Sunanda Panda

List of Publications by Year in Descending Order

46 papers	1,219 citations	20 h-index	34 g-index
49 ext. papers	1,391 ext. citations	4.5 avg, IF	4.65 L-index

#	Paper	IF	Citations
46	Regulation of PTU-induced hypothyroidism in rats by caffeic acid primarily by activating thyrotropin receptors and by inhibiting oxidative stress. *Phytomedicine Plus*, **2022**, 2, 100298		1
45	Syringic acid, a novel thyroid hormone receptor-□agonist, ameliorates propylthiouracil-induced thyroid toxicity in rats. *Journal of Biochemical and Molecular Toxicology*, **2021**, 35, e22814	3.4	3
44	Evaluation of antithyroid potential of peel extract and its chemical constituents as identified by HR-LC/MS. *Journal of Food Science and Technology*, **2020**, 57, 2819-2827	3.3	1
43	Peel extract of Trichosanthes dioica has the potential to ameliorate T4-induced thyrotoxicosis and hyperglycemia in mice. *Advances in Traditional Medicine*, **2020**, 20, 99-105	1.4	
42	Ameliorative effect of Aloe gel against L-T-induced hyperthyroidism via suppression of thyrotropin receptors, inflammation and oxidative stress. *Molecular Biology Reports*, **2020**, 47, 2801-2810	2.8	1
41	Allylpyrocatechol, isolated from betel leaf ameliorates thyrotoxicosis in rats by altering thyroid peroxidase and thyrotropin receptors. *Scientific Reports*, **2019**, 9, 12276	4.9	7
40	Chavibetol corrects thyrotoxicosis through alterations in thyroid peroxidase. *Naunyn-Schmiedeberg's Archives of Pharmacology*, **2019**, 392, 541-550	3.4	7
39	Antithyroidic and hepatoprotective properties of high-resolution liquid chromatography□Mass spectroscopy-standardized Piper betle leaf extract in rats and analysis of its main bioactive constituents. *Pharmacognosy Magazine*, **2018**, 14, 658	0.8	5
38	Preventive effect of Agnucastoside C against Isoproterenol-induced myocardial injury. *Scientific Reports*, **2017**, 7, 16146	4.9	34
37	Role of a gitogenin-type steroidal saponin (3-O-□-d-glucopyranosyl (1->2)-□-d-glucopyranosyl (1->4)-□-d-galactopyranoside-25R,5□-spirostane-2□,3□-diol), isolated from the leaves of Malvastrum coromandelianum in regulating thyrotoxicosis in rats. *Bioorganic and Medicinal Chemistry Letters*, **2016**, 26, 4804-4807	2.9	3
36	Combined Effects of Vincristine and Quercetin in Reducing Isoproterenol-Induced Cardiac Necrosis in Rats. *Cardiovascular Toxicology*, **2015**, 15, 291-9	3.4	6
35	Protective effects of 5,7,4□-trihydroxy-6,3□-dimethoxy-flavone 5-O-□-rhamnopyranoside, isolated from Annona squamosa leaves in thyrotoxicosis and in hepatic lipid peroxidation in rats. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 5726-8	2.9	7
34	Butanolic fraction of Moringa oleifera Lam. (Moringaceae) attenuates isoprotrenol-induced cardiac necrosis and oxidative stress in rats: an EPR study. *EXCLI Journal*, **2015**, 14, 64-74	2.4	12
33	Pyrroloquinoline quinone ameliorates l-thyroxine-induced hyperthyroidism and associated problems in rats. *Cell Biochemistry and Function*, **2014**, 32, 538-46	4.2	9
32	Antithyroid effects of naringin, hesperidin and rutin in l-T4 induced hyperthyroid rats: possible mediation through 5□DI activity. *Pharmacological Reports*, **2014**, 66, 1092-9	3.9	15
31	Cardioprotective effect of vincristine on isoproterenol-induced myocardial necrosis in rats. *European Journal of Pharmacology*, **2014**, 723, 451-8	5.3	29
30	Cardioprotective potential of N,□-rhamnopyranosyl vincosamide, an indole alkaloid, isolated from the leaves of Moringa oleifera in isoproterenol induced cardiotoxic rats: in vivo and in vitro studies. *Bioorganic and Medicinal Chemistry Letters*, **2013**, 23, 959-62	2.9	70

29	Trigonelline isolated from fenugreek seed protects against isoproterenol-induced myocardial injury through down-regulation of Hsp27 and B-crystallin. *Nutrition*, **2013**, 29, 1395-403	4.8	21
28	ERK2-mediated phosphorylation of transcriptional coactivator binding protein PIMT/NCoA6IP at Ser298 augments hepatic gluconeogenesis. *PLoS ONE*, **2013**, 8, e83787	3.7	11
27	A novel phytochemical, digoxigenin-3-O-rutin in the amelioration of isoproterenol-induced myocardial infarction in rat: a comparison with digoxin. *Cardiovascular Therapeutics*, **2012**, 30, 125-35	3.3	5
26	Combined effects of quercetin and atenolol in reducing isoproterenol-induced cardiotoxicity in rats: possible mediation through scavenging free radicals. *Cardiovascular Toxicology*, **2012**, 12, 235-42	3.4	21
25	Periplogenin, isolated from Lagenaria siceraria, ameliorates L-T-induced hyperthyroidism and associated cardiovascular problems. *Hormone and Metabolic Research*, **2011**, 43, 188-93	3.1	16
24	Thyroid inhibitory, antiperoxidative and hypoglycemic effects of stigmasterol isolated from Butea monosperma. *F-oterap-*, **2009**, 80, 123-6	3.2	127
23	Soy sterols in the regulation of thyroid functions, glucose homeostasis and hepatic lipid peroxidation in mice. *Food Research International*, **2009**, 42, 1087-1092	7	11
22	Periplogenin-3-O- -D-glucopyranosyl -(1-->6)- -D-glucopyaranosyl- -(1-->4) -D-cymaropyranoside, isolated from Aegle marmelos protects doxorubicin induced cardiovascular problems and hepatotoxicity in rats. *Cardiovascular Therapeutics*, **2009**, 27, 108-16	3.3	13
21	The effect of Anethum graveolens L. (dill) on corticosteroid induced diabetes mellitus: involvement of thyroid hormones. *Phytotherapy Research*, **2008**, 22, 1695-7	6.7	27
20	Apigenin (4T5,7-trihydroxyflavone) regulates hyperglycaemia, thyroid dysfunction and lipid peroxidation in alloxan-induced diabetic mice. *Journal of Pharmacy and Pharmacology*, **2007**, 59, 1543-8	4.8	82
19	Amelioration of L-thyroxine-induced hyperthyroidism by coumarin (1,2-benzopyrone) in female rats. *Clinical and Experimental Pharmacology and Physiology*, **2007**, 34, 1217-9	3	8
18	Amelioration of corticosteroid-induced type 2 diabetes mellitus by rosiglitazone is possibly mediated through stimulation of thyroid function and inhibition of tissue lipid peroxidation in mice. *Basic and Clinical Pharmacology and Toxicology*, **2007**, 101, 177-80	3.1	18
17	Annona squamosa seed extract in the regulation of hyperthyroidism and lipid-peroxidation in mice: possible involvement of quercetin. *Phytomedicine*, **2007**, 14, 799-805	6.5	42
16	Antidiabetic and antioxidative effects of Annona squamosa leaves are possibly mediated through quercetin-3-O-glucoside. *BioFactors*, **2007**, 31, 201-10	6.1	79
15	Evaluation of the antithyroid, antioxidative and antihyperglycemic activity of scopoletin from Aegle marmelos leaves in hyperthyroid rats. *Phytotherapy Research*, **2006**, 20, 1103-5	6.7	91
14	Guggulu (Commiphora mukul) potentially ameliorates hypothyroidism in female mice. *Phytotherapy Research*, **2005**, 19, 78-80	6.7	28
13	Piperine lowers the serum concentrations of thyroid hormones, glucose and hepatic 5D activity in adult male mice. *Hormone and Metabolic Research*, **2003**, 35, 523-6	3.1	57
12	Ayurvedic Therapies for Thyroid Dysfunction **2003**, 133-148		1

11	Relative efficacy of three medicinal plant extracts in the alteration of thyroid hormone concentrations in male mice. *Journal of Ethnopharmacology*, **2002**, 81, 281-5	5	68
10	Inhibition of T3 production in levothyroxine-treated female mice by the root extract of Convolvulus pluricaulis. *Hormone and Metabolic Research*, **2001**, 33, 16-8	3.1	15
9	How safe is neem extract with respect to thyroid function in male mice?. *Pharmacological Research*, **2000**, 41, 419-22	10.2	16
8	Withania somnifera root extract in the regulation of lead-induced oxidative damage in male mouse. *Pharmacological Research*, **2000**, 41, 663-6	10.2	35
7	Withania somnifera and Bauhinia purpurea in the regulation of circulating thyroid hormone concentrations in female mice. *Journal of Ethnopharmacology*, **1999**, 67, 233-9	5	58
6	Inhibition of triiodothyronine production by fenugreek seed extract in mice and rats. *Pharmacological Research*, **1999**, 40, 405-9	10.2	34
5	Gugulu (Commiphora mukul) induces triiodothyronine production: possible involvement of lipid peroxidation. *Life Sciences*, **1999**, 65, PL137-41	6.8	29
4	Changes in thyroid hormone concentrations after administration of ashwagandha root extract to adult male mice. *Journal of Pharmacy and Pharmacology*, **1998**, 50, 1065-8	4.8	54
3	Ocimum sanctum leaf extract in the regulation of thyroid function in the male mouse. *Pharmacological Research*, **1998**, 38, 107-10	10.2	20
2	Dual role of betel leaf extract on thyroid function in male mice. *Pharmacological Research*, **1998**, 38, 493-6	10.2	13
1	Lead inhibits type-I iodothyronine 5?-monodeiodinase in the Indian rock pigeonColumba livia: A possible involvement of essential thiol groups. *Journal of Biosciences*, **1997**, 22, 247-254	2.3	8