Stefan W Ryter

List of Publications by Year
in descending order

51	10,041	109264 35	189801 50
papers	citations	h-index	g-index

52	52	52	18051
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cross-talk between CD38 and TTP Is Essential for Resolution of Inflammation during Microbial Sepsis. Cell Reports, 2020, 30, 1063-1076.e5.	2.9	25
2	Chung Hun Wha Dam Tang attenuates atherosclerosis in apolipoprotein E-deficient mice via the NF-ÎºB pathway. Biomedicine and Pharmacotherapy, 2019, 120, 109524.	2.5	2
3	Heme oxygenase-1/carbon monoxide as modulators of autophagy and inflammation. Archives of Biochemistry and Biophysics, 2019, 678, 108186.	1.4	77
4	Carbon monoxide ameliorates acetaminophenâ€induced liver injury by increasing hepatic HOâ€1 and Parkin expression. FASEB Journal, 2019, 33, 13905-13919.	0.2	22
5	Similarities and Distinctions in the Effects of Metformin and Carbon Monoxide in Immunometabolism. Molecules and Cells, 2019, 42, 292-300.	1.0	9
6	Pterostilbene 4<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" id="M1"><mml:msup><mml:mrow /><mml:mrow><mml:mo>â€²</mml:mo></mml:mrow></mml:msup></mml:math>-<i>Î²</i>-Glucoside Attenuates LPS-Induced Acute Lung Injury via Induction of Heme Oxygenase-1. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-16.	1.9	22
7	Carbon monoxide-induced TFEB nuclear translocation enhances mitophagy/mitochondrial biogenesis in hepatocytes and ameliorates inflammatory liver injury. Cell Death and Disease, 2018, 9, 1060.	2.7	65
8	Carbon monoxide decreases interleukin-1Î² levels in the lung through the induction of pyrin. Cellular and Molecular Immunology, 2017, 14, 349-359.	4.8	23
9	Carbon monoxide protects against hepatic steatosis in mice by inducing sestrin-2 via the PERK-eIF2Î±-ATF4 pathway. Free Radical Biology and Medicine, 2017, 110, 81-91.	1.3	83
10	Synergistic Effects of Cilostazol and Probucol on ER Stress-Induced Hepatic Steatosis via Heme Oxygenase-1-Dependent Activation of Mitochondrial Biogenesis. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-14.	1.9	15
11	Carbon Monoxide Inhibits Tenascin-C Mediated Inflammation via IL-10 Expression in a Septic Mouse Model. Mediators of Inflammation, 2015, 2015, 1-14.	1.4	17
12	Cilostazol attenuates murine hepatic ischemia and reperfusion injury via heme oxygenase-dependent activation of mitochondrial biogenesis. American Journal of Physiology - Renal Physiology, 2015, 309, G21-G29.	1.6	38
13	Endoplasmic Reticulum Stressâ€“Induced IRE1Î± Activation Mediates Cross-Talk of GSK-3Î² and XBP-1 To Regulate Inflammatory Cytokine Production. Journal of Immunology, 2015, 194, 4498-4506.	0.4	115
14	Emerging role of selective autophagy in human diseases. Frontiers in Pharmacology, 2014, 5, 244.	1.6	83
15	Cecal Ligation and Puncture-induced Sepsis as a Model To Study Autophagy in Mice. Journal of Visualized Experiments, 2014, , e51066.	0.2	21
16	The Impact of Autophagy on Cell Death Modalities. International Journal of Cell Biology, 2014, 2014, 1-12.	1.0	209
17	Resveratrol Induces Hepatic Mitochondrial Biogenesis Through the Sequential Activation of Nitric Oxide and Carbon Monoxide Production. Antioxidants and Redox Signaling, 2014, 20, 2589-2605.	2.5	48
18	Endoplasmic reticulum stress is sufficient for the induction of IL-1Î² production via activation of the NF-ÎºB and inflammasome pathways. Innate Immunity, 2014, 20, 799-815.	1.1	115

#	Article	IF	Citations
19	Profibrogenic phenotype in caveolin-1 deficiency via differential regulation of STAT-1/3 proteins. Biochemistry and Cell Biology, 2014, 92, 370-378.	0.9	9
20	A functional link between heme oxygenase-1 and tristetraprolin in the anti-inflammatory effects of nicotine. Free Radical Biology and Medicine, 2013, 65, 1331-1339.	1.3	27
21	Autophagy: A Critical Regulator of Cellular Metabolism and Homeostasis. Molecules and Cells, 2013, 36, 7-16.	1.0	270
22	Carbon monoxide in exhaled breath testing and therapeutics. Journal of Breath Research, 2013, 7, 017111.	1.5	91
23	Heme Oxygenase-1 as a Novel Metabolic Player. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-2.	1.9	10
24	Carbon Monoxide Protects against Hepatic Ischemia/Reperfusion Injury via ROS-Dependent Akt Signaling and Inhibition of Glycogen Synthase Kinase 3<i>Î²</i>. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-11.	1.9	42
25	Regulation of Autophagy in Oxygen-Dependent Cellular Stress. Current Pharmaceutical Design, 2013, 19, 2747-2756.	0.9	57
26	Carbon monoxide: present and future indications for a medical gas. Korean Journal of Internal Medicine, 2013, 28, 123.	0.7	74
27	Autophagy: An Integral Component of the Mammalian Stress Response. Journal of Biochemical and Pharmacological Research, 2013, 1, 176-188.	1.7	19
28	Therapeutic Potential of Heme Oxygenase-1/Carbon Monoxide in Lung Disease. International Journal of Hypertension, 2012, 2012, 1-19.	0.5	55
29	Autophagy in Pulmonary Diseases. Annual Review of Physiology, 2012, 74, 377-401.	5.6	91
30	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
31	Bile Pigments in Pulmonary and Vascular Disease. Frontiers in Pharmacology, 2012, 3, 39.	1.6	20
32	Gaseous Therapeutics in Acute Lung Injury. , 2011, 1, 105-121.		14
33	Deadly triplex: Smoke, autophagy and apoptosis. Autophagy, 2011, 7, 436-437.	4.3	27
34	Carbon Monoxide Activates Autophagy via Mitochondrial Reactive Oxygen Species Formation. American Journal of Respiratory Cell and Molecular Biology, 2011, 45, 867-873.	1.4	109
35	Autophagy in Vascular Disease. Proceedings of the American Thoracic Society, 2010, 7, 40-47.	3.5	83
36	Autophagy protein microtubule-associated protein 1 light chain-3B (LC3B) activates extrinsic apoptosis during cigarette smoke-induced emphysema. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18880-18885.	3.3	334

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37	Autophagy in the Lung. Proceedings of the American Thoracic Society, 2010, 7, 13-21.	3.5	103
38	Autophagy in cigarette smoke-induced chronic obstructive pulmonary disease. Expert Review of Respiratory Medicine, 2010, 4, 573-584.	1.0	63
39	Evaluation of inhaled carbon monoxide as an anti-inflammatory therapy in a nonhuman primate model of lung inflammation. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2010, 299, L891-L897.	1.3	43
40	Heme Oxygenase-1/Carbon Monoxide: Novel Therapeutic Strategies in Critical Care Medicine. Current Drug Targets, 2010, 11, 1485-1494.	1.0	87
41	Autophagy in chronic obstructive pulmonary disease: Homeostatic or pathogenic mechanism?. Autophagy, 2009, 5, 235-237.	4.3	70
42	Carbon monoxide prevents ventilator-induced lung injury via caveolin-1*. Critical Care Medicine, 2009, 37, 1708-1715.	0.4	54
43	Heme Oxygenase-1/Carbon Monoxide. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 251-260.	1.4	264
44	Carbon Monoxide Protects against Ventilator-induced Lung Injury via PPAR-Î³ and Inhibition of Egr-1. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1223-1232.	2.5	103
45	Autophagic proteins regulate cigarette smoke induced apoptosis: Protective role of heme oxygenase-1. Autophagy, 2008, 4, 887-895.	4.3	195
46	Carbon Monoxide Protects against Hyperoxia-induced Endothelial Cell Apoptosis by Inhibiting Reactive Oxygen Species Formation. Journal of Biological Chemistry, 2007, 282, 1718-1726.	1.6	168
47	Mitochondrial Localization and Function of Heme Oxygenase-1 in Cigarette Smokeâ€“Induced Cell Death. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 409-417.	1.4	200
48	CO AS A CELLULAR SIGNALING MOLECULE. Annual Review of Pharmacology and Toxicology, 2006, 46, 411-449.	4.2	396
49	Heme Oxygenase-1/Carbon Monoxide: From Basic Science to Therapeutic Applications. Physiological Reviews, 2006, 86, 583-650.	13.1	2,034
50	Caveolin-1 expression by means of p38Â mitogen-activated protein kinase mediates the antiproliferative effect of carbon monoxide. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 11319-11324.	3.3	108
51	The heme synthesis and degradation pathways: role in oxidant sensitivity. Free Radical Biology and Medicine, 2000, 28, 289-309.	1.3	710