

Akshaya K Meher

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,442
citations

567144

15
h-index

552653

26
g-index

27
all docs

27
docs citations

27
times ranked

2615
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of a Novel Macrophage Phenotype That Develops in Response to Atherogenic Phospholipids via Nrf2. <i>Circulation Research</i> , 2010, 107, 737-746.	2.0	472
2	Novel Role of IL (Interleukin)-1 β in Neutrophil Extracellular Trap Formation and Abdominal Aortic Aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2018, 38, 843-853.	1.1	173
3	Oxidized phospholipid-induced inflammation is mediated by Toll-like receptor 2. <i>Free Radical Biology and Medicine</i> , 2011, 51, 1903-1909.	1.3	111
4	Inhibition of Interleukin-1 β Decreases Aneurysm Formation and Progression in a Novel Model of Thoracic Aortic Aneurysms. <i>Circulation</i> , 2014, 130, S51-9.	1.6	102
5	Macrophage phenotype and bioenergetics are controlled by oxidized phospholipids identified in lean and obese adipose tissue. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6254-E6263.	3.3	102
6	Mycobacterium tuberculosis H37Rv ESAT-6-CFP-10 complex formation confers thermodynamic and biochemical stability. <i>FEBS Journal</i> , 2006, 273, 1445-1462.	2.2	59
7	Pannexin 1 is required for full activation of insulin-stimulated glucose uptake in adipocytes. <i>Molecular Metabolism</i> , 2015, 4, 610-618.	3.0	54
8	B-Cell Depletion Promotes Aortic Infiltration of Immunosuppressive Cells and Is Protective of Experimental Aortic Aneurysm. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 2191-2202.	1.1	54
9	Resolvin D1 decreases abdominal aortic aneurysm formation by inhibiting NETosis in a mouse model. <i>Journal of Vascular Surgery</i> , 2018, 68, 93S-103S.	0.6	48
10	Macrophages sensing oxidized DAMPs reprogram their metabolism to support redox homeostasis and inflammation through a TLR2-Syk-ceramide dependent mechanism. <i>Molecular Metabolism</i> , 2018, 7, 23-34.	3.0	46
11	Nrf2 deficiency in myeloid cells is not sufficient to protect mice from high-fat diet-induced adipose tissue inflammation and insulin resistance. <i>Free Radical Biology and Medicine</i> , 2012, 52, 1708-1715.	1.3	45
12	B2 Cells Suppress Experimental Abdominal Aortic Aneurysms. <i>American Journal of Pathology</i> , 2014, 184, 3130-3141.	1.9	29
13	5-Lipoxygenase Pathway in Experimental Abdominal Aortic Aneurysms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2014, 34, 2669-2678.	1.1	19
14	GSK-3 β Can Regulate the Sensitivity of MIA-PaCa-2 Pancreatic and MCF-7 Breast Cancer Cells to Chemotherapeutic Drugs, Targeted Therapeutics and Nutraceuticals. <i>Cells</i> , 2021, 10, 816.	1.8	19
15	Adaptive thermogenesis in brown adipose tissue involves activation of pannexin-1 channels. <i>Molecular Metabolism</i> , 2021, 44, 101130.	3.0	18
16	Pharmacologic blockade and genetic deletion of androgen receptor attenuates aortic aneurysm formation. <i>Journal of Vascular Surgery</i> , 2016, 63, 1602-1612.e2.	0.6	17
17	Rapamycin prevents bronchiolitis obliterans through increasing infiltration of regulatory T cells in a murine tracheal transplantation model. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 151, 487-496.e3.	0.4	14
18	Characterization of peptidyl-tRNA hydrolase encoded by open reading frame Rv1014c of Mycobacterium tuberculosis H37Rv. <i>Biological Chemistry</i> , 2007, 388, 467-79.	1.2	13

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19	Analysis of complex formation and immune response of CFP-10 and ESAT-6 mutants. <i>Vaccine</i> , 2007, 25, 6098-6106.	1.7	10
20	Adenosine 2A receptor modulates inflammation and phenotype in experimental abdominal aortic aneurysms. <i>FASEB Journal</i> , 2013, 27, 2122-2131.	0.2	10
21	B Cell-Activating Factor Antagonism Attenuates the Growth of Experimental Abdominal Aortic Aneurysm. <i>American Journal of Pathology</i> , 2021, 191, 2231-2244.	1.9	8
22	Mutagenesis of the crystal contact of acidic fibroblast growth factor. <i>Journal of Synchrotron Radiation</i> , 2008, 15, 285-287.	1.0	6
23	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. <i>Aging</i> , 2022, 14, 3365-3386.	1.4	5
24	Engineering an improved crystal contact across a solvent-mediated interface of human fibroblast growth factor 1. <i>Acta Crystallographica Section F: Structural Biology Communications</i> , 2009, 65, 1136-1140.	0.7	4
25	NMR assignment of peptidyl-tRNA hydrolase from <i>Mycobacterium tuberculosis</i> H37Rv. <i>Journal of Biomolecular NMR</i> , 2006, 36, 53-53.	1.6	3
26	Response to Letter Regarding Article, "Inhibition of Interleukin-1 ^β Decreases Aneurysm Formation and Progression in a Novel Model of Thoracic Aortic Aneurysm". <i>Circulation</i> , 2015, 131, e400.	1.6	1
27	BAFF 60mer binding to BAFF receptor 3 utilizes the NF- κ B1 signaling pathway to hyperactivate B cells. <i>FASEB Journal</i> , 2022, 36, .	0.2	0