

# Stephen J Peterson

## List of Publications by Year in descending order

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52  
papers

2,485  
citations

236925

25  
h-index

243625

44  
g-index

53  
all docs

53  
docs citations

53  
times ranked

2812  
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Obese Diabetic Mice With a Heme Oxygenase Inducer Reduces Visceral and Subcutaneous Adiposity, Increases Adiponectin Levels, and Improves Insulin Sensitivity and Glucose Tolerance. <i>Diabetes</i> , 2008, 57, 1526-1535.	0.6	293
2	D-4F Induces Heme Oxygenase-1 and Extracellular Superoxide Dismutase, Decreases Endothelial Cell Sloughing, and Improves Vascular Reactivity in Rat Model of Diabetes. <i>Circulation</i> , 2005, 111, 3126-3134.	1.6	165
3	Heme Oxygenase-1 Induction Remodels Adipose Tissue and Improves Insulin Sensitivity in Obesity-Induced Diabetic Rats. <i>Hypertension</i> , 2009, 53, 508-515.	2.7	160
4	L-4F treatment reduces adiposity, increases adiponectin levels, and improves insulin sensitivity in obese mice. <i>Journal of Lipid Research</i> , 2008, 49, 1658-1669.	4.2	142
5	HO-1 expression increases mesenchymal stem cell-derived osteoblasts but decreases adipocyte lineage. <i>Bone</i> , 2010, 46, 236-243.	2.9	115
6	Hyperkalemia among hospitalized patients and association between duration of hyperkalemia and outcomes. <i>Archives of Medical Science</i> , 2014, 2, 251-257.	0.9	107
7	Up-Regulation of Heme Oxygenase Provides Vascular Protection in an Animal Model of Diabetes through Its Antioxidant and Antiapoptotic Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2006, 319, 1144-1152.	2.5	103
8	Adipocyte Heme Oxygenase-1 Induction Attenuates Metabolic Syndrome in Both Male and Female Obese Mice. <i>Hypertension</i> , 2010, 56, 1124-1130.	2.7	102
9	The L-4F mimetic peptide prevents insulin resistance through increased levels of HO-1, pAMPK, and pAKT in obese mice. <i>Journal of Lipid Research</i> , 2009, 50, 1293-1304.	4.2	100
10	Heme Oxygenase Gene Targeting to Adipocytes Attenuates Adiposity and Vascular Dysfunction in Mice Fed a High-Fat Diet. <i>Hypertension</i> , 2012, 60, 467-475.	2.7	88
11	Heme Oxygenase -1 Gene Therapy: Recent Advances and Therapeutic Applications. <i>Current Gene Therapy</i> , 2007, 7, 89-108.	2.0	86
12	Apolipoprotein A-I Mimetic Peptides. <i>Cardiology in Review</i> , 2010, 18, 141-147.	1.4	86
13	Long-Term Treatment with the Apolipoprotein A1 Mimetic Peptide Increases Antioxidants and Vascular Repair in Type I Diabetic Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2007, 322, 514-520.	2.5	85
14	Increased heme-oxygenase 1 expression in mesenchymal stem cell-derived adipocytes decreases differentiation and lipid accumulation via upregulation of the canonical Wnt signaling cascade. <i>Stem Cell Research and Therapy</i> , 2013, 4, 28.	5.5	84
15	Efficacy of antibiotic prophylaxis for prevention of lyme disease. <i>Journal of General Internal Medicine</i> , 1996, 11, 329-333.	2.6	73
16	Targeting Heme Oxygenase. <i>Cardiology in Review</i> , 2009, 17, 99-111.	1.4	72
17	The role of 20-HETE in cardiovascular diseases and its risk factors. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 125, 108-117.	1.9	68
18	Targeting the Heme-Heme Oxygenase System to Prevent Severe Complications Following COVID-19 Infections. <i>Antioxidants</i> , 2020, 9, 540.	5.1	63

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19	Genetic Polymorphisms Complicate COVID-19 Therapy: Pivotal Role of HO-1 in Cytokine Storm. <i>Antioxidants</i> , 2020, 9, 636.	5.1	39
20	Heme Oxygenase-Derived Carbon Monoxide Restores Vascular Function in Type 1 Diabetes. <i>Drug Metabolism Letters</i> , 2008, 2, 290-300.	0.8	37
21	Effecacy of 3-hydroxy-3-methylglutaryl coenzyme a reductase inhibitors for prevention of stroke. <i>Journal of General Internal Medicine</i> , 1999, 14, 763-774.	2.6	32
22	Oxidized HDL, Adipokines, and Endothelial Dysfunction: A Potential Biomarker Profile for Cardiovascular Risk in Women with Obesity. <i>Obesity</i> , 2019, 27, 87-93.	3.0	31
23	Oxidized HDL is a potent inducer of adipogenesis and causes activation of the Ang-II and 20-HETE systems in human obese females. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 123, 68-77.	1.9	30
24	Cold Press Pomegranate Seed Oil Attenuates Dietary-Obesity Induced Hepatic Steatosis and Fibrosis through Antioxidant and Mitochondrial Pathways in Obese Mice. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5469.	4.1	30
25	Cold-Pressed Nigella Sativa Oil Standardized to 3% Thymoquinone Potentiates Omega-3 Protection against Obesity-Induced Oxidative Stress, Inflammation, and Markers of Insulin Resistance Accompanied with Conversion of White to Beige Fat in Mice. <i>Antioxidants</i> , 2020, 9, 489.	5.1	25
26	Positive Effects of Heme Oxygenase Upregulation on Adiposity and Vascular Dysfunction: Gene Targeting vs. Pharmacologic Therapy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2514.	4.1	24
27	The Role of Heme Oxygenase 1 in the Protective Effect of Caloric Restriction against Diabetic Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2427.	4.1	22
28	Heme-oxygenase and lipid mediators in obesity and associated cardiometabolic diseases: Therapeutic implications. , 2021, , 107975.		16
29	HO-1 Induction Improves The Type-1 Cardiorenal Syndrome in Mice With Impaired Angiotensin II-Induced Lymphocyte Activation. <i>Hypertension</i> , 2013, 62, 310-316.	2.7	15
30	Heme Oxygenase Induction Suppresses Hepatic Hecpidin and Rescues Ferroportin and Ferritin Expression in Obese Mice. <i>Journal of Nutrition and Metabolism</i> , 2017, 2017, 1-11.	1.8	15
31	Milestones: a rapid assessment method for the Clinical Competency Committee. <i>Archives of Medical Science</i> , 2017, 1, 201-209.	0.9	12
32	The pivotal role of heme Oxygenase-1 in reversing the pathophysiology and systemic complications of NAFLD. <i>Archives of Biochemistry and Biophysics</i> , 2021, 697, 108679.	3.0	12
33	The association of NOV/CCN3 with obstructive sleep apnea (OSA): preliminary evidence of a novel biomarker in OSA. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.7	11
34	The Effects of Heme Oxygenase Upregulation on Obesity and the Metabolic Syndrome. <i>Antioxidants and Redox Signaling</i> , 2020, 32, 1061-1070.	5.4	10
35	Adipocyte-Specific Expression of PGC1 $\alpha$ Promotes Adipocyte Browning and Alleviates Obesity-Induced Metabolic Dysfunction in an HO-1-Dependent Fashion. <i>Antioxidants</i> , 2022, 11, 1147.	5.1	9
36	Oxidized HDL and Isoprostane Exert a Potent Adipogenic Effect on Stem Cells: Where in the Lineage?. <i>Cell, Stem Cells and Regenerative Medicine</i> , 2016, 2, .	0.1	8

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37	Cardioprotective Heme Oxygenase-1 (HO-1) Signaling in Epicardial Fat Attenuates Cardiovascular Risk in Humans as in Obese Mice. <i>Obesity</i> , 2019, 27, 1560-1561.	3.0	7
38	OX-HDL: A Starring Role in Cardiorenal Syndrome and the Effects of Heme Oxygenase-1 Intervention. <i>Diagnostics</i> , 2020, 10, 976.	2.6	7
39	Eccentric hypertrophy predicts adverse events in patients undergoing percutaneous coronary intervention for acute coronary syndrome. <i>Archives of Medical Sciences Atherosclerotic Diseases</i> , 2021, 6, 21-27.	1.0	3
40	Racial Disparities with Esophageal Cancer Mortality at a High-Volume University Affiliated Center: An All ACCESS Invitation. <i>Journal of the National Medical Association</i> , 2020, 112, 478-483.	0.8	2
41	Can charcoal improve outcomes in COVID-19 infections?. <i>Medical Hypotheses</i> , 2020, 144, 110176.	1.5	2
42	Cancer and cardiovascular-related perceived risk in a diverse cancer center catchment area. <i>Cancer Causes and Control</i> , 2022, 33, 759.	1.8	2
43	The Essential Role of the Adiponectin Regulatory Axis: Leading to Improvements in the Metabolic Profile of Diabetes Mellitus. <i>FASEB Journal</i> , 2008, 22, 1226.43.	0.5	1
44	The Association of Nephroblastoma Overexpressed (NOV) and Endothelial Progenitor Cells with Oxidative Stress in Obstructive Sleep Apnea. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10.	4.0	1
45	The effect of cardiac geometry variation according to sex and race on outcomes in patients with acute coronary syndrome undergoing percutaneous coronary intervention. <i>Archives of Medical Sciences Atherosclerotic Diseases</i> , 2021, 6, 152-159.	1.0	0
46	Bone Marrow Stem Cell Transplantation Restores Heme Oxygenase and Antioxidants Genes and Pancreatic Function in Type 1 Diabetes.. <i>Blood</i> , 2007, 110, 4856-4856.	1.4	0
47	Abstract P171: Etiologies of Syncope in 325 Consecutive Patients Hospitalized for Syncope. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2011, 4, .	2.2	0
48	Abstract P349: Risk Factors for Rehospitalization for Syncope and for Long-Term Mortality in 325 Consecutive Patients Hospitalized for Syncope. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2011, 4, .	2.2	0
49	Abstract 61: Adipose Tissue Specific HO-1 Induction Regulates the Crosstalk between Wnt and $\beta$ -catenin Pathways and Leads to Restoration of Vascular Endothelial Function in Mice Fed a High Fat Diet. <i>Hypertension</i> , 2012, 60, .	2.7	0
50	Relation of Left Ventricular Hypertrophy Subtype to Long-Term Mortality in Those With Subclinical Cardiovascular Disease (from the Multiethnic Study of Atherosclerosis [MESA]). <i>American Journal of Cardiology</i> , 2022, , .	1.6	0
51	Abstract 357: Targeting Vascular Endothelium with HO-1 Gene Promotes Release of Positive Regulators of Adipocyte Function. <i>Hypertension</i> , 2012, 60, .	2.7	0
52	Abstract 90: Ten-year Trends in Mechanical Revascularization, Intra-Aortic Balloon Pump Use and In-Hospital Mortality in Patients With Acute Myocardial Infarction Complicated by Cardiogenic Shock. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, .	2.2	0