Akshaya K Meher

List of Publications by Year
in descending order

		567144	552653
27	1,442	15	26
papers	citations	h-index	g-index

27	27	27	2615
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Wild type and gain of function mutant TP53 can regulate the sensitivity of pancreatic cancer cells to chemotherapeutic drugs, EGFR/Ras/Raf/MEK, and PI3K/mTORC1/GSK-3 pathway inhibitors, nutraceuticals and alter metabolic properties. Aging, 2022, 14, 3365-3386.	1.4	5
2	BAFF 60â€mer binding to BAFF receptor 3 utilizes the NFâ€ºB1 signaling pathway to hyperactivate B cells. FASEB Journal, 2022, 36, .	0.2	0
3	Adaptive thermogenesis in brown adipose tissue involves activation of pannexin-1 channels. Molecular Metabolism, 2021, 44, 101130.	3.0	18
4	GSK-3Î² Can Regulate the Sensitivity of MIA-PaCa-2 Pancreatic and MCF-7 Breast Cancer Cells to Chemotherapeutic Drugs, Targeted Therapeutics and Nutraceuticals. Cells, 2021, 10, 816.	1.8	19
5	B Cellâ€“Activating Factor Antagonism Attenuates the Growth of Experimental Abdominal Aortic Aneurysm. American Journal of Pathology, 2021, 191, 2231-2244.	1.9	8
6	Novel Role of IL (Interleukin)-1Î² in Neutrophil Extracellular Trap Formation and Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 843-853.	1.1	173
7	Macrophages sensing oxidized DAMPs reprogram their metabolism to support redox homeostasis and inflammation through a TLR2-Syk-ceramide dependent mechanism. Molecular Metabolism, 2018, 7, 23-34.	3.0	46
8	Resolvin D1 decreases abdominal aortic aneurysm formation by inhibiting NETosis in a mouse model. Journal of Vascular Surgery, 2018, 68, 93S-103S.	0.6	48
9	Macrophage phenotype and bioenergetics are controlled by oxidized phospholipids identified in lean and obese adipose tissue. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6254-E6263.	3.3	102
10	Pharmacologic blockade and genetic deletion of androgen receptor attenuates aortic aneurysm formation. Journal of Vascular Surgery, 2016, 63, 1602-1612.e2.	0.6	17
11	B-Cell Depletion Promotes Aortic Infiltration of Immunosuppressive Cells and Is Protective of Experimental Aortic Aneurysm. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 2191-2202.	1.1	54
12	Rapamycin prevents bronchiolitis obliterans through increasing infiltration of regulatory BÂcells in a murine tracheal transplantation model. Journal of Thoracic and Cardiovascular Surgery, 2016, 151, 487-496.e3.	0.4	14
13	Response to Letter Regarding Article, â€œInhibition of Interleukin-1Î² Decreases Aneurysm Formation and Progression in a Novel Model of Thoracic Aortic Aneurysmâ€. Circulation, 2015, 131, e400.	1.6	1
14	Pannexin 1 is required for full activation of insulin-stimulated glucose uptake in adipocytes. Molecular Metabolism, 2015, 4, 610-618.	3.0	54
15	5-Lipoxygenase Pathway in Experimental Abdominal Aortic Aneurysms. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2669-2678.	1.1	19
16	B2 Cells Suppress Experimental Abdominal Aortic Aneurysms. American Journal of Pathology, 2014, 184, 3130-3141.	1.9	29
17	Inhibition of Interleukin-1Î² Decreases Aneurysm Formation and Progression in a Novel Model of Thoracic Aortic Aneurysms. Circulation, 2014, 130, S51-9.	1.6	102
18	Adenosine 2A receptor modulates inflammation and phenotype in experimental abdominal aortic aneurysms. FASEB Journal, 2013, 27, 2122-2131.	0.2	10

#	Article	IF	Citations
19	Nrf2 deficiency in myeloid cells is not sufficient to protect mice from high-fat diet-induced adipose tissue inflammation and insulin resistance. Free Radical Biology and Medicine, 2012, 52, 1708-1715.	1.3	45
20	Oxidized phospholipid-induced inflammation is mediated by Toll-like receptor 2. Free Radical Biology and Medicine, 2011, 51, 1903-1909.	1.3	111
21	Identification of a Novel Macrophage Phenotype That Develops in Response to Atherogenic Phospholipids via Nrf2. Circulation Research, 2010, 107, 737-746.	2.0	472
22	Engineering an improved crystal contact across a solvent-mediated interface of human fibroblast growth factor 1. Acta Crystallographica Section F: Structural Biology Communications, 2009, 65, 1136-1140.	0.7	4
23	Mutagenesis of the crystal contact of acidic fibroblast growth factor. Journal of Synchrotron Radiation, 2008, 15, 285-287.	1.0	6
24	Characterization of peptidyl-tRNA hydrolase encoded by open reading frame Rv1014c of Mycobacterium tuberculosis H37Rv. Biological Chemistry, 2007, 388, 467-79.	1.2	13
25	Analysis of complex formation and immune response of CFP-10 and ESAT-6 mutants. Vaccine, 2007, 25, 6098-6106.	1.7	10
26	Mycobacterium tuberculosis H37Rv ESAT-6-CFP-10 complex formation confers thermodynamic and biochemical stability. FEBS Journal, 2006, 273, 1445-1462.	2.2	59
27	NMR assignment of peptidyl-tRNA hydrolase from Mycobacterium tuberculosis H37Rv. Journal of Biomolecular NMR, 2006, 36, 53-53.	1.6	3