Sushil K Singh

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7407337/publications.pdf

Version: 2024-02-01

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	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
2	Secretase inhibitors for the treatment of Alzheimer's disease: Long road ahead. European Journal of Medicinal Chemistry, 2018, 148, 436-452.	2.6	121
3	Naphthalene, a versatile platform in medicinal chemistry: Sky-high perspective. European Journal of Medicinal Chemistry, 2019, 161, 252-276.	2.6	110
4	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
5	Estrogen signaling: An emanating therapeutic target for breast cancer treatment. European Journal of Medicinal Chemistry, 2019, 177, 116-143.	2.6	82
6	Perspectives of medicinally privileged chalcone based metal coordination compounds for biomedical applications. European Journal of Medicinal Chemistry, 2019, 174, 142-158.	2.6	71
7	Curcumin: a potential candidate for matrix metalloproteinase inhibitors. Expert Opinion on Therapeutic Targets, 2012, 16, 959-972.	1.5	62
8	Sulphonamides: Deserving class as MMP inhibitors?. European Journal of Medicinal Chemistry, 2013, 60, 89-100.	2.6	58
9	Development of Piperazinediones as dual inhibitor for treatment of Alzheimer's disease. European Journal of Medicinal Chemistry, 2018, 150, 87-101.	2.6	55
10	Benzothiazoles: How Relevant in Cancer Drug Design Strategy?. Anti-Cancer Agents in Medicinal Chemistry, 2014, 14, 127-146.	0.9	51
11	Anti-ulcerogenic activity of fulvic acids and 4â€²-methoxy-6-carbomethoxybiphenyl isolated from shilajit. Phytotherapy Research, 1988, 2, 187-191.	2.8	46
12	The need for formulation of Shilajit by its isolated active constituents. Phytotherapy Research, 1991, 5, 211-216.	2.8	45
13	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
14	Antidepressant activity of standardised extract of Marsilea minuta Linn.. Journal of Ethnopharmacology, 2008, 117, 51-57.	2.0	38
15	Î±-Synuclein aggregation modulation: an emerging approach for the treatment of Parkinson's disease. Future Medicinal Chemistry, 2017, 9, 1039-1053.	1.1	38
16	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
17	Antidiabetic and antioxidant effect of various fractions of Phyllanthus simplex in alloxan diabetic rats. Journal of Ethnopharmacology, 2009, 124, 34-38.	2.0	35
18	Flavans from Zephyranthes flava. Phytochemistry, 1985, 24, 151-153.	1.4	34

#	Article	IF	Citations
19	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
20	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
21	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
22	Alkaloids of zephyranthes flava. Phytochemistry, 1986, 25, 1975-1978.	1.4	31
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	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
25	Parasitism of imperata cylindrica on pancratium biflorum and the concomitant chemical changes in the host species. Phytochemistry, 1986, 25, 1097-1102.	1.4	28
26	Phytochemical analysis, antioxidant and anti-inflammatory activities of Phyllanthus simplex. Journal of Ethnopharmacology, 2011, 137, 1337-1344.	2.0	27
27	The core structure of shilajit humus. Soil Biology and Biochemistry, 1991, 23, 673-680.	4.2	26
28	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
29	Multifunctional hybrid sulfonamides as novel therapeutic agents for Alzheimerâ€™s disease. Future Medicinal Chemistry, 2019, 11, 3161-3178.	1.1	25
30	Structure-based screening and molecular dynamics simulation studies for the identification of potential acetylcholinesterase inhibitors. Molecular Simulation, 2020, 46, 169-185.	0.9	25
31	Mast cell protecting effects of shilajit and its constituents. Phytotherapy Research, 1989, 3, 249-252.	2.8	24
32	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
33	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
34	Chalcone and Curcumin Derivatives: A Way Ahead for Malarial Treatment. Mini-Reviews in Medicinal Chemistry, 2013, 13, 2116-2133.	1.1	23
35			

#	Article	IF	Citations
37	Protein-Protein Interactions and Aggregation Inhibitors in Alzheimerâ€™s Disease. Current Topics in Medicinal Chemistry, 2019, 19, 501-533.	1.0	21
38	Effects of stress on alkaloid metabolism in Crinum asiaticumâ†. Phytochemistry, 1990, 29, 805-811.	1.4	20
39	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
40	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
41	Biomolecular basis of matrix metallo proteinase-9 activity. Future Medicinal Chemistry, 2018, 10, 1093-1112.	1.1	19
42	Occurrence of two epimeric alkaloids and metabolism compared with lycorine in Crinum latifolium. Phytochemistry, 1989, 28, 2535-2537.	1.4	18
43	Phosphatidylpyrrolophenanthridine alkaloids from Zephyranthes flava. Phytochemistry, 1987, 26, 823-828.	1.4	17
44	Free and glucosyloxy acetophenones from Pancratium biflorum. Phytochemistry, 1989, 28, 3193-3196.	1.4	17
45	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
46	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
47	Carbazole: A Potent Scaffold for Antitubercular Drugs. Mini-Reviews in Organic Chemistry, 2018, 15, 498-507.	0.6	17
48	Benzothiazole derivatives bearing amide moiety. Anti-Cancer Drugs, 2016, 27, 519-532.	0.7	16
49	Dichotosin and dichotosinin, two adaptogenic glucosyloxy flavans from Hoppea dichotoma. Phytochemistry, 1985, 24, 831-833.	1.4	15
50	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
51	Strategies for the Synthesis of Hydroxamic Acids. Current Organic Synthesis, 2018, 15, 154-165.	0.7	14
52	Phenothiazine: A Better Scaffold against Tuberculosis. Mini-Reviews in Medicinal Chemistry, 2018, 18, 1442-1451.	1.1	13
53	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
54	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

#	Article	IF	Citations
55	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
56	RNA-Dependent RNA Polymerases and Their Emerging Roles in Antiviral Therapy. , 2019, , 1-42.		10
57	Hepatoprotective Effect of Crude Extract and Isolated Lignans ofJusticia simplex. Against CCl₄-Induced Hepatotoxicity. Pharmaceutical Biology, 2007, 45, 274-277.	1.3	9
58	Assessment ofin vitroantipsoriatic activity of selected Indian medicinal plants. Pharmaceutical Biology, 2015, 53, 1295-1301.	1.3	9
59	Biological profiling of piperazinediones for the management of anxiety. Pharmacology Biochemistry and Behavior, 2019, 176, 63-71.	1.3	9
60	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
61	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
62	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
63	Computational binding study with Î±7 nicotinic acetylcholine receptor of Anvylic-3288: an allosteric modulator. Molecular Simulation, 2020, 46, 975-986.	0.9	8
64	Classification of betaâ€šite amyloid precursor protein cleaving enzyme 1 inhibitors by using machine learning methods. Chemical Biology and Drug Design, 2021, 98, 1079-1097.	1.5	8
65	Identification of sulfonamide based butyrylcholinesterase inhibitors through scaffold hopping approach. International Journal of Biological Macromolecules, 2022, 203, 195-211.	3.6	8
66	Effect of standardized extract ofMarsilea minutaon learning and memory performance in rat amnesic models. Pharmaceutical Biology, 2012, 50, 766-772.	1.3	7
67	A systematic review ofÂcarbohydrate-based bioactive molecules for Alzheimerâ€™s disease. Future Medicinal Chemistry, 2021, 13, 1695-1711.	1.1	7
68	Status of research on MMPs in India. Expert Opinion on Therapeutic Targets, 2011, 15, 715-728.	1.5	6
69	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
70	Preliminary Studies on Ligand-based Design and Evaluation of New Mycobacterial ATP Synthase Inhibitors. Current Drug Therapy, 2018, 13, 56-73.	0.2	5
71	Improved machine learning scoring functions for identification of Electrophorus electricusâ€™s acetylcholinesterase inhibitors. Molecular Diversity, 2022, 26, 1455-1479.	2.1	5
72	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

#	Article	IF	Citations
73	Design, Synthesis and Biological Profiling of Novel Phenothiazine Derivatives as Potent Antitubercular Agents. Anti-Infective Agents, 2018, 17, 50-65.	0.1	3
74	Recent Studies on Aromatase and Sulfatase Involved in Breast Cancer and their Inhibitors. Current Enzyme Inhibition, 2020, 16, 20-44.	0.3	3
75	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
76	Antibacterial activity of novel 2-(substituted sulfonamido) benzoic acid derivatives. Journal of Pharmacy Research, 2013, 7, 525-528.	0.4	2
77	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
78	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
79	Identification of sulfonamide-based butyrylcholinesterase inhibitors using machine learning. Future Medicinal Chemistry, 2022, 14, 1049-1070.	1.1	2
80	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
81	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
82	Aspartic proteases: Potential drug targets for anticancer drug development. , 2020, , 121-163.		0
83	Molecular Processes Involved in Pancreatic Cancer and Therapeutics. Current Chemical Biology, 2021, 15, 85-108.	0.2	0
84	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
85	Design, Synthesis and Biological Evaluation of Carbazole Derivatives as Antitubercular and Antibacterial Agents. Current Bioactive Compounds, 2019, 15, 83-97.	0.2	0