2013, 369, 2416-2423.	27.0	342
6	Gasdermin D pore structure reveals preferential release of mature interleukin-1. <i>Nature</i> , 2021, 593, 607-611.	27.8	298
7	Induction of TRPC6 Channel in Acquired Forms of Proteinuric Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2007, 18, 29-36.	6.1	272
8	Antagonistic Regulation of Actin Dynamics and Cell Motility by TRPC5 and TRPC6 Channels. <i>Science Signaling</i> , 2010, 3, ra77.	3.6	233
9	An Improved Canine Genome and a Comprehensive Catalogue of Coding Genes and Non-Coding Transcripts. <i>PLoS ONE</i> , 2014, 9, e91172.	2.5	206
10	Single-nucleus cross-tissue molecular reference maps toward understanding disease gene function. <i>Science</i> , 2022, 376, eabl4290.	12.6	180
11	Metabolite Profiling Identifies Markers of Uremia. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1041-2051.	6.1	175
12	Control of signaling-mediated clearance of apoptotic cells by the tumor suppressor p53. <i>Science</i> , 2015, 349, 1261669.	12.6	169
13	Inhibition of the TRPC5 ion channel protects the kidney filter. <i>Journal of Clinical Investigation</i> , 2013, 123, 5298-5309.	8.2	145
14	A small-molecule inhibitor of TRPC5 ion channels suppresses progressive kidney disease in animal models. <i>Science</i> , 2017, 358, 1332-1336.	12.6	135
15	Single cell census of human kidney organoids shows reproducibility and diminished off-target cells after transplantation. <i>Nature Communications</i> , 2019, 10, 5462.	12.8	133
16	Small Molecule Targets TMED9 and Promotes Lysosomal Degradation to Reverse Proteinopathy. <i>Cell</i> , 2019, 178, 521-535.e23.	28.9	124
17	Lipid metabolism in sickness and in health: Emerging regulators of lipotoxicity. <i>Molecular Cell</i> , 2021, 81, 3708-3730.	9.7	118
18	Discovery of Autoantibodies Targeting Nephritin in Minimal Change Disease Supports a Novel Autoimmune Etiology. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 238-252.	6.1	112

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19	Balancing Calcium Signals through TRPC5 and TRPC6 in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2011, 22, 1969-1980.	6.1	109
20	Abatacept in B7-1-Positive Proteinuric Kidney Disease. <i>New England Journal of Medicine</i> , 2014, 370, 1261-1266.	27.0	87
21	Clinical and genetic spectra of autosomal dominant tubulointerstitial kidney disease due to mutations in UMOD and MUC1. <i>Kidney International</i> , 2020, 98, 717-731.	5.2	75
22	Calcium Regulates Podocyte Actin Dynamics. <i>Seminars in Nephrology</i> , 2012, 32, 319-326.	1.6	61
23	A High-Content Screen for Mucin-1-Reducing Compounds Identifies Fostamatinib as a Candidate for Rapid Repurposing for Acute Lung Injury. <i>Cell Reports Medicine</i> , 2020, 1, 100137.	6.5	56
24	Mechanism of Persistent Protein Kinase D1 Translocation and Activation. <i>Developmental Cell</i> , 2003, 4, 561-574.	7.0	50
25	Calcium, TRPC channels, and regulation of the actin cytoskeleton in podocytes: towards a future of targeted therapies. <i>Pediatric Nephrology</i> , 2016, 31, 1047-1054.	1.7	42
26	Synaptopodin Is a Coincidence Detector of Tyrosine versus Serine/Threonine Phosphorylation for the Modulation of Rho Protein Crosstalk in Podocytes. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 837-851.	6.1	38
27	Noninvasive Immunohistochemical Diagnosis and Novel MUC1 Mutations Causing Autosomal Dominant Tubulointerstitial Kidney Disease. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 2418-2431.	6.1	38
28	High-resolution Slide-seqV2 spatial transcriptomics enables discovery of disease-specific cell neighborhoods and pathways. <i>IScience</i> , 2022, 25, 104097.	4.1	32
29	Cloning and characterization of mouse GABAC receptor subunits. <i>NeuroReport</i> , 1998, 9, 229-232.	1.2	30
30	Expression of GABACreceptor $\alpha 1$ and $\alpha 2$ subunits during development of the mouse retina. <i>European Journal of Neuroscience</i> , 2000, 12, 3575-3582.	2.6	30
31	PIP2 regulation of TRPC5 channel activation and desensitization. <i>Journal of Biological Chemistry</i> , 2021, 296, 100726.	3.4	30
32	Calcium-permeable ion channels in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F1157-F1167.	2.7	25
33	Targeting a Braf/Mapk pathway rescues podocyte lipid peroxidation in CoQ-deficiency kidney disease. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	25
34	Randomized Clinical Trial Design to Assess Abatacept in Resistant Nephrotic Syndrome. <i>Kidney International Reports</i> , 2018, 3, 115-121.	0.8	21
35	Design, synthesis and characterization of novel N-heterocyclic-1-benzyl-1H-benzo[d]imidazole-2-amines as selective TRPC5 inhibitors leading to the identification of the selective compound, AC1903. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 155-159.	2.2	21
36	Cadherin-11, Sparc-related modular calcium binding protein-2, and Pigment epithelium-derived factor are promising non-invasive biomarkers of kidney fibrosis. <i>Kidney International</i> , 2021, 100, 672-683.	5.2	21

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37	HyPR-seq: Single-cell quantification of chosen RNAs via hybridization and sequencing of DNA probes. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 33404-33413.	7.1	21
38	GDC-0879, a BRAFV600E Inhibitor, Protects Kidney Podocytes from Death. Cell Chemical Biology, 2018, 25, 175-184.e4.	5.2	20
39	Developing therapeutic α -arrows α ™ with the precision of William Tell. Current Opinion in Nephrology and Hypertension, 2015, 24, 1.	2.0	19
40	The power of one: advances in single-cell genomics in the kidney. Nature Reviews Nephrology, 2020, 16, 73-74.	9.6	15
41	Inducible podocyte-specific deletion of CTCF drives progressive kidney disease and bone abnormalities. JCI Insight, 2018, 3, .	5.0	14
42	Principles of Spatial Transcriptomics Analysis: A Practical Walk-Through in Kidney Tissue. Frontiers in Physiology, 2021, 12, 809346.	2.8	14
43	Charting a TRP to Novel Therapeutic Destinations for Kidney Diseases. Trends in Pharmacological Sciences, 2019, 40, 911-918.	8.7	13
44	Outcomes of patient self-referral for the diagnosis of several rare inherited kidney diseases. Genetics in Medicine, 2020, 22, 142-149.	2.4	11
45	Lysine trimethylation regulates 78-kDa glucose-regulated protein proteostasis during endoplasmic reticulum stress. Journal of Biological Chemistry, 2017, 292, 18878-18885.	3.4	9
46	Single-Cell Transcriptomics Reveal Disrupted Kidney Filter Cell-Cell Interactions after Early and Selective Podocyte Injury. American Journal of Pathology, 2022, 192, 281-294.	3.8	7
47	Human genetics of nephrotic syndrome and the quest for precision medicine. Current Opinion in Nephrology and Hypertension, 2016, 25, 138-143.	2.0	6
48	Differential associations between systemic markers of disease and white matter tissue health in middle-aged and older adults. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 3568-3579.	4.3	6
49	TRPC5 Channel Inhibition Protects Podocytes in Puromycin-Aminonucleoside Induced Nephrosis Models. Frontiers in Medicine, 2021, 8, 721865.	2.6	6
50	A Rare Kidney Disease To Cure Them All? Towards Mechanism-Based Therapies for Proteinopathies. Trends in Molecular Medicine, 2021, 27, 394-409.	6.7	5
51	Case 4-2013. New England Journal of Medicine, 2013, 368, 466-472.	27.0	3
52	Further Exploration of the Benzimidazole Scaffold as TRPC5 Inhibitors: Identification of 1-alkyl-2-(pyrrolidin-1-yl)-benzo[<i>d</i>]imidazoles as Potent and Selective Inhibitors. ChemMedChem, 2022, 17, .	3.2	3
53	Personalized Comments on Challenges and Opportunities in Kidney Disease Therapeutics: The Glom-NExT Symposium. Seminars in Nephrology, 2016, 36, 448.	1.6	2
54	Multigram Preparation of BRD4780 Enantiomers and Assignment of Absolute Stereochemistry. Journal of Organic Chemistry, 2021, 86, 4281-4289.	3.2	2

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55	Immune Complex-Mediated Proliferative Glomerulonephritis Induced by Paclitaxel Treatment. Journal of Oncology Practice, 2016, 12, 1272-1274.	2.5	1
56	Case 4-2013: A Man with Acute Flank Pain. New England Journal of Medicine, 2013, 368, 2237-2237.	27.0	0
57	Introduction: Toward Precision Medicines for Kidney Disease. Seminars in Nephrology, 2016, 36, 435.	1.6	0
58	FO067ADTKD-MUC1 IN THE CYPRIOT POPULATION: GENOTYPING, DEEP-PHENOTYPING, BIOMARKER DISCOVERY AND THE SEARCH FOR A ROBUST TREATMENT. Nephrology Dialysis Transplantation, 2019, 34, .	0.7	0