

Sanjay M Jachak

List of Publications by Year in descending order

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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	Ethnopharmacology and Phytochemistry of Selected Species of Boerhavia Occurring in India: A Review. <i>Current Traditional Medicine</i> , 2022, 08, .	0.4	0
2	Design, Synthesis, Molecular Modelling, and Biological Evaluation of Oleanolic Acid-Arylidene Derivatives as Potential Anti-Inflammatory Agents. <i>Drug Design, Development and Therapy</i> , 2021, Volume 15, 385-397.	4.3	11
3	Natural Anti-inflammatory Compounds as Drug Candidates in Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2021, 28, 4799-4825.	2.4	35
4	Origanum vulgare L.: In vitro Assessment of Cytotoxicity, Molecular Docking Studies, Antioxidant and Anti-inflammatory Activity in LPS Stimulated RAW 264.7 Cells. <i>Medicinal Chemistry</i> , 2021, 17, 983-993.	1.5	14
5	Synthesis, biological evaluation and computational studies of acrylohydrazide derivatives as potential Staphylococcus aureus NorA efflux pump inhibitors. <i>Bioorganic Chemistry</i> , 2020, 104, 104225.	4.1	4
6	Pyrazole-coumarin and pyrazole-quinoline chalcones as potential antitubercular agents. <i>Archiv Der Pharmazie</i> , 2020, 353, e2000077.	4.1	36
7	MsrA Efflux Pump Inhibitory Activity of <i>Piper cubeba</i> L.f. and its Phytoconstituents against <i>Staphylococcus aureus</i> RN4220. <i>Chemistry and Biodiversity</i> , 2020, 17, e2000144.	2.1	8
8	<i>Pseudomonas koreensis</i> Recovered From Raw Yak Milk Synthesizes a β -Carboline Derivative With Antimicrobial Properties. <i>Frontiers in Microbiology</i> , 2019, 10, 1728.	3.5	13
9	Synthesis and biological evaluation of dihydroquinoline carboxamide derivatives as anti-tubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 157, 1-13.	5.5	13
10	Synthesis of carbohydrazides and carboxamides as anti-tubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 871-884.	5.5	14
11	Antioxidant and antiproliferative activity of indigocarpan, a pterocarpan from <i>Indigofera aspalathoides</i> . <i>Journal of Pharmacy and Pharmacology</i> , 2016, 68, 1331-1339.	2.4	10
12	Efflux pump inhibitory activity of flavonoids isolated from <i>Alpinia calcarata</i> against methicillin-resistant <i>Staphylococcus aureus</i> . <i>Biologia (Poland)</i> , 2016, 71, 484-493.	1.5	27
13	Chemistry and biology of microsomal prostaglandin E ₂ synthase-1 (mPGES-1) inhibitors as novel anti-inflammatory agents: recent developments and current status. <i>RSC Advances</i> , 2016, 6, 28343-28369.	3.6	15
14	Coumarins as privileged scaffold for anti-inflammatory drug development. <i>RSC Advances</i> , 2015, 5, 38892-38905.	3.6	155
15	β -Hydroxy flavanone derivatives as an inhibitors of pro-inflammatory mediators: Experimental and molecular docking studies. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1952-1955.	2.2	14
16	2,5-Diaryl-1,3,4-oxadiazoles as selective COX-2 inhibitors and anti-inflammatory agents. <i>RSC Advances</i> , 2015, 5, 45535-45544.	3.6	26
17	Phytochemical, Therapeutic, and Ethnopharmacological Overview for a Traditionally Important Herb: <i>Boerhavia diffusa</i> Linn.. <i>BioMed Research International</i> , 2014, 2014, 1-19.	1.9	104
18	2-Acetoxyverecynarmin C, a New Briarane COX Inhibitory Diterpenoid from <i>Pennatula aculeata</i> . <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	4

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19	Synthesis, biological evaluation, molecular docking and theoretical evaluation of ADMET properties of nepodin and chrysophanol derivatives as potential cyclooxygenase (COX-1, COX-2) inhibitors. <i>European Journal of Medicinal Chemistry</i> , 2014, 80, 47-56.	5.5	44
20	Pyrazolylbenzyltriazoles as cyclooxygenase inhibitors: synthesis and biological evaluation as dual anti-inflammatory and antimicrobial agents. <i>New Journal of Chemistry</i> , 2014, 38, 3662.	2.8	24
21	Recent developments in chemistry and biology of curcumin analogues. <i>RSC Advances</i> , 2014, 4, 13946.	3.6	90
22	Synthesis, biological evaluation and docking analysis of 3-methyl-1-phenylchromeno[4,3-c]pyrazol-4(1H)-one derivatives. <i>Journal of Medicinal Chemistry</i> , 2014, 24, 4638-4642.	2.2	20
23	Rotenoids from <i>Boerhaavia diffusa</i> as Potential Anti-inflammatory Agents. <i>Journal of Natural Products</i> , 2013, 76, 1393-1398.	3.0	42
24	Synthesis of novel celecoxib analogues by bioisosteric replacement of sulfonamide as potent anti-inflammatory agents and cyclooxygenase inhibitors. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 4581-4590.	3.0	61
25	NorA efflux pump inhibitory activity of coumarins from <i>Mesua ferrea</i> . <i>Phytochemistry</i> , 2013, 90, 140-150.	2.2	79
26	7-Hydroxy-(E)-3-phenylmethylene-chroman-4-one analogues as efflux pump inhibitors against <i>Mycobacterium smegmatis</i> mc2 155. <i>European Journal of Medicinal Chemistry</i> , 2013, 66, 499-507.	5.5	29
27	Analysis of Flavonoids and Iridoids in <i>Vitex Negundo</i> by HPLC-PDA and Method Validation. <i>Natural Product Communications</i> , 2013, 8, 1934578X1300800.	0.5	4
28	Antiarthritic effects of <i>Ajuga bracteosa</i> Wall ex Benth. in acute and chronic models of arthritis in albino rats. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2012, 2, 185-188.	1.2	45
29	Phenylpropanoids of <i>Alpinia galanga</i> as efflux pump inhibitors in <i>Mycobacterium smegmatis</i> mc2 155. <i>Phytochemistry</i> , 2012, 83, 1248-1255.	2.2	34
30	Analysis of Homoisoflavonoids in <i>Caesalpinia digyna</i> by HPLC-ESI-MS, HPLC and Method Validation. <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	3
31	Analysis of homoisoflavonoids in <i>Caesalpinia digyna</i> by HPLC-ESI-MS, HPLC and method validation. <i>Natural Product Communications</i> , 2012, 7, 1189-92.	0.5	7
32	Anti-inflammatory effect of <i>Ajuga bracteosa</i> Wall Ex Benth. mediated through cyclooxygenase (COX) inhibition. <i>Journal of Ethnopharmacology</i> , 2011, 133, 928-930.	4.1	70
33	Anti-inflammatory, cyclooxygenase inhibitory and antioxidant activities of standardized extracts of <i>Tridax procumbens</i> L. <i>Phytochemistry</i> , 2011, 82, 173-177.	2.2	59
34	Simultaneous determination of naphthalene and anthraquinone derivatives in <i>Rumex nepalensis</i> Spreng. Roots by HPLC: comparison of different extraction methods and validation. <i>Phytochemical Analysis</i> , 2011, 22, 153-157.	2.4	30
35	Synthesis, biological evaluation and molecular docking studies of stellatin derivatives as cyclooxygenase (COX-1, COX-2) inhibitors and anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 1612-1616.	2.2	60
36	A novel synthetic approach towards pyrazole-4-carboxamides using N-(3-(dimethylamino)-2-formylacryloyl)formamide. <i>Monatshfte für Chemie</i> , 2010, 141, 569-576.	1.8	1

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37	Anti-inflammatory, cyclooxygenase (COX)-2, COX-1 inhibitory and antioxidant effects of <i>Dysophylla stellata</i> Benth.. <i>FÄ-toterapÄ-Äç</i> , 2010, 81, 45-49.	2.2	36
38	Synthesis and biological evaluation of arylidene analogues of Meldrumâ€™s acid as a new class of antimalarial and antioxidant agents. <i>Bioorganic and Medicinal Chemistry</i> , 2010, 18, 5626-5633.	3.0	37
39	Determination of Chromones in <i>Dysophylla stellata</i> by HPLC: Method Development, Validation and Comparison of Different Extraction Methods. <i>Natural Product Communications</i> , 2010, 5, 1934578X1000500.	0.5	2
40	Anti-inflammatory, Cyclooxygenase (COX)-2, COX-1 Inhibitory, and Free Radical Scavenging Effects of <i>Rumex nepalensis</i> . <i>Planta Medica</i> , 2010, 76, 1564-1569.	1.3	52
41	Determination of chromones in <i>Dysophylla stellata</i> by HPLC: method development, validation and comparison of different extraction methods. <i>Natural Product Communications</i> , 2010, 5, 555-8.	0.5	3
42	Recent developments in anti-inflammatory natural products. <i>Medicinal Research Reviews</i> , 2009, 29, 767-820.	10.5	375
43	Indian medicinal plants as a source of antimycobacterial agents. <i>Journal of Ethnopharmacology</i> , 2007, 110, 200-234.	4.1	227
44	PGE synthase inhibitors as an alternative to COX-2 inhibitors. <i>Current Opinion in Investigational Drugs</i> , 2007, 8, 411-5.	2.3	12
45	Cyclooxygenase Inhibitory Natural Products: Current Status. <i>Current Medicinal Chemistry</i> , 2006, 13, 659-678.	2.4	79
46	Design, synthesis, biological evaluation and molecular docking of curcumin analogues as antioxidant, cyclooxygenase inhibitory and anti-inflammatory agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1793-1797.	2.2	273
47	Design, Synthesis, Biological Evaluation and Molecular Docking of Curcumin Analogues as Antioxidant, Cyclooxygenase Inhibitory and Antiinflammatory Agents.. <i>ChemInform</i> , 2005, 36, no.	0.0	1
48	Synthesis and evaluation of S-4-(3-thienyl)phenyl-Î±-methylacetic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004, 14, 979-982.	2.2	9
49	Cyclooxygenase inhibitory flavonoids from the stem bark of <i>Semecarpus anacardium</i> Linn.. <i>Phytotherapy Research</i> , 2004, 18, 582-584.	5.8	40
50	Synthesis and Evaluation of S-4-(3-Thienyl)phenyl-Î±-methylacetic Acid.. <i>ChemInform</i> , 2004, 35, no.	0.0	0
51	A new cyclooxygenase (COX) inhibitory pterocarpan from <i>Indigofera aspalathoides</i> : structure elucidation and determination of binding orientations in the active sites of the enzyme by molecular docking. <i>Tetrahedron Letters</i> , 2004, 45, 4311-4314.	1.4	34
52	A cyclooxygenase (COX) inhibitory biflavonoid from the seeds of <i>Semecarpus anacardium</i> . <i>Journal of Ethnopharmacology</i> , 2004, 95, 209-212.	4.1	69