

Amrit Pal Singh

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

1,313
citations

393982

19
h-index

377514

34
g-index

54
all docs

54
docs citations

54
times ranked

2049
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms pertaining to arsenic toxicity. <i>Toxicology International</i> , 2011, 18, 87.	0.1	222
2	Animal models of acute renal failure. <i>Pharmacological Reports</i> , 2012, 64, 31-44.	1.5	196
3	Rodent models of heart failure. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007, 56, 1-10.	0.3	60
4	Estradiol attenuates ischemia reperfusion-induced acute kidney injury through PPAR- γ stimulated eNOS activation in rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 453, 1-9.	1.4	52
5	Glycine aggravates ischemia reperfusion-induced acute kidney injury through N-Methyl-D-Aspartate receptor activation in rats. <i>Molecular and Cellular Biochemistry</i> , 2014, 393, 123-131.	1.4	44
6	Resident Cardiac Mast Cells: Are They the Major Culprit in the Pathogenesis of Cardiac Hypertrophy?. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2008, 102, 5-9.	1.2	37
7	Effect of modulating the allosteric sites of N-methyl-D-aspartate receptors in ischemia-reperfusion induced acute kidney injury. <i>Journal of Surgical Research</i> , 2013, 183, 668-677.	0.8	36
8	Effect of Mast Cell Stabilizers in Hyperhomocysteinemia-induced Cardiac Hypertrophy in Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2008, 51, 596-604.	0.8	35
9	Curcumin alleviates ischemia reperfusion-induced acute kidney injury through NMDA receptor antagonism in rats. <i>Renal Failure</i> , 2016, 38, 1462-1467.	0.8	31
10	Sildenafil obviates ischemia-reperfusion injury-induced acute kidney injury through peroxisome proliferator-activated receptor γ agonism in rats. <i>Journal of Surgical Research</i> , 2016, 201, 69-75.	0.8	28
11	Role of progesterone in melatonin-mediated protection against acute kidney injury. <i>Journal of Surgical Research</i> , 2014, 191, 441-447.	0.8	27
12	Involvement of peroxisome proliferator-activated receptor gamma in vitamin D-mediated protection against acute kidney injury in rats. <i>Journal of Surgical Research</i> , 2013, 185, 774-783.	0.8	26
13	Pharmacological investigations of Punica granatum in glycerol-induced acute renal failure in rats. <i>Indian Journal of Pharmacology</i> , 2011, 43, 551.	0.4	25
14	Explicit role of peroxisome proliferator-activated receptor gamma in gallic acid-mediated protection against ischemia-reperfusion-induced acute kidney injury in rats. <i>Journal of Surgical Research</i> , 2014, 187, 631-639.	0.8	25
15	Hepatic Dysfunction Induced by 7, 12-Dimethylbenz(\pm)anthracene and Its Obviation with Erucin Using Enzymatic and Histological Changes as Indicators. <i>PLoS ONE</i> , 2014, 9, e112614.	1.1	24
16	Impact of obesity on hypertension-induced cardiac remodeling: role of oxidative stress and its modulation by gemfibrozil treatment in rats. <i>Free Radical Biology and Medicine</i> , 2011, 50, 363-370.	1.3	22
17	Amelioration of hepatic function, oxidative stress, and histopathologic damages by Cassia fistula L. fraction in thioacetamide-induced liver toxicity. <i>Environmental Science and Pollution Research</i> , 2019, 26, 29930-29945.	2.7	22
18	Diminution of Hepatic Response to 7, 12-dimethylbenz(\pm)anthracene by Ethyl Acetate Fraction of Acacia catechu Willd. through Modulation of Xenobiotic and Anti-Oxidative Enzymes in Rats. <i>PLoS ONE</i> , 2014, 9, e90083.	1.1	21

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19	Involvement of progesterone receptors in ascorbic acid-mediated protection against ischemia-reperfusion-induced acute kidney injury. <i>Journal of Surgical Research</i> , 2014, 187, 278-288.	0.8	21
20	Estrogen attenuates renal IRI through PPAR- β agonism in rats. <i>Journal of Surgical Research</i> , 2016, 203, 324-330.	0.8	21
21	Pioglitazone ameliorates renal ischemia reperfusion injury through NMDA receptor antagonism in rats. <i>Molecular and Cellular Biochemistry</i> , 2016, 417, 111-118.	1.4	19
22	Antioxidant and hepatoprotective potential of Lawsonia inermis L. leaves against 2-acetylaminofluorene induced hepatic damage in male Wistar rats. <i>BMC Complementary and Alternative Medicine</i> , 2017, 17, 56.	3.7	19
23	PHIST c protein family members localize to different subcellular organelles and bind Plasmodium falciparum major virulence factor Pf EMP-1. <i>FEBS Journal</i> , 2018, 285, 294-312.	2.2	19
24	Investigation of the role of nitric oxide/soluble guanylyl cyclase pathway in ascorbic acid-mediated protection against acute kidney injury in rats. <i>Molecular and Cellular Biochemistry</i> , 2015, 406, 1-7.	1.4	18
25	Mast cell stabilizers obviate high fat diet-induced renal dysfunction in rats. <i>European Journal of Pharmacology</i> , 2016, 777, 96-103.	1.7	18
26	Hepatoprotective activity of Butea monosperma bark against thioacetamide-induced liver injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 89, 332-341.	2.5	18
27	Role of GABAergic activity of sodium valproate against ischemia-reperfusion-induced acute kidney injury in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2014, 387, 143-151.	1.4	17
28	Tinospora cordifolia attenuates high fat diet-induced obesity and associated hepatic and renal dysfunctions in rats. <i>PharmaNutrition</i> , 2020, 13, 100189.	0.8	17
29	Protective Effect of Esculetin, Natural Coumarin in Mice Model of Fibromyalgia: Targeting Pro-Inflammatory Cytokines and MAO-A. <i>Neurochemical Research</i> , 2020, 45, 2364-2374.	1.6	16
30	Fenofibrate attenuates ischemia reperfusion-induced acute kidney injury and associated liver dysfunction in rats. <i>Drug Development Research</i> , 2021, 82, 412-421.	1.4	15
31	Tinospora cordifolia ameliorates brain functions impairments associated with high fat diet induced obesity. <i>Neurochemistry International</i> , 2021, 143, 104937.	1.9	15
32	Sol-gel derived strontium-doped SiO ₂ -CaO-MgO-P ₂ O ₅ bioceramics for faster growth of bone like hydroxyapatite and their in vitro study for orthopedic applications. <i>Materials Chemistry and Physics</i> , 2020, 245, 122763.	2.0	13
33	Estradiol mitigates ischemia reperfusion-induced acute renal failure through NMDA receptor antagonism in rats. <i>Molecular and Cellular Biochemistry</i> , 2017, 434, 33-40.	1.4	12
34	Preliminary studies of strontium and selenium binary doped CaO-SiO ₂ -P ₂ O ₅ -MgO bioceramics for faster growth of hydroxyapatite and bone regeneration applications. <i>Materials Chemistry and Physics</i> , 2020, 253, 123329.	2.0	12
35	Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats. <i>Environmental Science and Pollution Research</i> , 2021, 28, 7180-7190.	2.7	11
36	Hyperhomocysteinemia and Cardiovascular Disorders: Is There a Correlation?. <i>Trends in Medical Research</i> , 2007, 2, 160-166.	0.2	11

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37	Ameliorative role of gemfibrozil against partial abdominal aortic constriction-induced cardiac hypertrophy in rats. <i>Cardiology in the Young</i> , 2015, 25, 725-730.	0.4	10
38	Dipyridamole attenuates ischemia reperfusion induced acute kidney injury through adenosinergic A1 and A2A receptor agonism in rats. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2016, 389, 361-368.	1.4	9
39	Ethyl acetate fraction of <i>Pteris vittata</i> L. alleviates 2-acetylaminofluorene induced hepatic alterations in male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2017, 88, 1080-1089.	2.5	9
40	Ameliorative Role of Rosiglitazone in Hyperhomocysteinemia-Induced Experimental Cardiac Hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2010, 56, 53-59.	0.8	7
41	Enhanced oral bioavailability and anti-diabetic activity of canagliflozin through a spray dried lipid based oral delivery: a novel paradigm. <i>DARU, Journal of Pharmaceutical Sciences</i> , 2020, 28, 191-208.	0.9	7
42	Stevioside protects against rhabdomyolysis-induced acute kidney injury through PPAR α agonism in rats. <i>Drug Development Research</i> , 2021, 82, 59-67.	1.4	7
43	Polymeric Precipitation Inhibitor-Based Solid Supersaturable SMEDD Formulation of Canagliflozin: Improved Bioavailability and Anti-diabetic Activity. <i>Journal of Pharmaceutical Innovation</i> , 2021, 16, 317-336.	1.1	6
44	Elucidating the role of size of hydroxyl apatite particles toward the development of competent antiosteoporotic bioceramic materials: <i>in vitro</i> and <i>in vivo</i> studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2019, 107, 1723-1735.	2.1	5
45	Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2255-2261.	1.2	5
46	Betaine attenuates sodium arsenite-induced renal dysfunction in rats. <i>Drug and Chemical Toxicology</i> , 2022, 45, 2488-2495.	1.2	5
47	Inner membrane complex 11 protein of <i>Plasmodium falciparum</i> links membrane lipids with cytoskeletal element actin and its associated motor myosin. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 673-684.	3.6	4
48	Umbelliferone attenuates glycerol-induced myoglobinuric acute kidney injury through peroxisome proliferator-activated receptor α agonism in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22892.	1.4	4
49	<i>Plasmodium falciparum</i> protein Pf23 hosts distinct binding sites for major virulence factor PfEMP1 and Maurer's cleft marker PfSBP1. <i>Pathogens and Disease</i> , 2018, 76, .	0.8	3
50	To Analyze the Amelioration of Phenobarbital Induced Oxidative Stress by Erucin, as Indicated by Biochemical and Histological Alterations. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 1445-1454.	0.9	3
51	Ameliorative role of diallyl disulfide against glycerol-induced nephrotoxicity in rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021, 13, 129.	0.2	2
52	Estradiol Benzoate Ameliorates Obesity-Induced Renal Dysfunction in Male Rats: Biochemical and Morphological Observations. , 2020, , 367-384.		1
53	Vicious Link of Obesity with Cardiometabolic and Renal Diseases. , 2020, , 111-124.		0