

Amrit Pal Singh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53 papers	941 citations	17 h-index	29 g-index
54 ext. papers	1,127 ext. citations	3.6 avg, IF	4.41 L-index

#	Paper	IF	Citations
53	Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats. <i>Drug and Chemical Toxicology</i> , 2021 , 1-7	2.3	2
52	Polymeric Precipitation InhibitorBased Solid Supersaturable SMEDD Formulation of Canagliflozin: Improved Bioavailability and Anti-diabetic Activity. <i>Journal of Pharmaceutical Innovation</i> , 2021 , 16, 317-336	1.8	0
51	Stevioside protects against rhabdomyolysis-induced acute kidney injury through PPAR- δ agonism in rats. <i>Drug Development Research</i> , 2021 , 82, 59-67	5.1	2
50	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	5.1	3
49	Fenofibrate attenuates ischemia reperfusion-induced acute kidney injury and associated liver dysfunction in rats. <i>Drug Development Research</i> , 2021 , 82, 412-421	5.1	4
48	Tinospora cordifolia ameliorates brain functions impairments associated with high fat diet induced obesity. <i>Neurochemistry International</i> , 2021 , 143, 104937	4.4	7
47	Betaine attenuates sodium arsenite-induced renal dysfunction in rats. <i>Drug and Chemical Toxicology</i> , 2021 , 1-8	2.3	0
46	Umbelliferone attenuates glycerol-induced myoglobinuric acute kidney injury through peroxisome proliferator-activated receptor- δ agonism in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22892	3.4	1
45	Ameliorative Role of Diallyl Disulfide Against Glycerol-induced Nephrotoxicity in Rats. <i>Journal of Pharmacy and Bioallied Sciences</i> , 2021 , 13, 129-135	1.1	1
44	Preliminary studies of strontium and selenium binary doped $\text{CaO} \cdot \text{SiO}_2 \cdot 2\text{P}_2\text{O}_5 \cdot \text{MgO}$ bioceramics for faster growth of hydroxyapatite and bone regeneration applications. <i>Materials Chemistry and Physics</i> , 2020 , 253, 123329	4.4	7
43	Sol-gel derived strontium-doped $\text{SiO}_2 \cdot \text{CaO} \cdot \text{MgO} \cdot \text{P}_2\text{O}_5$ 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	4.4	5
42	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	3.9	1
41	Vicious Link of Obesity with Cardiometabolic and Renal Diseases 2020 , 111-124		
40	Estradiol Benzoate Ameliorates Obesity-Induced Renal Dysfunction in Male Rats: Biochemical and Morphological Observations 2020 , 367-384		
39	Tinospora cordifolia attenuates high fat diet-induced obesity and associated hepatic and renal dysfunctions in rats. <i>PharmaNutrition</i> , 2020 , 13, 100189	2.9	7
38	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	4.6	6
37	Elucidating the role of size of hydroxyl apatite particles toward the development of competent antiosteoporotic bioceramic materials: In vitro and in vivo studies. <i>Journal of Biomedical Materials Research - Part A</i> , 2019 , 107, 1723-1735	5.4	1

36	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	5.1	13
35	Estradiol attenuates ischemia reperfusion-induced acute kidney injury through PPAR- β -stimulated eNOS activation in rats. <i>Molecular and Cellular Biochemistry</i> , 2019 , 453, 1-9	4.2	32
34	Inner membrane complex 1l protein of Plasmodium falciparum links membrane lipids with cytoskeletal element α -actinin and its associated motor myosin <i>International Journal of Biological Macromolecules</i> , 2019 , 126, 673-684	7.9	4
33	PHISTc protein family members localize to different subcellular organelles and bind Plasmodium falciparum major virulence factor PfEMP-1. <i>FEBS Journal</i> , 2018 , 285, 294-312	5.7	10
32	Plasmodium falciparum protein PfJ23 hosts distinct binding sites for major virulence factor PfEMP1 and Maurer's cleft marker PfSBP1 <i>Pathogens and Disease</i> , 2018 , 76,	4.2	1
31	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	4.7	12
30	Ethyl acetate fraction of Pteris vittata L. alleviates 2-acetylaminofluorene induced hepatic alterations in male Wistar rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 88, 1080-1089	7.5	9
29	Hepatoprotective activity of Butea monosperma bark against thioacetamide-induced liver injury in rats. <i>Biomedicine and Pharmacotherapy</i> , 2017 , 89, 332-341	7.5	13
28	Estradiol mitigates ischemia reperfusion-induced acute renal failure through NMDA receptor antagonism in rats. <i>Molecular and Cellular Biochemistry</i> , 2017 , 434, 33-40	4.2	7
27	Estrogen attenuates renal IRI through PPAR- β -agonism in rats. <i>Journal of Surgical Research</i> , 2016 , 203, 324-30	2.5	17
26	Sildenafil obviates ischemia-reperfusion injury-induced acute kidney injury through peroxisome proliferator-activated receptor β -agonism in rats. <i>Journal of Surgical Research</i> , 2016 , 201, 69-75	2.5	21
25	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, 361-8 ^{3.4}		5
24	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 ^{2.2}		3
23	Pioglitazone ameliorates renal ischemia reperfusion injury through NMDA receptor antagonism in rats. <i>Molecular and Cellular Biochemistry</i> , 2016 , 417, 111-8	4.2	17
22	Mast cell stabilizers obviate high fat diet-induced renal dysfunction in rats. <i>European Journal of Pharmacology</i> , 2016 , 777, 96-103	5.3	13
21	Curcumin alleviates ischemia reperfusion-induced acute kidney injury through NMDA receptor antagonism in rats. <i>Renal Failure</i> , 2016 , 38, 1462-1467	2.9	24
20	Ameliorative role of gemfibrozil against partial abdominal aortic constriction-induced cardiac hypertrophy in rats. <i>Cardiology in the Young</i> , 2015 , 25, 725-30	1	9
19	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	4.2	14

18	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, 123-31	4.2	30
17	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, 631-9	2.5	22
16	Diminution of hepatic response to 7, 12-dimethylbenz(a)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	3.7	18
15	Involvement of progesterone receptors in ascorbic acid-mediated protection against ischemia-reperfusion-induced acute kidney injury. <i>Journal of Surgical Research</i> , 2014 , 187, 278-88	2.5	14
14	Role of progesterone in melatonin-mediated protection against acute kidney injury. <i>Journal of Surgical Research</i> , 2014 , 191, 441-7	2.5	24
13	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, 143-51	3.4	15
12	Hepatic dysfunction induced by 7, 12-dimethylbenz(a)anthracene and its obviation with erucin using enzymatic and histological changes as indicators. <i>PLoS ONE</i> , 2014 , 9, e112614	3.7	18
11	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, 774-83	2.5	23
10	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, 668-77	2.5	31
9	Animal models of acute renal failure. <i>Pharmacological Reports</i> , 2012 , 64, 31-44	3.9	146
8	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, 363-70	7.8	22
7	Mechanisms pertaining to arsenic toxicity. <i>Toxicology International</i> , 2011 , 18, 87-93		164
6	Pharmacological investigations of Punica granatum in glycerol-induced acute renal failure in rats. <i>Indian Journal of Pharmacology</i> , 2011 , 43, 551-6	2.5	22
5	Ameliorative role of rosiglitazone in hyperhomocysteinemia-induced experimental cardiac hypertrophy. <i>Journal of Cardiovascular Pharmacology</i> , 2010 , 56, 53-9	3.1	6
4	Effect of mast cell stabilizers in hyperhomocysteinemia-induced cardiac hypertrophy in rats. <i>Journal of Cardiovascular Pharmacology</i> , 2008 , 51, 596-604	3.1	27
3	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	3.1	27
2	Rodent models of heart failure. <i>Journal of Pharmacological and Toxicological Methods</i> , 2007 , 56, 1-10	1.7	50
1	Hyperhomocysteinemia and Cardiovascular Disorders: Is There a Correlation?. <i>Trends in Medical Research</i> , 2007 , 2, 160-166	0.2	10

