Shane R Thomas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9893619/publications.pdf

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23	1,119	687363 13	677142 22
papers	citations	h-index	g-index

23	23	23	2275
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Redox Control of Endothelial Function and Dysfunction: Molecular Mechanisms and Therapeutic Opportunities. Antioxidants and Redox Signaling, 2008, 10, 1713-1766.	5.4	339
2	Role of indoleamine 2,3-dioxygenase in health and disease. Clinical Science, 2015, 129, 601-672.	4.3	188
3	Phenazine virulence factor binding to extracellular DNA is important for Pseudomonas aeruginosa biofilm formation. Scientific Reports, 2015, 5, 8398.	3.3	152
4	Post-translational Regulation of Human Indoleamine 2,3-Dioxygenase Activity by Nitric Oxide. Journal of Biological Chemistry, 2007, 282, 23778-23787.	3.4	88
5	Apolipoprotein A-I Increases Insulin Secretion and Production From Pancreatic Î²-Cells via a G-Protein-cAMP-PKA-FoxO1â€“Dependent Mechanism. Arteriosclerosis, Thrombosis, and Vascular Biology, 2014, 34, 2261-2267.	2.4	56
6	Myeloperoxidase: A versatile mediator of endothelial dysfunction and therapeutic target during cardiovascular disease. , 2021, 221, 107711.		38
7	Non-alcoholic fatty liver disease, vascular inflammation and insulin resistance are exacerbated by TRAIL deletion in mice. Scientific Reports, 2017, 7, 1898.	3.3	36
8	Targeted subendothelial matrix oxidation by myeloperoxidase triggers myosin II-dependent de-adhesion and alters signaling in endothelial cells. Free Radical Biology and Medicine, 2012, 53, 2344-2356.	2.9	30
9	Indoleamine-2,3-dioxygenase elevated in tumor-initiating cells is suppressed by mitocans. Free Radical Biology and Medicine, 2014, 67, 41-50.	2.9	27
10	TRAIL protects against endothelial dysfunction in vivo and inhibits angiotensin-II-induced oxidative stress in vascular endothelial cells in vitro. Free Radical Biology and Medicine, 2018, 126, 341-349.	2.9	26
11	Activation of Endothelial Nitric Oxide (eNOS) Occurs through Different Membrane Domains in Endothelial Cells. PLoS ONE, 2016, 11, e0151556.	2.5	25
12	Identification of Native and Posttranslationally Modified HLAâ€Ⓑ*57:01â€Restricted HIV Envelope Derived Epitopes Using Immunoproteomics. Proteomics, 2018, 18, e1700253.	2.2	23
13	Regulation of the nitric oxide oxidase activity of myeloperoxidase by pharmacological agents. Biochemical Pharmacology, 2017, 135, 90-115.	4.4	17
14	Mechanism and regulation of peroxidase-catalyzed nitric oxide consumption in physiological fluids: Critical protective actions of ascorbate and thiocyanate. Free Radical Biology and Medicine, 2014, 72, 91-103.	2.9	15
15	Novel Antioxidant Therapy with the Immediate Precursor to Glutathione, Î³-Glutamylcysteine (GGC), Ameliorates LPS-Induced Cellular Stress in In Vitro 3D-Differentiated Airway Model from Primary Cystic Fibrosis Human Bronchial Cells. Antioxidants, 2020, 9, 1204.	5.1	11
16	Endothelial-transcytosed myeloperoxidase activates endothelial nitric oxide synthase via a phospholipase C-dependent calcium signaling pathway. Free Radical Biology and Medicine, 2021, 166, 255-264.	2.9	11
17	The Freestyle Aortic Bioprosthesis: A Systematic Review. Heart Lung and Circulation, 2014, 23, 1110-1117.	0.4	10
18	Periodontitis induces endothelial dysfunction in mice. Scientific Reports, 2021, 11, 14993.	3.3	9

#	Article	IF	Citations
19	Arrested Hematopoiesis and Vascular Relaxation Defects in Mice with a Mutation in Dhfr. Molecular and Cellular Biology, 2016, 36, 1222-1236.	2.3	6
20	Endoglin potentiates nitric oxide synthesis to enhance definitive hematopoiesis. Biology Open, 2015, 4, 819-829.	1.2	4
21	Haematopoietic-expressed C/EBPÎ²: A novel transcriptional regulator of hepatic liver metabolism and macrophage foam cells during atherosclerosis?. Atherosclerosis, 2016, 250, 183-185.	0.8	3
22	Polyamine-Conjugated Nitroxides Are Efficacious Inhibitors of Oxidative Reactions Catalyzed by Endothelial-Localized Myeloperoxidase. Chemical Research in Toxicology, 2021, 34, 1681-1692.	3.3	3
23	Using Cell-substrate Impedance and Live Cell Imaging to Measure Real-time Changes in Cellular Adhesion and De-adhesion Induced by Matrix Modification. Journal of Visualized Experiments, 2015, , .	0.3	2