Sushil K Singh

List of Publications by Year
in descending order

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85	2,256	236833	254106
papers	citations	25	43
		h-index	g-index

86	86	86	3310
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Improved machine learning scoring functions for identification of Electrophorus electricusâ€™s acetylcholinesterase inhibitors. Molecular Diversity, 2022, 26, 1455-1479.	2.1	5
2	Development of homology model, docking protocol and Machine-Learning based scoring functions for identification of Equus caballusâ€™s butyrylcholinesterase inhibitors. Journal of Biomolecular Structure and Dynamics, 2022, 40, 13693-13710.	2.0	3
3	Identification of sulfonamide based butyrylcholinesterase inhibitors through scaffold hopping approach. International Journal of Biological Macromolecules, 2022, 203, 195-211.	3.6	8
4	Generation of wild-type rat Glucocerebrosidase homology modeling: Identification of putative interactions site and mechanism for chaperone using combined in-silico and in-vitro studies. Bioorganic Chemistry, 2022, 126, 105871.	2.0	1
5	Identification of sulfonamide-based butyrylcholinesterase inhibitors using machine learning. Future Medicinal Chemistry, 2022, 14, 1049-1070.	1.1	2
6	Near-Infrared Fluorescent Probes as Imaging and Theranostic Modalities for Amyloid-Beta and Tau Aggregates in Alzheimerâ€™s Disease. Journal of Medicinal Chemistry, 2022, 65, 8550-8595.	2.9	29
7	Indole: A promising scaffold for the discovery and development of potential anti-tubercular agents. Current Research in Pharmacology and Drug Discovery, 2022, 3, 100119.	1.7	9
8	Molecular Processes Involved in Pancreatic Cancer and Therapeutics. Current Chemical Biology, 2021, 15, 85-108.	0.2	0
9	The scientific community in COVID-19 global pandemic: A systematic update on recent progress and challenges. European Journal of Chemistry, 2021, 12, 222-234.	0.3	0
10	Classification of betaâ€site amyloid precursor protein cleaving enzyme 1 inhibitors by using machine learning methods. Chemical Biology and Drug Design, 2021, 98, 1079-1097.	1.5	8
11	A systematic review ofÂcarbohydrate-based bioactive molecules for Alzheimerâ€™s disease. Future Medicinal Chemistry, 2021, 13, 1695-1711.	1.1	7
12	Identifying potential GluN2B subunit containing N-Methyl-D-aspartate receptor inhibitors: an integrative in silico and molecular modeling approach. Journal of Biomolecular Structure and Dynamics, 2020, 38, 2533-2545.	2.0	20
13	Identification of human tau-tubulin kinase 1 inhibitors: an integrated e-pharmacophore-based virtual screening and molecular dynamics simulation. Journal of Biomolecular Structure and Dynamics, 2020, 38, 886-900.	2.0	9
14	Benzothiazole derivative bearing amide moiety induces p53-mediated apoptosis in HPV16 positive cervical cancer cells. Investigational New Drugs, 2020, 38, 934-945.	1.2	6
15	Structure-based screening and molecular dynamics simulation studies for the identification of potential acetylcholinesterase inhibitors. Molecular Simulation, 2020, 46, 169-185.	0.9	25
16	Rational approaches of drug design for the development of selective estrogen receptor modulators (SERMs), implicated in breast cancer. Bioorganic Chemistry, 2020, 94, 103380.	2.0	20
17	Computational binding study with Î±7 nicotinic acetylcholine receptor of Anvylic-3288: an allosteric modulator. Molecular Simulation, 2020, 46, 975-986.	0.9	8
18			

#	Article	IF	Citations
19	Aspartic proteases: Potential drug targets for anticancer drug development. , 2020, , 121-163.		0
20	Recent Studies on Aromatase and Sulfatase Involved in Breast Cancer and their Inhibitors. Current Enzyme Inhibition, 2020, 16, 20-44.	0.3	3
21	Anthraquinone: a promising scaffold for the discovery and development of therapeutic agents in cancer therapy. Future Medicinal Chemistry, 2020, 12, 1037-1069.	1.1	40
22	Discovery of novel series of 2-substituted benzo[d]oxazol-5-amine derivatives as multi-target directed ligands for the treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2019, 182, 111613.	2.6	23
23	Development of pyrazole and spiropyrazoline analogs as multifunctional agents for treatment of Alzheimerâ€™s disease. Bioorganic Chemistry, 2019, 90, 103080.	2.0	30
24	Estrogen signaling: An emanating therapeutic target for breast cancer treatment. European Journal of Medicinal Chemistry, 2019, 177, 116-143.	2.6	82
25	Perspectives of medicinally privileged chalcone based metal coordination compounds for biomedical applications. European Journal of Medicinal Chemistry, 2019, 174, 142-158.	2.6	71
26	Multifunctional hybrid sulfonamides as novel therapeutic agents for Alzheimerâ€™s disease. Future Medicinal Chemistry, 2019, 11, 3161-3178.	1.1	25
27	RNA-Dependent RNA Polymerases and Their Emerging Roles in Antiviral Therapy. , 2019, , 1-42.		10
28	Biological profiling of piperazinediones for the management of anxiety. Pharmacology Biochemistry and Behavior, 2019, 176, 63-71.	1.3	9
29	Naphthalene, a versatile platform in medicinal chemistry: Sky-high perspective. European Journal of Medicinal Chemistry, 2019, 161, 252-276.	2.6	110
30	Identification of selective MMP-9 inhibitors through multiple e-pharmacophore, ligand-based pharmacophore, molecular docking, and density functional theory approaches. Journal of Biomolecular Structure and Dynamics, 2019, 37, 944-965.	2.0	34
31	Latent Tuberculosis Infection (LTBI) and Its Potential Targets: An Investigation into Dormant Phase Pathogens. Mini-Reviews in Medicinal Chemistry, 2019, 19, 1627-1642.	1.1	9
32	Protein-Protein Interactions and Aggregation Inhibitors in Alzheimerâ€™s Disease. Current Topics in Medicinal Chemistry, 2019, 19, 501-533.	1.0	21
33	Design, Synthesis and Biological Evaluation of Carbazole Derivatives as Antitubercular and Antibacterial Agents. Current Bioactive Compounds, 2019, 15, 83-97.	0.2	0
34	Development of Piperazinediones as dual inhibitor for treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 150, 87-101.	2.6	55
35	Biomolecular basis of matrix metallo proteinase-9 activity. Future Medicinal Chemistry, 2018, 10, 1093-1112.	1.1	19
36	Secretase inhibitors for the treatment of Alzheimer's disease: Long road ahead. European Journal of Medicinal Chemistry, 2018, 148, 436-452.	2.6	121

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37	Design, synthesis and collagenase inhibitory activity of some novel phenylglycine derivatives as metalloproteinase inhibitors. International Journal of Biological Macromolecules, 2018, 107, 1491-1500.	3.6	17
38	Design, synthesis, characterization, and molecular modeling studies of novel oxadiazole derivatives of nipecotic acid as potential anticonvulsant and antidepressant agents. Medicinal Chemistry Research, 2018, 27, 137-152.	1.1	12
39	Multiple 3D-QSAR modeling, e-pharmacophore, molecular docking, and in vitro study to explore novel AChE inhibitors. RSC Advances, 2018, 8, 39477-39495.	1.7	36
40	Design, Synthesis and Biological Profiling of Novel Phenothiazine Derivatives as Potent Antitubercular Agents. Anti-Infective Agents, 2018, 17, 50-65.	0.1	3
41	Preliminary Studies on Ligand-based Design and Evaluation of New Mycobacterial ATP Synthase Inhibitors. Current Drug Therapy, 2018, 13, 56-73.	0.2	5
42	Strategies for the Synthesis of Hydroxamic Acids. Current Organic Synthesis, 2018, 15, 154-165.	0.7	14
43	Phenothiazine: A Better Scaffold against Tuberculosis. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1442-1451.	1.1	13
44	Carbazole: A Potent Scaffold for Antitubercular Drugs. Mini-Reviews in Organic Chemistry, 2018, 15, 498-507.	0.6	17
45	Type-II NADH Dehydrogenase (NDH-2): a promising therapeutic target for antitubercular and antibacterial drug discovery. Expert Opinion on Therapeutic Targets, 2017, 21, 559-570.	1.5	26
46	Î±-Synuclein aggregation modulation: an emerging approach for the treatment of Parkinson's disease. Future Medicinal Chemistry, 2017, 9, 1039-1053.	1.1	38
47	Benzothiazole derivatives bearing amide moiety. Anti-Cancer Drugs, 2016, 27, 519-532.	0.7	16
48	Design, synthesis and mode of action of novel 2-(4-aminophenyl)benzothiazole derivatives bearing semicarbazone and thiosemicarbazone moiety as potent antimicrobial agents. Medicinal Chemistry Research, 2016, 25, 263-282.	1.1	21
49	Design, Synthesis and Mode of Action of Some New 2-(4';-aminophenyl) benzothiazole Derivatives as Potent Antimicrobial Agents. Letters in Drug Design and Discovery, 2016, 13, 429-437.	0.4	11
50	Design and Synthesis of Novel Schiff Base-Benzothiazole Hybrids as Potential Epidermal Growth Factor Receptor (EGFR) Inhibitors. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 722-739.	0.9	11
51	Assessment ofin vitroantipsoriatic activity of selected Indian medicinal plants. Pharmaceutical Biology, 2015, 53, 1295-1301.	1.3	9
52	Benzothiazoles: How Relevant in Cancer Drug Design Strategy?. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 127-146.	0.9	51
53	Design, synthesis and biological evaluation of some novel benzylidene-2-(4-phenylthiazol-2-yl) hydrazines as potential anti-inflammatory agents. Medicinal Chemistry Research, 2014, 23, 1004-1015.	1.1	14
54	Design, synthesis and mode of action of some benzothiazole derivatives bearing an amide moiety as antibacterial agents. RSC Advances, 2014, 4, 19013-19023.	1.7	93

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55	Synthesis, Molecular Docking and In Vitro Antimicrobial Studies of Novel Pyrazole Analogues of Curcumin. Letters in Drug Design and Discovery, 2014, 11, 474-483.	0.4	2
56	Antibacterial activity of novel 2-(substituted sulfonamido) benzoic acid derivatives. Journal of Pharmacy Research, 2013, 7, 525-528.	0.4	2
57	In-vitro scolicidal activity of Mallotus philippinensis (Lam.) Muell Arg. fruit glandular hair extract against hydatid cyst Echinococcus granulosus. Asian Pacific Journal of Tropical Medicine, 2013, 6, 595-601.	0.4	23
58	Sulphonamides: Deserving class as MMP inhibitors?. European Journal of Medicinal Chemistry, 2013, 60, 89-100.	2.6	58
59	Chalcone and Curcumin Derivatives: A Way Ahead for Malarial Treatment. Mini-Reviews in Medicinal Chemistry, 2013, 13, 2116-2133.	1.1	23
60	CoMFA and CoMSIA 3D QSAR Models for a Series of Some Condensed Thieno[2,3-d]pyrimidin-4(3H)-ones with Antihistaminic (H1) Activity. Medicinal Chemistry, 2013, 9, 389-401.	0.7	2
61	Antioxidant and hepatoprotective effects of ethanol extract ofVitex glabrataon carbon tetrachloride-induced liver damage in rats. Natural Product Research, 2012, 26, 1135-1140.	1.0	17
62	Curcumin: a potential candidate for matrix metalloproteinase inhibitors. Expert Opinion on Therapeutic Targets, 2012, 16, 959-972.	1.5	62
63	Effect of standardized extract ofMarsilea minutaon learning and memory performance in rat amnesic models. Pharmaceutical Biology, 2012, 50, 766-772.	1.3	7
64	A NOVEL QSAR MODEL FOR EVALUATING AND PREDICTING THE INHIBITION ACTIVITY OF H1-RECEPTOR ANTAGONISTS: A SERIES OF THIENOPYRIMIDINE DERIVATIVES. Journal of Drug Delivery and Therapeutics, 2012, 2, .	0.2	1
65	Phytochemical analysis, antioxidant and anti-inflammatory activities of Phyllanthus simplex. Journal of Ethnopharmacology, 2011, 137, 1337-1344.	2.0	27
66	Status of research on MMPs in India. Expert Opinion on Therapeutic Targets, 2011, 15, 715-728.	1.5	6
67	Synthesis, characterization, DNA cleavage and in vitro antimicrobial activities of copper(II) complexes of Schiff bases containing a 2,4-disubstituted thiazole. Transition Metal Chemistry, 2010, 35, 917-925.	0.7	32
68	Synthesis, anti-bacterial and anti-fungal activities of some novel Schiff bases containing 2,4-disubstituted thiazole ring. European Journal of Medicinal Chemistry, 2010, 45, 651-660.	2.6	302
69	Antidiabetic and antioxidant effect of various fractions of Phyllanthus simplex in alloxan diabetic rats. Journal of Ethnopharmacology, 2009, 124, 34-38.	2.0	35
70	Antidepressant activity of standardised extract of Marsilea minuta Linn.. Journal of Ethnopharmacology, 2008, 117, 51-57.	2.0	38
71	Hepatoprotective Effect of Crude Extract and Isolated Lignans ofJusticia simplex. Against CCl₄-Induced Hepatotoxicity. Pharmaceutical Biology, 2007, 45, 274-277.	1.3	9
72	The core structure of shilajit humus. Soil Biology and Biochemistry, 1991, 23, 673-680.	4.2	26

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73	Synthesis and anti-inflammatory and analgesic activities of 2,4-di-n-butyl-3,5-diarylimino-1,2,4-thiadiazolidines. Archives of Pharmacal Research, 1991, 14, 78-80.	2.7	4
74	The need for formulation of Shilajit by its isolated active constituents. Phytotherapy Research, 1991, 5, 211-216.	2.8	45
75	Effects of stress on alkaloid metabolism in Crinum asiaticumâ˜†. Phytochemistry, 1990, 29, 805-811.	1.4	20
76	Free and glucosyloxy acetophenones from Pancratium biflorum. Phytochemistry, 1989, 28, 3193-3196.	1.4	17
77	Occurrence of two epimeric alkaloids and metabolism compared with lycorine in Crinum latifolium. Phytochemistry, 1989, 28, 2535-2537.	1.4	18
78	Mast cell protecting effects of shilajit and its constituents. Phytotherapy Research, 1989, 3, 249-252.	2.8	24
79	Anti-ulcerogenic activity of fulvic acids and 4â€²-methoxy-6-carbomethoxybiphenyl isolated from shilajit. Phytotherapy Research, 1988, 2, 187-191.	2.8	46
80	The Role of Ungeremine in the Growth-Inhibiting and Cytotoxic Effects of Lycorine: Evidence and Speculation*. Planta Medica, 1988, 54, 114-116.	0.7	34
81	Phosphatidylpyrrolophenanthridine alkaloids from Zephyranthes flava. Phytochemistry, 1987, 26, 823-828.	1.4	17
82	Alkaloids of zephyranthes flava. Phytochemistry, 1986, 25, 1975-1978.	1.4	31
83	Parasitism of imperata cylindrica on pancratium biflorum and the concomitant chemical changes in the host species. Phytochemistry, 1986, 25, 1097-1102.	1.4	28
84	Dichotosin and dichotosinin, two adaptogenic glucosyloxy flavans from Hoppea dichotoma. Phytochemistry, 1985, 24, 831-833.	1.4	15
85	Flavans from Zephyranthes flava. Phytochemistry, 1985, 24, 151-153.	1.4	34