Abolfazl Zarjou

List of Publications by Year
in descending order

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34	2,234	304368	377514
papers	citations	22 h-index	34 g-index

35	35	35	3778
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sepsis and Acute Kidney Injury. Journal of the American Society of Nephrology: JASN, 2011, 22, 999-1006.	3.0	435
2	Identification of a microRNA signature in renal fibrosis: role of miR-21. American Journal of Physiology - Renal Physiology, 2011, 301, F793-F801.	1.3	224
3	Heme Oxygenases in Cardiovascular Health and Disease. Physiological Reviews, 2016, 96, 1449-1508.	13.1	168
4	Proximal tubule H-ferritin mediates iron trafficking in acute kidney injury. Journal of Clinical Investigation, 2013, 123, 4423-4434.	3.9	161
5	Heme Oxygenase 1 as a Therapeutic Target in Acute Kidney Injury. American Journal of Kidney Diseases, 2017, 69, 531-545.	2.1	115
6	Ferritin ferroxidase activity: A potent inhibitor of osteogenesis. Journal of Bone and Mineral Research, 2010, 25, 164-172.	3.1	114
7	Paracrine effects of mesenchymal stem cells in cisplatin-induced renal injury require heme oxygenase-1. American Journal of Physiology - Renal Physiology, 2011, 300, F254-F262.	1.3	103
8	Hydrogen sulfide inhibits the calcification and osteoblastic differentiation of vascular smooth muscle cells. Kidney International, 2011, 80, 731-739.	2.6	82
9	Ferritin Prevents Calcification and Osteoblastic Differentiation of Vascular Smooth Muscle Cells. Journal of the American Society of Nephrology: JASN, 2009, 20, 1254-1263.	3.0	79
10	Macrophage and epithelial cell H-ferritin expression regulates renal inflammation. Kidney International, 2015, 88, 95-108.	2.6	77
11	Proximal tubule-targeted heme oxygenase-1 in cisplatin-induced acute kidney injury. American Journal of Physiology - Renal Physiology, 2016, 310, F385-F394.	1.3	67
12	Ferritin Light Chain Confers Protection Against Sepsis-Induced Inflammation and Organ Injury. Frontiers in Immunology, 2019, 10, 131.	2.2	64
13	In vivo regulation of the heme oxygenase-1 gene in humanized transgenic mice. Kidney International, 2012, 82, 278-291.	2.6	62
14	Mitochondria-targeted heme oxygenase-1 decreases oxidative stress in renal epithelial cells. American Journal of Physiology - Renal Physiology, 2013, 305, F255-F264.	1.3	59
15	Renal control of disease tolerance to malaria. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 5681-5686.	3.3	58
16	Supression of hemin-mediated oxidation of low-density lipoprotein and subsequent endothelial reactions by hydrogen sulfide (H2S). Free Radical Biology and Medicine, 2009, 46, 616-623.	1.3	56
17	Dynamic signature of lymphangiogenesis during acute kidney injury and chronic kidney disease. Laboratory Investigation, 2019, 99, 1376-1388.	1.7	36
18	Enabling Innovative Translational Research in Acute Kidney Injury. Clinical and Translational Science, 2012, 5, 93-101.	1.5	35

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19	Zinc Inhibits HIF-Prolyl Hydroxylase Inhibitor-Aggravated VSMC Calcification Induced by High Phosphate. Frontiers in Physiology, 2019, 10, 1584.	1.3	30
20	Pharmacological induction of ferritin prevents osteoblastic transformation of smooth muscle cells. Journal of Cellular and Molecular Medicine, 2016, 20, 217-230.	1.6	28
21	Heme Oxygenase-1 as a Target for TGF-Î² in Kidney Disease. Seminars in Nephrology, 2012, 32, 277-286.	0.6	26
22	A reproducible mouse model of chronic allograft nephropathy with vasculopathy. Kidney International, 2012, 82, 1231-1235.	2.6	24
23	Potential Role of H-Ferritin in Mitigating Valvular Mineralization. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 413-431.	1.1	24
24	Ferritin in Kidney and Vascular Related Diseases: Novel Roles for an Old Player. Pharmaceuticals, 2019, 12, 96.	1.7	19
25	Hydrogen sulfide inhibits calcification of heart valves; implications for calcific aortic valve disease. British Journal of Pharmacology, 2020, 177, 793-809.	2.7	19
26	Expression of lactate dehydrogenase A and B isoforms in the mouse kidney. American Journal of Physiology - Renal Physiology, 2021, 320, F706-F718.	1.3	18
27	Ferryl Hemoglobin Inhibits Osteoclastic Differentiation of Macrophages in Hemorrhaged Atherosclerotic Plaques. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-17.	1.9	14
28	VEGFR3 tyrosine kinase inhibition aggravates cisplatin nephrotoxicity. American Journal of Physiology - Renal Physiology, 2021, 321, F675-F688.	1.3	10
29	Hemodiafiltration beneficially affects QT interval duration and dispersion compared to hemodialysis. Clinical and Experimental Nephrology, 2014, 18, 952-959.	0.7	8
30	Hemodiafiltration and hemodialysis differently affect P wave duration and dispersion on the surface electrocardiogram. International Urology and Nephrology, 2016, 48, 271-277.	0.6	7
31	Quantitative 3-dimensional imaging and tissue cytometry reveals lymphatic expansion in acute kidney injury. Laboratory Investigation, 2021, 101, 1186-1196.	1.7	6
32	Heme Burden and Ensuing Mechanisms That Protect the Kidney: Insights from Bench and Bedside. International Journal of Molecular Sciences, 2021, 22, 8174.	1.8	3
33	Lactated Ringer's solution and risk of hyperkalemia in patients with reduced kidney function. American Journal of the Medical Sciences, 2022, 364, 433-443.	0.4	2
34	A Reproducible Mouse Model of Moderate CKD With Early Manifestations of Osteoblastic Transition of Cardiovascular System. Frontiers in Physiology, 2022, 13, 897179.	1.3	0