Sanjay M Jachak

List of Publications by Year
in descending order

52 papers	2,456 citations	218677 26 h-index	197818 49 g-index
56 all docs	56 docs citations	56 times ranked	3904 citing authors

#	Article	IF	Citations
1	Recent developments in antiâ€inflammatory natural products. Medicinal Research Reviews, 2009, 29, 767-820.	10.5	375
2	Design, synthesis, biological evaluation and molecular docking of curcumin analogues as antioxidant, cyclooxygenase inhibitory and anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 1793-1797.	2.2	273
3	Indian medicinal plants as a source of antimycobacterial agents. Journal of Ethnopharmacology, 2007, 110, 200-234.	4.1	227
4	Coumarins as privileged scaffold for anti-inflammatory drug development. RSC Advances, 2015, 5, 38892-38905.	3.6	155
5	Phytochemical, Therapeutic, and Ethnopharmacological Overview for a Traditionally Important Herb:Boerhavia diffusaLinn.. BioMed Research International, 2014, 2014, 1-19.	1.9	104
6	Recent developments in chemistry and biology of curcumin analogues. RSC Advances, 2014, 4, 13946.	3.6	90
7	Cyclooxygenase Inhibitory Natural Products: Current Status. Current Medicinal Chemistry, 2006, 13, 659-678.	2.4	79
8	NorA efflux pump inhibitory activity of coumarins from Mesua ferrea. FÃ¬toterapÃ¬Ã¢, 2013, 90, 140-150.	2.2	79
9	Anti-inflammatory effect of Ajuga bracteosa Wall Ex Benth. mediated through cyclooxygenase (COX) inhibition. Journal of Ethnopharmacology, 2011, 133, 928-930.	4.1	70
10	A cyclooxygenase (COX) inhibitory biflavonoid from the seeds of Semecarpus anacardium. Journal of Ethnopharmacology, 2004, 95, 209-212.	4.1	69
11	Synthesis of novel celecoxib analogues by bioisosteric replacement of sulfonamide as potent anti-inflammatory agents and cyclooxygenase inhibitors. Bioorganic and Medicinal Chemistry, 2013, 21, 4581-4590.	3.0	61
12	Synthesis, biological evaluation and molecular docking studies of stellatin derivatives as cyclooxygenase (COX-1, COX-2) inhibitors and anti-inflammatory agents. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 1612-1616.	2.2	60
13	Anti-inflammatory, cyclooxygenase inhibitory and antioxidant activities of standardized extracts of Tridax procumbens L.. FÃ¬toterapÃ¬Ã¢, 2011, 82, 173-177.	2.2	59
14	Anti-inflammatory, Cyclooxygenase (COX)-2, COX-1 Inhibitory, and Free Radical Scavenging Effects ofRumex nepalensis. Planta Medica, 2010, 76, 1564-1569.	1.3	52
15	Antiarthritic effects of Ajuga bracteosa Wall ex Benth. in acute and chronic models of arthritis in albino rats. Asian Pacific Journal of Tropical Biomedicine, 2012, 2, 185-188.	1.2	45
16	Synthesis, biological evaluation, molecular docking and theoretical evaluation of ADMET properties of nepodin and chrysophanol derivatives as potential cyclooxygenase (COX-1, COX-2) inhibitors. European Journal of Medicinal Chemistry, 2014, 80, 47-56.	5.5	44
17	Rotenoids from Boerhaavia diffusa as Potential Anti-inflammatory Agents. Journal of Natural Products, 2013, 76, 1393-1398.	3.0	42
18	Cyclooxygenase inhibitory flavonoids from the stem bark ofSemecarpus anacardium Linn.. Phytotherapy Research, 2004, 18, 582-584.	5.8	40

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19	Synthesis and biological evaluation of arylidene analogues of Meldrumâ€™s acid as a new class of antimalarial and antioxidant agents. Bioorganic and Medicinal Chemistry, 2010, 18, 5626-5633.	3.0	37
20	Anti-inflammatory, cyclooxygenase (COX)-2, COX-1 inhibitory and antioxidant effects of Dysophylla stellata Benth.. FÃ¬toterapÃ¬Ã¢, 2010, 81, 45-49.	2.2	36
21	Pyrazoleâ€“coumarin and pyrazoleâ€“quinoline chalcones as potential antitubercular agents. Archiv Der Pharmazie, 2020, 353, e2000077.	4.1	36
22	Natural Anti-inflammatory Compounds as Drug Candidates in Alzheimerâ€™s Disease. Current Medicinal Chemistry, 2021, 28, 4799-4825.	2.4	35
23	A new cyclooxygenase (COX) inhibitory pterocarpan from Indigofera aspalathoides: structure elucidation and determination of binding orientations in the active sites of the enzyme by molecular docking. Tetrahedron Letters, 2004, 45, 4311-4314.	1.4	34
24	Phenylpropanoids of Alpinia galanga as efflux pump inhibitors in Mycobacterium smegmatis mc2 155. FÃ¬toterapÃ¬Ã¢, 2012, 83, 1248-1255.	2.2	34
25	Simultaneous determination of naphthalene and anthraquinone derivatives in Rumex nepalensis Spreng. Roots by HPLC: comparison of different extraction methods and validation. Phytochemical Analysis, 2011, 22, 153-157.	2.4	30
26	7-Hydroxy-(E)-3-phenylmethylene-chroman-4-one analogues as efflux pump inhibitors against Mycobacterium smegmatis mc2 155. European Journal of Medicinal Chemistry, 2013, 66, 499-507.	5.5	29
27	Efflux pump inhibitory activity of flavonoids isolated from Alpinia calcarata against methicillin-resistant Staphylococcus aureus. Biologia (Poland), 2016, 71, 484-493.	1.5	27
28	2,5-Diaryl-1,3,4-oxadiazoles as selective COX-2 inhibitors and anti-inflammatory agents. RSC Advances, 2015, 5, 45535-45544.	3.6	26
29	Pyrazolylbenzyltriazoles as cyclooxygenase inhibitors: synthesis and biological evaluation as dual anti-inflammatory and antimicrobial agents. New Journal of Chemistry, 2014, 38, 3662.	2.8	24
30	Synthesis, biological evaluation and docking analysis of 3-methyl-1-phenylchromeno[4,3- c]pyrazol-4(1) Tj ETQq0 0 0 rgBT /Overlock 10 2014, 24, 4638-4642.	2.2	20
31	Chemistry and biology of microsomal prostaglandin E₂ synthase-1 (mPGES-1) inhibitors as novel anti-inflammatory agents: recent developments and current status. RSC Advances, 2016, 6, 28343-28369.	3.6	15
32	2â€²-Hydroxy flavanone derivatives as an inhibitors of pro-inflammatory mediators: Experimental and molecular docking studies. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1952-1955.	2.2	14
33	Synthesis of carbohydrazides and carboxamides as anti-tubercular agents. European Journal of Medicinal Chemistry, 2018, 156, 871-884.	5.5	14
34	Origanum vulgare L.: In vitro Assessment of Cytotoxicity, Molecular Docking Studies, Antioxidant and Anti-inflammatory Activity in LPS Stimulated RAW 264.7 Cells. Medicinal Chemistry, 2021, 17, 983-993.	1.5	14
35	Synthesis and biological evaluation of dihydroquinoline carboxamide derivatives as anti-tubercular agents. European Journal of Medicinal Chemistry, 2018, 157, 1-13.	5.5	13
36	Pseudomonas koreensis Recovered From Raw Yak Milk Synthesizes a Î²-Carboline Derivative With Antimicrobial Properties. Frontiers in Microbiology, 2019, 10, 1728.	3.5	13

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37	PGE synthase inhibitors as an alternative to COX-2 inhibitors. Current Opinion in Investigational Drugs, 2007, 8, 411-5.	2.3	12
38	Design, Synthesis, Molecular Modelling, and Biological Evaluation of Oleanolic Acid-Arylidene Derivatives as Potential Anti-Inflammatory Agents. Drug Design, Development and Therapy, 2021, Volume 15, 385-397.	4.3	11
39	Antioxidant and antiproliferative activity of indigocarpan, a pterocarpan from Indigofera aspalathoides. Journal of Pharmacy and Pharmacology, 2016, 68, 1331-1339.	2.4	10
40	Synthesis and evaluation of S -4-(3-thienyl)phenyl-Î±-methylacetic acid. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 979-982.	2.2	9
41	MsrA Efflux Pump Inhibitory Activity of Piper cubeba L.f. and its Phytoconstituents against Staphylococcus aureus RN4220. Chemistry and Biodiversity, 2020, 17, e2000144.	2.1	8
42	Analysis of homoisoflavonoids in Caesalpinia digyna by HPLC-ESI-MS, HPLC and method validation. Natural Product Communications, 2012, 7, 1189-92.	0.5	7
43	Analysis of Flavonoids and Iridoids in Vitex Negundo by HPLC-PDA and Method Validation. Natural Product Communications, 2013, 8, 1934578X1300800.	0.5	4
44	2-Acetoxyverecynarmin C, a New Briarane COX Inhibitory Diterpenoid from Pennatula aculeata. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	4
45	Synthesis, biological evaluation and computational studies of acrylohydrazide derivatives as potential Staphylococcus aureus NorA efflux pump inhibitors. Bioorganic Chemistry, 2020, 104, 104225.	4.1	4
46	Analysis of Homoisoflavonoids in Caesalpinia digyna by HPLC-ESI-MS, HPLC and Method Validation. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	3
47	Determination of chromones in Dysophylla stellata by HPLC: method development, validation and comparison of different extraction methods. Natural Product Communications, 2010, 5, 555-8.	0.5	3
48	Determination of Chromones in Dysophylla stellata by HPLC: Method Development, Validation and Comparison of Different Extraction Methods. Natural Product Communications, 2010, 5, 1934578X1000500.	0.5	2
49	Design, Synthesis, Biological Evaluation and Molecular Docking of Curcumin Analogues as Antioxidant, Cyclooxygenase Inhibitory and Antiinflammatory Agents.. ChemInform, 2005, 36, no.	0.0	1
50	A novel synthetic approach towards pyrazole-4-carboxamides using N-(3-(dimethylamino)-2-formylacryloyl)formamide. Monatshefte FÃ¼r Chemie, 2010, 141, 569-576.	1.8	1
51	Synthesis and Evaluation of S-4-(3-Thienyl)phenyl-Î±-methylacetic Acid.. ChemInform, 2004, 35, no.	0.0	0
52	Ethnopharmacology and Phytochemistry of Selected Species of Boerhavia Occurring in India: A Review. Current Traditional Medicine, 2022, 08, .	0.4	0