

Sunanda Panda

List of Publications by Citations

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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.

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	Thyroid inhibitory, antiperoxidative and hypoglycemic effects of stigmasterol isolated from <i>Butea monosperma</i> . <i>Floterap</i> , 2009 , 80, 123-6	3.2	127
45	Evaluation of the antithyroid, antioxidative and antihyperglycemic activity of scopoletin from <i>Aegle marmelos</i> leaves in hyperthyroid rats. <i>Phytotherapy Research</i> , 2006 , 20, 1103-5	6.7	91
44	Apigenin (4',5,7-trihydroxyflavone) regulates hyperglycaemia, thyroid dysfunction and lipid peroxidation in alloxan-induced diabetic mice. <i>Journal of Pharmacy and Pharmacology</i> , 2007 , 59, 1543-8	4.8	82
43	Antidiabetic and antioxidative effects of <i>Annona squamosa</i> leaves are possibly mediated through quercetin-3-O-glucoside. <i>BioFactors</i> , 2007 , 31, 201-10	6.1	79
42	Cardioprotective potential of N,L-rhamnopyranosyl vincosamide, an indole alkaloid, isolated from the leaves of <i>Moringa oleifera</i> in isoproterenol induced cardiotoxic rats: in vivo and in vitro studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013 , 23, 959-62	2.9	70
41	Relative efficacy of three medicinal plant extracts in the alteration of thyroid hormone concentrations in male mice. <i>Journal of Ethnopharmacology</i> , 2002 , 81, 281-5	5	68
40	<i>Withania somnifera</i> and <i>Bauhinia purpurea</i> in the regulation of circulating thyroid hormone concentrations in female mice. <i>Journal of Ethnopharmacology</i> , 1999 , 67, 233-9	5	58
39	Piperine lowers the serum concentrations of thyroid hormones, glucose and hepatic ST activity in adult male mice. <i>Hormone and Metabolic Research</i> , 2003 , 35, 523-6	3.1	57
38	Changes in thyroid hormone concentrations after administration of ashwagandha root extract to adult male mice. <i>Journal of Pharmacy and Pharmacology</i> , 1998 , 50, 1065-8	4.8	54
37	<i>Annona squamosa</i> seed extract in the regulation of hyperthyroidism and lipid-peroxidation in mice: possible involvement of quercetin. <i>Phytomedicine</i> , 2007 , 14, 799-805	6.5	42
36	<i>Withania somnifera</i> root extract in the regulation of lead-induced oxidative damage in male mouse. <i>Pharmacological Research</i> , 2000 , 41, 663-6	10.2	35
35	Preventive effect of Agnucastaside C against Isoproterenol-induced myocardial injury. <i>Scientific Reports</i> , 2017 , 7, 16146	4.9	34
34	Inhibition of triiodothyronine production by fenugreek seed extract in mice and rats. <i>Pharmacological Research</i> , 1999 , 40, 405-9	10.2	34
33	Cardioprotective effect of vincristine on isoproterenol-induced myocardial necrosis in rats. <i>European Journal of Pharmacology</i> , 2014 , 723, 451-8	5.3	29
32	Gugulu (<i>Commiphora mukul</i>) induces triiodothyronine production: possible involvement of lipid peroxidation. <i>Life Sciences</i> , 1999 , 65, PL137-41	6.8	29
31	Guggulu (<i>Commiphora mukul</i>) potentially ameliorates hypothyroidism in female mice. <i>Phytotherapy Research</i> , 2005 , 19, 78-80	6.7	28
30	The effect of <i>Anethum graveolens</i> L. (dill) on corticosteroid induced diabetes mellitus: involvement of thyroid hormones. <i>Phytotherapy Research</i> , 2008 , 22, 1695-7	6.7	27

29	Trigonelline isolated from fenugreek seed protects against isoproterenol-induced myocardial injury through down-regulation of Hsp27 and β -crystallin. <i>Nutrition</i> , 2013 , 29, 1395-403	4.8	21
28	Combined effects of quercetin and atenolol in reducing isoproterenol-induced cardiotoxicity in rats: possible mediation through scavenging free radicals. <i>Cardiovascular Toxicology</i> , 2012 , 12, 235-42	3.4	21
27	<i>Ocimum sanctum</i> leaf extract in the regulation of thyroid function in the male mouse. <i>Pharmacological Research</i> , 1998 , 38, 107-10	10.2	20
26	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. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2007 , 101, 177-80	3.1	18
25	Periplogenin, isolated from <i>Lagenaria siceraria</i> , ameliorates L-T ₄ induced hyperthyroidism and associated cardiovascular problems. <i>Hormone and Metabolic Research</i> , 2011 , 43, 188-93	3.1	16
24	How safe is neem extract with respect to thyroid function in male mice?. <i>Pharmacological Research</i> , 2000 , 41, 419-22	10.2	16
23	Antithyroid effects of naringin, hesperidin and rutin in L-T ₄ induced hyperthyroid rats: possible mediation through 5 α DI activity. <i>Pharmacological Reports</i> , 2014 , 66, 1092-9	3.9	15
22	Inhibition of T ₃ production in levothyroxine-treated female mice by the root extract of <i>Convolvulus pluricaulis</i> . <i>Hormone and Metabolic Research</i> , 2001 , 33, 16-8	3.1	15
21	Periplogenin-3-O- β -D-glucopyranosyl-(1 \rightarrow 6)- β -D-glucopyranosyl-(1 \rightarrow 4)- β -D-cymaropyranoside, isolated from <i>Aegle marmelos</i> protects doxorubicin induced cardiovascular problems and hepatotoxicity in rats. <i>Cardiovascular Therapeutics</i> , 2009 , 27, 108-16	3.3	13
20	Dual role of betel leaf extract on thyroid function in male mice. <i>Pharmacological Research</i> , 1998 , 38, 493-6.2	10.2	13
19	Butanolic fraction of <i>Moringa oleifera</i> Lam. (Moringaceae) attenuates isoproterenol-induced cardiac necrosis and oxidative stress in rats: an EPR study. <i>EXCLI Journal</i> , 2015 , 14, 64-74	2.4	12
18	ERK2-mediated phosphorylation of transcriptional coactivator binding protein PIMT/NCoA6IP at Ser298 augments hepatic gluconeogenesis. <i>PLoS ONE</i> , 2013 , 8, e83787	3.7	11
17	Soy sterols in the regulation of thyroid functions, glucose homeostasis and hepatic lipid peroxidation in mice. <i>Food Research International</i> , 2009 , 42, 1087-1092	7	11
16	Pyrroloquinoline quinone ameliorates l-thyroxine-induced hyperthyroidism and associated problems in rats. <i>Cell Biochemistry and Function</i> , 2014 , 32, 538-46	4.2	9
15	Lead inhibits type-I iodothyronine 5 α -monodeiodinase in the Indian rock pigeon <i>Columba livia</i> : A possible involvement of essential thiol groups. <i>Journal of Biosciences</i> , 1997 , 22, 247-254	2.3	8
14	Amelioration of L-thyroxine-induced hyperthyroidism by coumarin (1,2-benzopyrone) in female rats. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2007 , 34, 1217-9	3	8
13	Allylpyrocatechol, isolated from betel leaf ameliorates thyrotoxicosis in rats by altering thyroid peroxidase and thyrotropin receptors. <i>Scientific Reports</i> , 2019 , 9, 12276	4.9	7
12	Protective effects of 5,7,4 β trihydroxy-6,3 β dimethoxy-flavone 5-O- β -rhamnopyranoside, isolated from <i>Annona squamosa</i> leaves in thyrotoxicosis and in hepatic lipid peroxidation in rats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 5726-8	2.9	7

11	Chavibetol corrects thyrotoxicosis through alterations in thyroid peroxidase. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2019 , 392, 541-550	3.4	7
10	Combined Effects of Vincristine and Quercetin in Reducing Isoproterenol-Induced Cardiac Necrosis in Rats. <i>Cardiovascular Toxicology</i> , 2015 , 15, 291-9	3.4	6
9	A novel phytochemical, digoxigenin-3-O-rutin in the amelioration of isoproterenol-induced myocardial infarction in rat: a comparison with digoxin. <i>Cardiovascular Therapeutics</i> , 2012 , 30, 125-35	3.3	5
8	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. <i>Pharmacognosy Magazine</i> , 2018 , 14, 658	0.8	5
7	Syringic acid, a novel thyroid hormone receptor- β agonist, ameliorates propylthiouracil-induced thyroid toxicity in rats. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021 , 35, e22814	3.4	3
6	Role of a gitogenin-type steroidal saponin (3-O- β -glucopyranosyl (1->2)- β -glucopyranosyl (1->4)- β -galactopyranoside-25R,5 β -spirostane-2 β -diol), isolated from the leaves of <i>Malvastrum coromandelianum</i> in regulating thyrotoxicosis in rats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016 , 26, 1894-1897	2.9	3
5	Evaluation of antithyroid potential of peel extract and its chemical constituents as identified by HR-LC/MS. <i>Journal of Food Science and Technology</i> , 2020 , 57, 2819-2827	3.3	1
4	Ameliorative effect of Aloe gel against L-T-induced hyperthyroidism via suppression of thyrotropin receptors, inflammation and oxidative stress. <i>Molecular Biology Reports</i> , 2020 , 47, 2801-2810	2.8	1
3	Ayurvedic Therapies for Thyroid Dysfunction 2003 , 133-148		1
2	Regulation of PTU-induced hypothyroidism in rats by caffeic acid primarily by activating thyrotropin receptors and by inhibiting oxidative stress. <i>Phytomedicine Plus</i> , 2022 , 2, 100298		1
1	Peel extract of <i>Trichosanthes dioica</i> has the potential to ameliorate T4-induced thyrotoxicosis and hyperglycemia in mice. <i>Advances in Traditional Medicine</i> , 2020 , 20, 99-105	1.4	