Amrit Pal Singh

List of Publications by Citations

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	Mechanisms pertaining to arsenic toxicity. *Toxicology International*, **2011**, 18, 87-93		164
52	Animal models of acute renal failure. *Pharmacological Reports*, **2012**, 64, 31-44	3.9	146
51	Rodent models of heart failure. *Journal of Pharmacological and Toxicological Methods*, **2007**, 56, 1-10	1.7	50
50	Estradiol attenuates ischemia reperfusion-induced acute kidney injury through PPAR-stimulated eNOS activation in rats. *Molecular and Cellular Biochemistry*, **2019**, 453, 1-9	4.2	32
49	Effect of modulating the allosteric sites of N-methyl-D-aspartate receptors in ischemia-reperfusion induced acute kidney injury. *Journal of Surgical Research*, **2013**, 183, 668-77	2.5	31
48	Glycine aggravates ischemia reperfusion-induced acute kidney injury through N-Methyl-D-Aspartate receptor activation in rats. *Molecular and Cellular Biochemistry*, **2014**, 393, 123-31	4.2	30
47	Effect of mast cell stabilizers in hyperhomocysteinemia-induced cardiac hypertrophy in rats. *Journal of Cardiovascular Pharmacology*, **2008**, 51, 596-604	3.1	27
46	Resident cardiac mast cells: are they the major culprit in the pathogenesis of cardiac hypertrophy?. *Basic and Clinical Pharmacology and Toxicology*, **2008**, 102, 5-9	3.1	27
45	Role of progesterone in melatonin-mediated protection against acute kidney injury. *Journal of Surgical Research*, **2014**, 191, 441-7	2.5	24
44	Curcumin alleviates ischemia reperfusion-induced acute kidney injury through NMDA receptor antagonism in rats. *Renal Failure*, **2016**, 38, 1462-1467	2.9	24
43	Involvement of peroxisome proliferator-activated receptor gamma in vitamin D-mediated protection against acute kidney injury in rats. *Journal of Surgical Research*, **2013**, 185, 774-83	2.5	23
42	Explicit role of peroxisome proliferator-activated receptor gamma in gallic acid-mediated protection against ischemia-reperfusion-induced acute kidney injury in rats. *Journal of Surgical Research*, **2014**, 187, 631-9	2.5	22
41	Impact of obesity on hypertension-induced cardiac remodeling: role of oxidative stress and its modulation by gemfibrozil treatment in rats. *Free Radical Biology and Medicine*, **2011**, 50, 363-70	7.8	22
40	Pharmacological investigations of Punica granatum in glycerol-induced acute renal failure in rats. *Indian Journal of Pharmacology*, **2011**, 43, 551-6	2.5	22
39	Sildenafil obviates ischemia-reperfusion injury-induced acute kidney injury through peroxisome proliferator-activated receptor agonism in rats. *Journal of Surgical Research*, **2016**, 201, 69-75	2.5	21
38	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. *PLoS ONE*, **2014**, 9, e90083	3.7	18
37	Hepatic dysfunction induced by 7, 12-dimethylbenz(a)anthracene and its obviation with erucin using enzymatic and histological changes as indicators. *PLoS ONE*, **2014**, 9, e112614	3.7	18

36	Estrogen attenuates renal IRI through PPAR-agonism in rats. *Journal of Surgical Research*, **2016**, 203, 324-30	2.5	17
35	Pioglitazone ameliorates renal ischemia reperfusion injury through NMDA receptor antagonism in rats. *Molecular and Cellular Biochemistry*, **2016**, 417, 111-8	4.2	17
34	Role of GABAergic activity of sodium valproate against ischemia-reperfusion-induced acute kidney injury in rats. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2014**, 387, 143-51	3.4	15
33	Investigation of the role of nitric oxide/soluble guanylyl cyclase pathway in ascorbic acid-mediated protection against acute kidney injury in rats. *Molecular and Cellular Biochemistry*, **2015**, 406, 1-7	4.2	14
32	Involvement of progesterone receptors in ascorbic acid-mediated protection against ischemia-reperfusion-induced acute kidney injury. *Journal of Surgical Research*, **2014**, 187, 278-88	2.5	14
31	Hepatoprotective activity of Butea monosperma bark against thioacetamide-induced liver injury in rats. *Biomedicine and Pharmacotherapy*, **2017**, 89, 332-341	7.5	13
30	Amelioration of hepatic function, oxidative stress, and histopathologic damages by Cassia fistula L. fraction in thioacetamide-induced liver toxicity. *Environmental Science and Pollution Research*, **2019**, 26, 29930-29945	5.1	13
29	Mast cell stabilizers obviate high fat diet-induced renal dysfunction in rats. *European Journal of Pharmacology*, **2016**, 777, 96-103	5.3	13
28	Antioxidant and hepatoprotective potential of Lawsonia inermis L. leaves against 2-acetylaminofluorene induced hepatic damage in male Wistar rats. *BMC Complementary and Alternative Medicine*, **2017**, 17, 56	4.7	12
27	Hyperhomocysteinemia and Cardiovascular Disorders: Is There a Correlation?. *Trends in Medical Research*, **2007**, 2, 160-166	0.2	10
26	PHISTc protein family members localize to different subcellular organelles and bind Plasmodium falciparum major virulence factor PfEMP-1. *FEBS Journal*, **2018**, 285, 294-312	5.7	10
25	Ethyl acetate fraction of Pteris vittata L. alleviates 2-acetylaminofluorene induced hepatic alterations in male Wistar rats. *Biomedicine and Pharmacotherapy*, **2017**, 88, 1080-1089	7.5	9
24	Ameliorative role of gemfibrozil against partial abdominal aortic constriction-induced cardiac hypertrophy in rats. *Cardiology in the Young*, **2015**, 25, 725-30	1	9
23	Estradiol mitigates ischemia reperfusion-induced acute renal failure through NMDA receptor antagonism in rats. *Molecular and Cellular Biochemistry*, **2017**, 434, 33-40	4.2	7
22	Preliminary studies of strontium and selenium binary doped CaO-SiO2-P2O5-MgO bioceramics for faster growth of hydroxyapatite and bone regeneration applications. *Materials Chemistry and Physics*, **2020**, 253, 123329	4.4	7
21	Tinospora cordifolia attenuates high fat diet-induced obesity and associated hepatic and renal dysfunctions in rats. *PharmaNutrition*, **2020**, 13, 100189	2.9	7
20	Tinospora cordifolia ameliorates brain functions impairments associated with high fat diet induced obesity. *Neurochemistry International*, **2021**, 143, 104937	4.4	7
19	Ameliorative role of rosiglitazone in hyperhomocysteinemia-induced experimental cardiac hypertrophy. *Journal of Cardiovascular Pharmacology*, **2010**, 56, 53-9	3.1	6

18	Protective Effect of Esculetin, Natural Coumarin in Mice Model of Fibromyalgia: Targeting Pro-Inflammatory Cytokines and MAO-A. *Neurochemical Research*, **2020**, 45, 2364-2374	4.6	6
17	Sol-gel derived strontium-doped SiO2CaOMgOP2O5 bioceramics for faster growth of bone like hydroxyapatite and their in vitro study for orthopedic applications. *Materials Chemistry and Physics*, **2020**, 245, 122763	4.4	5
16	Dipyridamole attenuates ischemia reperfusion induced acute kidney injury through adenosinergic A1 and A2A receptor agonism in rats. *Naunyn-Schmiedebergs Archives of Pharmacology*, **2016**, 389, 361-8	3.4	5
15	Inner membrane complex 1l protein of Plasmodium falciparum links membrane lipids with cytoskeletal element actin and its associated motor myosin *International Journal of Biological Macromolecules*, **2019**, 126, 673-684	7.9	4
14	Fenofibrate attenuates ischemia reperfusion-induced acute kidney injury and associated liver dysfunction in rats. *Drug Development Research*, **2021**, 82, 412-421	5.1	4
13	To Analyze the Amelioration of Phenobarbital Induced Oxidative Stress by Erucin, as Indicated by Biochemical and Histological Alterations. *Anti-Cancer Agents in Medicinal Chemistry*, **2016**, 16, 1445-1454	2.2	3
12	Ameliorative role of bosentan, an endothelin receptor antagonist, against sodium arsenite-induced renal dysfunction in rats. *Environmental Science and Pollution Research*, **2021**, 28, 7180-7190	5.1	3
11	Ameliorative role of inducible nitric oxide synthase inhibitors against sodium arsenite-induced renal and hepatic dysfunction in rats. *Drug and Chemical Toxicology*, **2021**, 1-7	2.3	2
10	Stevioside protects against rhabdomyolysis-induced acute kidney injury through PPAR- agonism in rats. *Drug Development Research*, **2021**, 82, 59-67	5.1	2
9	Elucidating the role of size of hydroxyl apatite particles toward the development of competent antiosteoporotic bioceramic materials: In vitro and in vivo studies. *Journal of Biomedical Materials Research - Part A*, **2019**, 107, 1723-1735	5.4	1
8	Enhanced oral bioavailability and anti-diabetic activity of canagliflozin through a spray dried lipid based oral delivery: a novel paradigm. *DARU, Journal of Pharmaceutical Sciences*, **2020**, 28, 191-208	3.9	1
7	Plasmodium falciparum protein PfJ23 hosts distinct binding sites for major virulence factor PfEMP1 and Maurer's cleft marker PfSBP1 *Pathogens and Disease*, **2018**, 76,	4.2	1
6	Umbelliferone attenuates glycerol-induced myoglobinuric acute kidney injury through peroxisome proliferator-activated receptor- agonism in rats. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22892	3.4	1
5	Ameliorative Role of Diallyl Disulfide Against Glycerol-induced Nephrotoxicity in Rats. *Journal of Pharmacy and Bioallied Sciences*, **2021**, 13, 129-135	1.1	1
4	Polymeric Precipitation Inhibitor Based Solid Supersaturable SMEDD Formulation of Canagliflozin: Improved Bioavailability and Anti-diabetic Activity. *Journal of Pharmaceutical Innovation*, **2021**, 16, 317-336	1.8	0
3	Betaine attenuates sodium arsenite-induced renal dysfunction in rats. *Drug and Chemical Toxicology* , **2021**, 1-8	2.3	0
2	Vicious Link of Obesity with Cardiometabolic and Renal Diseases **2020**, 111-124		
1	Estradiol Benzoate Ameliorates Obesity-Induced Renal Dysfunction in Male Rats: Biochemical and Morphological Observations **2020**, 367-384		