

Shailendra Pratap Singh

List of Publications by Year in descending order

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42
papers

1,400
citations

304743

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345221

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docs citations

44
times ranked

2054
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring New Drug Targets for Type 2 Diabetes: Success, Challenges and Opportunities. <i>Biomedicines</i> , 2022, 10, 331.	3.2	17
2	SARS-CoV-2 Infections, Impaired Tissue, and Metabolic Health: Pathophysiology and Potential Therapeutics. <i>Mini-Reviews in Medicinal Chemistry</i> , 2022, 22, 2102-2123.	2.4	3
3	Adipocyte-Specific Expression of PGC1 β Promotes Adipocyte Browning and Alleviates Obesity-Induced Metabolic Dysfunction in an HO-1-Dependent Fashion. <i>Antioxidants</i> , 2022, 11, 1147.	5.1	9
4	Biological systems and nanopharmacokinetics. , 2021, , 153-170.		0
5	Mitochondrial Modulations, Autophagy Pathways Shifts in Viral Infections: Consequences of COVID-19. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8180.	4.1	22
6	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
7	Adipocyte Specific HO-1 Gene Therapy Is Effective in Antioxidant Treatment of Insulin Resistance and Vascular Function in an Obese Mice Model. <i>Antioxidants</i> , 2020, 9, 40.	5.1	22
8	Sirt6 Deacetylase: A Potential Key Regulator in the Prevention of Obesity, Diabetes and Neurodegenerative Disease. <i>Frontiers in Pharmacology</i> , 2020, 11, 598326.	3.5	10
9	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
10	Cardioprotective Heme Oxygenase-1 α PGC1 β Signaling in Epicardial Fat Attenuates Cardiovascular Risk in Humans as in Obese Mice. <i>Obesity</i> , 2019, 27, 1634-1643.	3.0	31
11	Epoxyeicosatrienoic intervention improves NAFLD in leptin receptor deficient mice by an increase in HO-1-PGC1 β mitochondrial signaling. <i>Experimental Cell Research</i> , 2019, 380, 180-187.	2.6	35
12	EET enhances renal function in obese mice resulting in restoration of HO-1-Mfn1/2 signaling, and decrease in hypertension through inhibition of sodium chloride co-transporter. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 137, 30-39.	1.9	15
13	Development of NASH in Obese Mice is Confounded by Adipose Tissue Increase in Inflammatory NOV and Oxidative Stress. <i>International Journal of Hepatology</i> , 2018, 2018, 1-14.	1.1	34
14	Kavain Reduces <i>Porphyromonas gingivalis</i> -Induced Adipocyte Inflammation: Role of PGC-1 β Signaling. <i>Journal of Immunology</i> , 2018, 201, 1491-1499.	0.8	21
15	Ablation of soluble epoxide hydrolase reprogram white fat to beige-like fat through an increase in mitochondrial integrity, HO-1-adiponectin in vitro and in vivo. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 138, 1-8.	1.9	27
16	High-fat diet-induced obesity and insulin resistance in CYP4a14 ^{+/+} mice is mediated by 20-HETE. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2018, 315, R934-R944.	1.8	29
17	EET α agonist Prevents and Reverses Heart Failure in Obesity Induced Diabetic Cardiomyopathy. <i>FASEB Journal</i> , 2018, 32, 561.7.	0.5	0
18	EET Enhances Renal Function in Obese Mice Resulting in Restoration of Mfn1/2 Signaling and a Decrease in Hypertension Through Inhibition of Sodium Chloride Co α Transporter. <i>FASEB Journal</i> , 2018, 32, 561.13.	0.5	0

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19	EET intervention on Wnt1, NOV, and HO-1 signaling prevents obesity-induced cardiomyopathy in obese mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H368-H380.	3.2	53
20	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
21	Ablation of adipose-HO-1 expression increases white fat over beige fat through inhibition of mitochondrial fusion and of PGC1 α in female mice. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2017, 31, .	0.7	25
22	Downregulation of PGC-1 α Prevents the Beneficial Effect of EET-Heme Oxygenase-1 on Mitochondrial Integrity and Associated Metabolic Function in Obese Mice. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-15.	1.8	35
23	Epoxyeicosatrienoic Acids Regulate Adipocyte Differentiation of Mouse 3T3 Cells, Via PGC-1 α Activation, Which Is Required for HO-1 Expression and Increased Mitochondrial Function. <i>Stem Cells and Development</i> , 2016, 25, 1084-1094.	2.1	67
24	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
25	PGC-1 α regulates HO-1 expression, mitochondrial dynamics and biogenesis: Role of epoxyeicosatrienoic acid. <i>Prostaglandins and Other Lipid Mediators</i> , 2016, 125, 8-18.	1.9	93
26	Genotoxic effects of chromium oxide nanoparticles and microparticles in Wistar rats after 28 days of repeated oral exposure. <i>Environmental Science and Pollution Research</i> , 2016, 23, 3914-3924.	5.3	17
27	Abstract P233: Diabetic Cardiomyopathy is Reversed by Increased Mitochondrial Bioenergetics Due to PGC-1 α Activation by EET Treatment of Obese Mice. <i>Hypertension</i> , 2016, 68, .	2.7	0
28	Abstract 079: Hmox1 Activation Reprograms White Fat to Beige Adipose Tissue Through Recruitment of Cyp2C44-derived EET, pAMPK-PGC1 α That Enhances Mitochondrial Mfn2 and Opa1. <i>Hypertension</i> , 2016, 68, .	2.7	0
29	Abstract 024: PGC-1 α is a Critical Activator of HO-1 That Protects Against Cardiomyopathy in Diabetic Mice Through Recruitment of Mitochondrial Fusion Proteins and Function. <i>Hypertension</i> , 2016, 68, .	2.7	0
30	Abstract P127: EET-mediated Recruitment of PGC-1 α , Restores Mitochondrial Function, LV Function, and Ameliorates Development of Cardiovascular Disease in Db Mice That is Reversed by Lentiviral- PGC-1 α (Sh). <i>Hypertension</i> , 2016, 68, .	2.7	0
31	Abstract P172: Activation of Pgc1 α by EET Stimulates Insulin Sensitivity, Normalizes Blood Pressure and Increases Mitochondrial Oxphos in Obese Mice. <i>Hypertension</i> , 2016, 68, .	2.7	0
32	Glycogen synthase kinase-3 inhibition attenuates fibroblast activation and development of fibrosis following renal ischemia/reperfusion in mice. <i>DMM Disease Models and Mechanisms</i> , 2015, 8, 931-40.	2.4	50
33	Toxicity Study of Cerium Oxide Nanoparticles in Human Neuroblastoma Cells. <i>International Journal of Toxicology</i> , 2014, 33, 86-97.	1.2	117
34	Biochemical alterations induced by acute oral doses of iron oxide nanoparticles in Wistar rats. <i>Drug and Chemical Toxicology</i> , 2013, 36, 296-305.	2.3	57
35	Genotoxicity of nano- and micron-sized manganese oxide in rats after acute oral treatment. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2013, 754, 39-50.	1.7	29
36	Synthesis, biological evaluation and molecular modeling studies of some novel thiazolidinediones with triazole ring. <i>European Journal of Medicinal Chemistry</i> , 2013, 70, 308-314.	5.5	58

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37	Toxicity assessment of manganese oxide micro and nanoparticles in Wistar rats after 28%days of repeated oral exposure. <i>Journal of Applied Toxicology</i> , 2013, 33, 1165-1179.	2.8	100
38	Comparative study of genotoxicity and tissue distribution of nano and micron sized iron oxide in rats after acute oral treatment. <i>Toxicology and Applied Pharmacology</i> , 2013, 266, 56-66.	2.8	89
39	Monitoring of oxidative stress in nurses occupationally exposed to antineoplastic drugs. <i>Toxicology International</i> , 2012, 19, 20.	0.1	15
40	Repeated Oral Dose Toxicity of Iron Oxide Nanoparticles: Biochemical and Histopathological Alterations in Different Tissues of Rats. <i>Journal of Nanoscience and Nanotechnology</i> , 2012, 12, 2149-2159.	0.9	74
41	Development of a cell-based nonradioactive glucose uptake assay system for SGLT1 and SGLT2. <i>Analytical Biochemistry</i> , 2012, 429, 70-75.	2.4	42
42	In vivo assessment of genotoxic effects of <i>Annona squamosa</i> seed extract in rats. <i>Food and Chemical Toxicology</i> , 2009, 47, 1964-1971.	3.6	11