

# Stefan W Ryter

## List of Publications by Year in descending order

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51  
papers

10,041  
citations

109321  
35  
h-index

189892  
50  
g-index

52  
all docs

52  
docs citations

52  
times ranked

18051  
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.	6.4	25
2	Chung Hun Wha Dam Tang attenuates atherosclerosis in apolipoprotein E-deficient mice via the NF- $\kappa$ B pathway. Biomedicine and Pharmacotherapy, 2019, 120, 109524.	5.6	2
3	Heme oxygenase-1/carbon monoxide as modulators of autophagy and inflammation. Archives of Biochemistry and Biophysics, 2019, 678, 108186.	3.0	77
4	Carbon monoxide ameliorates acetaminophen-induced liver injury by increasing hepatic HO-1 and Parkin expression. FASEB Journal, 2019, 33, 13905-13919.	0.5	22
5	Similarities and Distinctions in the Effects of Metformin and Carbon Monoxide in Immunometabolism. Molecules and Cells, 2019, 42, 292-300.	2.6	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.	4.0	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.	6.3	65
8	Carbon monoxide decreases interleukin-1 $\beta$ levels in the lung through the induction of pyrin. Cellular and Molecular Immunology, 2017, 14, 349-359.	10.5	23
9	Carbon monoxide protects against hepatic steatosis in mice by inducing sestrin-2 via the PERK-eIF2 $\gamma$ -ATF4 pathway. Free Radical Biology and Medicine, 2017, 110, 81-91.	2.9	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.	4.0	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.	3.0	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.	3.4	38
13	Endoplasmic Reticulum Stress-Induced IRE1 $\alpha$ Activation Mediates Cross-Talk of GSK-3 $\beta$ and XBP-1 To Regulate Inflammatory Cytokine Production. Journal of Immunology, 2015, 194, 4498-4506.	0.8	115
14	Emerging role of selective autophagy in human diseases. Frontiers in Pharmacology, 2014, 5, 244.	3.5	83
15	Cecal Ligation and Puncture-induced Sepsis as a Model To Study Autophagy in Mice. Journal of Visualized Experiments, 2014, , e51066.	0.3	21
16	The Impact of Autophagy on Cell Death Modalities. International Journal of Cell Biology, 2014, 2014, 1-12.	2.5	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.	5.4	48
18	Endoplasmic reticulum stress is sufficient for the induction of IL-1 $\beta$ production via activation of the NF- $\kappa$ B and inflammasome pathways. Innate Immunity, 2014, 20, 799-815.	2.4	115

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19	Profibrogenic phenotype in caveolin-1 deficiency via differential regulation of STAT-1/3 proteins. <i>Biochemistry and Cell Biology</i> , 2014, 92, 370-378.	2.0	9
20	A functional link between heme oxygenase-1 and tristetraprolin in the anti-inflammatory effects of nicotine. <i>Free Radical Biology and Medicine</i> , 2013, 65, 1331-1339.	2.9	27
21	Autophagy: A Critical Regulator of Cellular Metabolism and Homeostasis. <i>Molecules and Cells</i> , 2013, 36, 7-16.	2.6	270
22	Carbon monoxide in exhaled breath testing and therapeutics. <i>Journal of Breath Research</i> , 2013, 7, 017111.	3.0	91
23	Heme Oxygenase-1 as a Novel Metabolic Player. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-2.	4.0	10
24	Carbon Monoxide Protects against Hepatic Ischemia/Reperfusion Injury via ROS-Dependent Akt Signaling and Inhibition of Glycogen Synthase Kinase 3 $\beta$ . <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-11.	4.0	42
25	Regulation of Autophagy in Oxygen-Dependent Cellular Stress. <i>Current Pharmaceutical Design</i> , 2013, 19, 2747-2756.	1.9	57
26	Carbon monoxide: present and future indications for a medical gas. <i>Korean Journal of Internal Medicine</i> , 2013, 28, 123.	1.7	74
27	Autophagy: An Integral Component of the Mammalian Stress Response. <i>Journal of Biochemical and Pharmacological Research</i> , 2013, 1, 176-188.	1.7	19
28	Therapeutic Potential of Heme Oxygenase-1/Carbon Monoxide in Lung Disease. <i>International Journal of Hypertension</i> , 2012, 2012, 1-19.	1.3	55
29	Autophagy in Pulmonary Diseases. <i>Annual Review of Physiology</i> , 2012, 74, 377-401.	13.1	91
30	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
31	Bile Pigments in Pulmonary and Vascular Disease. <i>Frontiers in Pharmacology</i> , 2012, 3, 39.	3.5	20
32	Gaseous Therapeutics in Acute Lung Injury. , 2011, 1, 105-121.		14
33	Deadly triplex: Smoke, autophagy and apoptosis. <i>Autophagy</i> , 2011, 7, 436-437.	9.1	27
34	Carbon Monoxide Activates Autophagy via Mitochondrial Reactive Oxygen Species Formation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2011, 45, 867-873.	2.9	109
35	Autophagy in Vascular Disease. <i>Proceedings of the American Thoracic Society</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 18880-18885.	7.1	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.	2.5	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.	2.9	43
40	Heme Oxygenase-1/Carbon Monoxide: Novel Therapeutic Strategies in Critical Care Medicine. Current Drug Targets, 2010, 11, 1485-1494.	2.1	87
41	Autophagy in chronic obstructive pulmonary disease: Homeostatic or pathogenic mechanism?. Autophagy, 2009, 5, 235-237.	9.1	70
42	Carbon monoxide prevents ventilator-induced lung injury via caveolin-1*. Critical Care Medicine, 2009, 37, 1708-1715.	0.9	54
43	Heme Oxygenase-1/Carbon Monoxide. American Journal of Respiratory Cell and Molecular Biology, 2009, 41, 251-260.	2.9	264
44	Carbon Monoxide Protects against Ventilator-induced Lung Injury via PPAR- $\gamma$ and Inhibition of Egr-1. American Journal of Respiratory and Critical Care Medicine, 2008, 177, 1223-1232.	5.6	103
45	Autophagic proteins regulate cigarette smoke induced apoptosis: Protective role of heme oxygenase-1. Autophagy, 2008, 4, 887-895.	9.1	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.	3.4	168
47	Mitochondrial Localization and Function of Heme Oxygenase-1 in Cigarette Smoke-Induced Cell Death. American Journal of Respiratory Cell and Molecular Biology, 2007, 36, 409-417.	2.9	200
48	CO AS A CELLULAR SIGNALING MOLECULE. Annual Review of Pharmacology and Toxicology, 2006, 46, 411-449.	9.4	396
49	Heme Oxygenase-1/Carbon Monoxide: From Basic Science to Therapeutic Applications. Physiological Reviews, 2006, 86, 583-650.	28.8	2,034
50	Caveolin-1 expression by means of p38 $\beta$ 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.	7.1	108
51	The heme synthesis and degradation pathways: role in oxidant sensitivity. Free Radical Biology and Medicine, 2000, 28, 289-309.	2.9	710