

# Arvind Singh Negi

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

849  
citations

623734

14  
h-index

677142

22  
g-index

26  
all docs

26  
docs citations

26  
times ranked

1280  
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant-based anticancer molecules: A chemical and biological profile of some important leads. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 5892-5908.	3.0	312
2	Pharmacophore modeling, molecular docking, QSAR, and in silico ADMET studies of gallic acid derivatives for immunomodulatory activity. <i>Journal of Molecular Modeling</i> , 2012, 18, 2513-2525.	1.8	64
3	<i>Agrobacterium rhizogenes</i> -mediated transformation of <i>Picrorhiza kurroa</i> Royle ex Benth.: establishment and selection of superior hairy root clone. <i>Plant Biotechnology Reports</i> , 2007, 1, 169-174.	1.5	56
4	A bioactive labdane diterpenoid from <i>Curcuma amada</i> and its semisynthetic analogues as antitubercular agents. <i>European Journal of Medicinal Chemistry</i> , 2010, 45, 4379-4382.	5.5	53
5	A Promising Anticancer and Antimalarial Component from the Leaves of <i>Bidens pilosa</i> . <i>Planta Medica</i> , 2009, 75, 59-61.	1.3	51
6	Syntheses of lipophilic chalcones and their conformationally restricted analogues as antitubercular agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2013, 23, 1322-1325.	2.2	47
7	Synthesis of thymol-based pyrazolines: An effort to perceive novel potent-antimalarials. <i>Bioorganic Chemistry</i> , 2019, 88, 102933.	4.1	32
8	Synthesis of a novel plant growth promoter from gallic acid. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2005, 15, 1243-1247.	2.2	30
9	QSAR and docking studies on chalcone derivatives for antitubercular activity against <i>M. tuberculosis</i> H <sub>37</sub> Rv. <i>Journal of Chemometrics</i> , 2014, 28, 499-507.	1.3	29
10	Gallic acid-based indanone derivative interacts synergistically with tetracycline by inhibiting efflux pump in multidrug resistant <i>E. coli</i> . <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2311-2325.	3.6	27
11	Yield enhancement strategies for the production of picroliv from hairy root culture of <i>Picrorhiza kurroa</i> Royle ex Benth.. <i>Plant Signaling and Behavior</i> , 2015, 10, e1023976.	2.4	26
12	<i>Atropa belladonna</i> Hairy Roots: Orchestration of Concurrent Oxidation and Reduction Reactions for Biotransformation of Carbonyl Compounds. <i>Applied Biochemistry and Biotechnology</i> , 2012, 166, 1401-1408.	2.9	18
13	Isolation, structure determination, and antiaging effects of 2,3-pentanediol from endophytic fungus of <i>Curcuma amada</i> and docking studies. <i>Protoplasma</i> , 2014, 251, 1089-1098.	2.1	17
14	Design and Synthesis of C-Ring Lactone- and Lactam-Based Podophyllotoxin Analogues as Anticancer Agents. <i>Chemical and Pharmaceutical Bulletin</i> , 2010, 58, 242-246.	1.3	15
15	Antihypertensive Effect of a Novel Angiotensin II Receptor Blocker Fluorophenyl Benzimidazole: Contribution of cGMP, Voltage-dependent Calcium Channels, and BKCa Channels to Vasorelaxant Mechanisms. <i>Frontiers in Pharmacology</i> , 2021, 12, 611109.	3.5	15
16	HPLC method development and validation of cytotoxic agent phenylacetylcholine in <i>Bidens pilosa</i> with ultrasonic-assisted cloud point extraction and preconcentration. <i>Biomedical Chromatography</i> , 2011, 25, 697-706.	1.7	14
17	A new synthetic biology approach for the production of curcumin and its glucoside in <i>Atropa belladonna</i> hairy roots. <i>Journal of Biotechnology</i> , 2021, 328, 23-33.	3.8	12
18	2-Benzylawsone protects against polymicrobial sepsis and vascular hyporeactivity in swiss albino mice. <i>European Journal of Pharmacology</i> , 2022, 917, 174757.	3.5	12

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19	Anti-inflammatory, anti-oxidant and cardio-protective properties of novel fluorophenyl benzimidazole in L-NAME-induced hypertensive rats. <i>European Journal of Pharmacology</i> , 2022, 929, 175132.	3.5	7
20	Harnessing the versatility of diverse pentacyclic triterpenoid synthesis through hairy root cultures of various <i>Ocimum</i> species: An unprecedented account with molecular probing and up-scaling access. <i>Industrial Crops and Products</i> , 2022, 177, 114465.	5.2	6
21	Design, synthesis and drug resistance reversal potential of novel curcumin mimics Van D. <i>Bioorganic Chemistry</i> , 2021, 106, 104454.	4.1	3
22	Synthesis, Molecular Docking, and 2D-QSAR Modeling of Quinoxaline Derivatives as Potent Anticancer Agents against Triple-negative Breast Cancer. <i>Current Topics in Medicinal Chemistry</i> , 2022, 22, 855-867.	2.1	2
23	Anti-Breast Cancer Terpenoids of Natural Origins. , 2021, , 29-68.		1
24	Synthesis of a Novel Plant Growth Promoter from Gallic Acid.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
25	Plant-Based Anticancer Molecules: A Chemical and Biological Profile of Some Important Leads. <i>ChemInform</i> , 2006, 37, no.	0.0	0