

Anupam Agarwal

List of Publications by Year in descending order

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Version: 2024-02-01

83
papers

5,063
citations

136950

32
h-index

98798

67
g-index

86
all docs

86
docs citations

86
times ranked

6781
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell RNA Sequencing of Urinary Cells Reveals Distinct Cellular Diversity in COVID-19-Associated AKI. <i>Kidney360</i> , 2022, 3, 28-36.	2.1	12
2	The spike protein of SARS-CoV-2 induces heme oxygenase-1: Pathophysiologic implications. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2022, 1868, 166322.	3.8	15
3	A Comprehensive Immune Cell Atlas of Cystic Kidney Disease Reveals the Involvement of Adaptive Immune Cells in Injury-Mediated Cyst Progression in Mice. <i>Journal of the American Society of Nephrology: JASN</i> , 2022, 33, 747-768.	6.1	8
4	Myo-inositol oxygenase in cadmium-induced kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, F470-F472.	2.7	5
5	Development of BRD4 inhibitors as anti-inflammatory agents and antidotes for arsenicals. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 64, 128696.	2.2	3
6	Kidney Disease Prevalence in Transgender Individuals. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2022, 17, 280-282.	4.5	12
7	Nano-encapsulation strategies to circumvent drug-induced kidney injury and targeted nanomedicines to treat kidney diseases. <i>Current Opinion in Toxicology</i> , 2022, 31, 100346.	5.0	3
8	Nephrology- Taking the Lead. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1113-1116.	4.5	2
9	AICAR decreases acute lung injury by phosphorylating AMPK and upregulating heme oxygenase-1. <i>European Respiratory Journal</i> , 2021, 58, 2003694.	6.7	22
10	Expression of lactate dehydrogenase A and B isoforms in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F706-F718.	2.7	18
11	Quantitative 3-dimensional imaging and tissue cytometry reveals lymphatic expansion in acute kidney injury. <i>Laboratory Investigation</i> , 2021, 101, 1186-1196.	3.7	6
12	Expression of ACE2 in the Intact and Acutely Injured Kidney. <i>Kidney360</i> , 2021, 2, 1095-1106.	2.1	12
13	UAB-UCSD O'Brien Center for Acute Kidney Injury Research. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 320, F870-F882.	2.7	4
14	Kidney-Related Research in the United States: A Position Statement From the National Kidney Foundation and the American Society of Nephrology. <i>American Journal of Kidney Diseases</i> , 2021, 78, 161-167.	1.9	15
15	Kidney resident macrophages in the rat have minimal turnover and replacement by blood monocytes. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F162-F169.	2.7	7
16	Recovery after Critical Illness and Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2021, 16, 1601-1609.	4.5	29
17	Association of cystic fibrosis transmembrane conductance regulator with epithelial sodium channel subunits carrying Liddle's syndrome mutations. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L308-L320.	2.9	2
18	Reply to Bankir: the ever-expanding role of lactate in the kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F354-F354.	2.7	2

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19	Nicotinamide Adenine Dinucleotide Biosynthetic Impairment and Urinary Metabolomic Alterations Observed in Hospitalized Adults With COVID-19-Related Acute Kidney Injury. <i>Kidney International Reports</i> , 2021, 6, 3002-3013.	0.8	17
20	Heme Oxygenase-1 as a Pharmacological Target for Host-Directed Therapy to Limit Tuberculosis Associated Immunopathology. <i>Antioxidants</i> , 2021, 10, 177.	5.1	3
21	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,662 1,430	9.1	1,430
22	VEGFR3 tyrosine kinase inhibition aggravates cisplatin nephrotoxicity. <i>American Journal of Physiology - Renal Physiology</i> , 2021, 321, F675-F688.	2.7	10
23	Expanded renal lymphatics improve recovery following kidney injury. <i>Physiological Reports</i> , 2021, 9, e15094.	1.7	7
24	Dynamic Regulation of the Nexus Between Stress Granules, Roquin, and Regnase-1 Underlies the Molecular Pathogenesis of Warfare Vesicants. <i>Frontiers in Immunology</i> , 2021, 12, 809365.	4.8	5
25	Hydrogen sulfide inhibits calcification of heart valves; implications for calcific aortic valve disease. <i>British Journal of Pharmacology</i> , 2020, 177, 793-809.	5.4	19
26	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the blood-brain barrier. <i>Acta Neuropathologica</i> , 2020, 140, 549-567.	7.7	47
27	Current State and Future of Research in Nephrology. <i>Advances in Chronic Kidney Disease</i> , 2020, 27, 305-311.e1.	1.4	2
28	Protective role of HO-1 against acute kidney injury caused by cutaneous exposure to arsenicals. <i>Annals of the New York Academy of Sciences</i> , 2020, 1480, 155-169.	3.8	8
29	Stepping into the Void. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 1832-1834.	4.5	6
30	AKINow Initiative: Recommendations for Awareness, Recognition, and Management of AKI. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2020, 15, 1838-1847.	4.5	65
31	Ferryl Hemoglobin Inhibits Osteoclastic Differentiation of Macrophages in Hemorrhaged Atherosclerotic Plaques. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-17.	4.0	14
32	Cutaneous lewisite exposure causes acute lung injury. <i>Annals of the New York Academy of Sciences</i> , 2020, 1479, 210-222.	3.8	20
33	New insights into the role of heme oxygenase-1 in acute kidney injury. <i>Kidney Research and Clinical Practice</i> , 2020, 39, 387-401.	2.2	28
34	Potential Role of H-Ferritin in Mitigating Valvular Mineralization. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 413-431.	2.4	24
35	Dynamic signature of lymphangiogenesis during acute kidney injury and chronic kidney disease. <i>Laboratory Investigation</i> , 2019, 99, 1376-1388.	3.7	36
36	Renal control of disease tolerance to malaria. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 5681-5686.	7.1	58

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37	Zinc Inhibits HIF-Prolyl Hydroxylase Inhibitor-Aggravated VSMC Calcification Induced by High Phosphate. <i>Frontiers in Physiology</i> , 2019, 10, 1584.	2.8	30
38	Resident macrophages reprogram toward a developmental state after acute kidney injury. <i>JCI Insight</i> , 2019, 4, .	5.0	75
39	Parabiosis reveals leukocyte dynamics in the kidney. <i>Laboratory Investigation</i> , 2018, 98, 391-402.	3.7	33
40	Overcoming Translational Barriers in Acute Kidney Injury. <i>Clinical Journal of the American Society of Nephrology: CJASN</i> , 2018, 13, 1113-1123.	4.5	36
41	Heme oxygenase-1 mitigates ferroptosis in renal proximal tubule cells. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F702-F714.	2.7	256
42	Microanatomic Distribution of Myeloid Heme Oxygenase-1 Protects against Free Radical-Mediated Immunopathology in Human Tuberculosis. <i>Cell Reports</i> , 2018, 25, 1938-1952.e5.	6.4	34
43	Cutaneous exposure to lewisite causes acute kidney injury by invoking DNA damage and autophagic response. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F1166-F1176.	2.7	30
44	Heme Oxygenase 1 as a Therapeutic Target in Acute Kidney Injury. <i>American Journal of Kidney Diseases</i> , 2017, 69, 531-545.	1.9	115
45	Mononuclear phagocyte subpopulations in the mouse kidney. <i>American Journal of Physiology - Renal Physiology</i> , 2017, 312, F640-F646.	2.7	35
46	New Ultrasound Techniques Promise Further Advances in AKI and CKD. <i>Journal of the American Society of Nephrology: JASN</i> , 2017, 28, 3452-3460.	6.1	32
47	Dietary potassium regulates vascular calcification and arterial stiffness. <i>JCI Insight</i> , 2017, 2, .	5.0	59
48	Early lipid changes in acute kidney injury using SWATH lipidomics coupled with MALDI tissue imaging. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F1136-F1147.	2.7	47
49	Attenuated heme oxygenase-1 responses predispose the elderly to pulmonary nontuberculous mycobacterial infections. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L928-L940.	2.9	19
50	Targeting Iron Homeostasis in Acute Kidney Injury. <i>Seminars in Nephrology</i> , 2016, 36, 62-70.	1.6	40
51	Heme Oxygenase-1 Gene Polymorphisms Toward Precision Medicine for AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 3229-3231.	6.1	2
52	Molecular Mechanism Underlying Pathogenesis of Lewisite-Induced Cutaneous Blistering and Inflammation. <i>American Journal of Pathology</i> , 2016, 186, 2637-2649.	3.8	32
53	Heme Oxygenases in Cardiovascular Health and Disease. <i>Physiological Reviews</i> , 2016, 96, 1449-1508.	28.8	168
54	Defining cutaneous molecular pathobiology of arsenicals using phenylarsine oxide as a prototype. <i>Scientific Reports</i> , 2016, 6, 34865.	3.3	21

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55	Heme Attenuation Ameliorates Irritant Gas Inhalation-Induced Acute Lung Injury. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 99-112.	5.4	55
56	Pharmacological induction of ferritin prevents osteoblastic transformation of smooth muscle cells. <i>Journal of Cellular and Molecular Medicine</i> , 2016, 20, 217-230.	3.6	28
57	Cellular and Molecular Mechanisms of AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2016, 27, 1288-1299.	6.1	160
58	Proximal tubule-targeted heme oxygenase-1 in cisplatin-induced acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2016, 310, F385-F394.	2.7	67
59	Hemodiafiltration and hemodialysis differently affect P wave duration and dispersion on the surface electrocardiogram. <i>International Urology and Nephrology</i> , 2016, 48, 271-277.	1.4	7
60	Heme oxygenase-1 regulates mitochondrial quality control in the heart. <i>JCI Insight</i> , 2016, 1, e85817.	5.0	124
61	Molecular Ultrasound Imaging of Tissue Inflammation Using an Animal Model of Acute Kidney Injury. <i>Molecular Imaging and Biology</i> , 2015, 17, 786-792.	2.6	21
62	Heme oxygenase-1-mediated autophagy protects against pulmonary endothelial cell death and development of emphysema in cadmium-treated mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2015, 309, L280-L292.	2.9	62
63	Heme Oxygenase-1 Regulates Myeloid Cell Trafficking in AKI. <i>Journal of the American Society of Nephrology: JASN</i> , 2015, 26, 2139-2151.	6.1	59
64	Macrophage and epithelial cell H-ferritin expression regulates renal inflammation. <i>Kidney International</i> , 2015, 88, 95-108.	5.2	77
65	Leucine-rich repeat kinase 2 deficiency is protective in rhabdomyolysis-induced kidney injury. <i>Human Molecular Genetics</i> , 2015, 24, 4078-4093.	2.9	39
66	Heme Oxygenase-1 Protects Corexit 9500A-Induced Respiratory Epithelial Injury across Species. <i>PLoS ONE</i> , 2015, 10, e0122275.	2.5	15
67	A Small Molecule α_2 Integrin Agonist Improves Chronic Kidney Allograft Survival by Reducing Leukocyte Recruitment and Accompanying Vasculopathy. <i>Frontiers in Medicine</i> , 2014, 1, 45.	2.6	18
68	Nitric oxide and carbon monoxide antagonize TGF- β 2 through ligand-independent internalization of T β R1/ALK5. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 307, F727-F735.	2.7	10
69	Mitochondria-targeted heme oxygenase-1 decreases oxidative stress in renal epithelial cells. <i>American Journal of Physiology - Renal Physiology</i> , 2013, 305, F255-F264.	2.7	59
70	Proximal tubule H-ferritin mediates iron trafficking in acute kidney injury. <i>Journal of Clinical Investigation</i> , 2013, 123, 4423-4434.	8.2	161
71	Adaptive responses to tissue injury: role of heme oxygenase-1. <i>Transactions of the American Clinical and Climatological Association</i> , 2013, 124, 111-22.	0.5	54
72	A reproducible mouse model of chronic allograft nephropathy with vasculopathy. <i>Kidney International</i> , 2012, 82, 1231-1235.	5.2	24

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73	Orthotopic Aortic Transplantation in Mice for the Study of Vascular Disease. <i>Journal of Visualized Experiments</i> , 2012, , e4338.	0.3	4
74	In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice. <i>Kidney International</i> , 2012, 82, 278-291.	5.2	62
75	Enabling Innovative Translational Research in Acute Kidney Injury. <i>Clinical and Translational Science</i> , 2012, 5, 93-101.	3.1	35
76	Heme Oxygenase-1 Inhibits Renal Tubular Macroautophagy in Acute Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2010, 21, 1702-1712.	6.1	144
77	Heme Oxygenase-1 Expression in Murine Dendritic Cell Subpopulations. <i>American Journal of Pathology</i> , 2010, 176, 2831-2839.	3.8	26
78	Suppression by CD4+CD25+ Regulatory T Cells Is Dependent on Expression of Heme Oxygenase-1 in Antigen-Presenting Cells. <i>American Journal of Pathology</i> , 2008, 173, 154-160.	3.8	107
79	Heme Oxygenase-1 Deficiency Promotes Epithelial-Mesenchymal Transition and Renal Fibrosis. <i>Journal of the American Society of Nephrology: JASN</i> , 2008, 19, 1681-1691.	6.1	84
80	Cardiovascular dysfunction is caused by pre-existing hydronephrosis in young lean, obese and diabetic Zucker rats. <i>FASEB Journal</i> , 2006, 20, A298.	0.5	1
81	Heme oxygenase-1 gene ablation or expression modulates cisplatin-induced renal tubular apoptosis. <i>American Journal of Physiology - Renal Physiology</i> , 2000, 278, F726-F736.	2.7	277
82	Induction of heme oxygenase in toxic renal injury: A protective role in cisplatin nephrotoxicity in the rat. <i>Kidney International</i> , 1995, 48, 1298-1307.	5.2	242
83	Fostering Scientific Innovation to Impact AKI: A Roadmap from ASN's <i>AKINow</i> Basic Science Workgroup. <i>Kidney360</i> , 0, 3, 10.34067/KID.0007472021.	2.1	0