

Sunanda Panda

List of Publications by Year in descending order

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48
papers

1,615
citations

331259

21
h-index

301761

39
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49
all docs

49
docs citations

49
times ranked

1967
citing authors

#	ARTICLE	IF	CITATIONS
1	Thyroid inhibitory, antiperoxidative and hypoglycemic effects of stigmasterol isolated from <i>Butea monosperma</i> . <i>FA-toterap</i> , 2009, 80, 123-126.	1.1	169
2	Apigenin (4,5,7-trihydroxyflavone) regulates hyperglycaemia, thyroid dysfunction and lipid peroxidation in alloxan-induced diabetic mice. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 59, 1543-1548.	1.2	115
3	Antidiabetic and antioxidative effects of <i>Annona squamosa</i> leaves are possibly mediated through quercetin- β -D-glucoside. <i>BioFactors</i> , 2007, 31, 201-210.	2.6	107
4	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, 1103-1105.	2.8	102
5	Relative efficacy of three medicinal plant extracts in the alteration of thyroid hormone concentrations in male mice. <i>Journal of Ethnopharmacology</i> , 2002, 81, 281-285.	2.0	90
6	Cardioprotective potential of N,1'-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, 959-962.	1.0	88
7	Piperine Lowers the Serum Concentrations of Thyroid Hormones, Glucose and Hepatic 5 α -D Activity in Adult Male Mice. <i>Hormone and Metabolic Research</i> , 2003, 35, 523-526.	0.7	76
8	<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, 233-239.	2.0	72
9	Changes in Thyroid Hormone Concentrations after Administration of Ashwagandha Root Extract to Adult Male Mice. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 50, 1065-1068.	1.2	68
10	<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.	2.3	66
11	Preventive effect of Agnucastolide C against Isoproterenol-induced myocardial injury. <i>Scientific Reports</i> , 2017, 7, 16146.	1.6	51
12	Guggulu (<i>Commiphora mukul</i>) potentially ameliorates hypothyroidism in female mice. <i>Phytotherapy Research</i> , 2005, 19, 78-80.	2.8	46
13	Gugulu (<i>Commiphora mukul</i>) induces triiodothyronine production: Possible involvement of lipid peroxidation. <i>Life Sciences</i> , 1999, 65, PL137-PL141.	2.0	43
14	The effect of <i>Anethum graveolens</i> L. (dill) on corticosteroid induced diabetes mellitus: involvement of thyroid hormones. <i>Phytotherapy Research</i> , 2008, 22, 1695-1697.	2.8	40
15	WITHANIA SOMNIFERA ROOT EXTRACT IN THE REGULATION OF LEAD-INDUCED OXIDATIVE DAMAGE IN MALE MOUSE. <i>Pharmacological Research</i> , 2000, 41, 663-666.	3.1	38
16	INHIBITION OF TRIIODOTHYRONINE PRODUCTION BY FENUGREEK SEED EXTRACT IN MICE AND RATS. <i>Pharmacological Research</i> , 1999, 40, 405-409.	3.1	36
17	Cardioprotective effect of vincristine on isoproterenol-induced myocardial necrosis in rats. <i>European Journal of Pharmacology</i> , 2014, 723, 451-458.	1.7	33
18	ERK2-Mediated Phosphorylation of Transcriptional Coactivator Binding Protein PIMT/NCoA6IP at Ser298 Augments Hepatic Gluconeogenesis. <i>PLoS ONE</i> , 2013, 8, e83787.	1.1	32

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19	OCIMUM SANCTUMLEAF EXTRACT IN THE REGULATION OF THYROID FUNCTION IN THE MALE MOUSE. Pharmacological Research, 1998, 38, 107-110.	3.1	30
20	Trigonelline isolated from fenugreek seed protects against isoproterenol-induced myocardial injury through down-regulation of Hsp27 and I β -crystallin. Nutrition, 2013, 29, 1395-1403.	1.1	26
21	Combined Effects of Quercetin and Atenolol in Reducing Isoproterenol-Induced Cardiotoxicity in Rats: Possible Mediation Through Scavenging Free Radicals. Cardiovascular Toxicology, 2012, 12, 235-242.	1.1	23
22	HOW SAFE IS NEEM EXTRACT WITH RESPECT TO THYROID FUNCTION IN MALE MICE?. Pharmacological Research, 2000, 41, 419-422.	3.1	22
23	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, 177-180.	1.2	21
24	Periplogenin, Isolated from <i>Lagenaria siceraria</i> , Ameliorates L-T ₄ -induced Hyperthyroidism and Associated Cardiovascular Problems. Hormone and Metabolic Research, 2011, 43, 188-193.	0.7	20
25	Periplogenin β -D-Glucopyranosyl (1 \rightarrow '6) α -D-Glucopyranosyl α -(1 \rightarrow '4) α -D-Cymaropyranoside, Isolated from <i>Aegle marmelos</i> Protects Doxorubicin Induced Cardiovascular Problems and Hepatotoxicity in Rats. Cardiovascular Therapeutics, 2009, 27, 108-116.	1.1	19
26	Antithyroid effects of naringin, hesperidin and rutin in l-T ₄ induced hyperthyroid rats: Possible mediation through 5 α - β DI activity. Pharmacological Reports, 2014, 66, 1092-1099.	1.5	19
27	Inhibition of T ₃ Production in Levothyroxine-Treated Female Mice by the Root Extract of <i>Convolvulus pluricaulis</i> . Hormone and Metabolic Research, 2001, 33, 16-18.	0.7	18
28	Dual role of betel leaf extract on thyroid function in male mice. Pharmacological Research, 1998, 38, 493-496.	3.1	16
29	Butanolic fraction of <i>Moringa oleifera</i> Lam. (Moringaceae) attenuates isoprotrenol-induced cardiac necrosis and oxidative stress in rats: an EPR study. EXCLI Journal, 2015, 14, 64-74.	0.5	14
30	Soy sterols in the regulation of thyroid functions, glucose homeostasis and hepatic lipid peroxidation in mice. Food Research International, 2009, 42, 1087-1092.	2.9	13
31	AMELIORATION OF l-THYROXINE-INDUCED HYPERTHYROIDISM BY COUMARIN (1,2-BENZOPYRONE) IN FEMALE RATS. Clinical and Experimental Pharmacology and Physiology, 2007, 34, 070705192437006-???	0.9	12
32	Pyrroloquinoline quinone ameliorates α -thyroxine α -induced hyperthyroidism and associated problems in rats. Cell Biochemistry and Function, 2014, 32, 538-546.	1.4	11
33	Combined Effects of Vincristine and Quercetin in Reducing Isoproterenol-Induced Cardiac Necrosis in Rats. Cardiovascular Toxicology, 2015, 15, 291-299.	1.1	9
34	Allylpyrocatechol, isolated from betel leaf ameliorates thyrotoxicosis in rats by altering thyroid peroxidase and thyrotropin receptors. Scientific Reports, 2019, 9, 12276.	1.6	9
35	Chavibetol corrects thyrotoxicosis through alterations in thyroid peroxidase. Naunyn-Schmiedeberg's Archives of Pharmacology, 2019, 392, 541-550.	1.4	9
36	Syringic acid, a novel thyroid hormone receptor α agonist, ameliorates propylthiouracil α -induced thyroid toxicity in rats. Journal of Biochemical and Molecular Toxicology, 2021, 35, e22814.	1.4	9

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37	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.	0.5	8
38	Protective effects of 5,7,4-trihydroxy-6,3-dimethoxy-flavone 5-O- β -l-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, 5726-5728.	1.0	8
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. <i>Pharmacognosy Magazine</i> , 2018, 14, 658.	0.3	6
40	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, 125-135.	1.1	5
41	Role of a gitogenin-type steroidal saponin (3-O- β -d-glucopyranosyl (1 \rightarrow 2)- β -d-glucopyranosyl (1 \rightarrow 4)- β -d) Tj ETQq1 1 0.78431 coromandelianum in regulating thyrotoxicosis in rats. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016. 26, 4804-4807.	1.0	4
42	Ameliorative effect of Aloe gel against L-T4-induced hyperthyroidism via suppression of thyrotropin receptors, inflammation and oxidative stress. <i>Molecular Biology Reports</i> , 2020, 47, 2801-2810.	1.0	3
43	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.	0.9	3
44	Evaluation of antithyroid potential of <i>Luffa acutangula</i> peel extract and its chemical constituents as identified by HR-LC/MS. <i>Journal of Food Science and Technology</i> , 2020, 57, 2819-2827.	1.4	2
45	Agnucastolide C, isolated from <i>Moringa oleifera</i> ameliorates thyrotoxicosis and liver abnormalities in female mice. <i>Clinical Phytoscience</i> , 2020, 6, .	0.8	2
46	Effect of Digoxigenin-3-O-rutin isolated from <i>Trigonella foenum graecum</i> on T4-induced hyperthyroidism and serum lipid concentrations. <i>Pharmacognosy Journal</i> , 2014, 6, 24-30.	0.3	1
47	Ayurvedic Therapies for Thyroid Dysfunction. , 2003, , 133-148.		1
48	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.	1.0	0