Sahil Sharma

List of Publications by Year
in descending order

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50 papers	2,270 citations	186265 28 h-index	214800 47 g-index
51 all docs	51 docs citations	51 times ranked	2958 citing authors

#	Article	IF	Citations
1	Donepezil-Inspired Multitargeting Indanone Derivatives as Effective Anti-Alzheimerâ€™s Agents. ACS Chemical Neuroscience, 2022, 13, 733-750.	3.5	9
2	Rational approaches for the design of various GABA modulators and their clinical progression. Molecular Diversity, 2021, 25, 551-601.	3.9	9
3	Tailored Quinolines Demonstrate Flexibility to Exert Antitumor Effects through Varied Mechanisms-A Medicinal Perspective. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, 288-315.	1.7	5
4	Pharmacologically controlling protein-protein interactions through epichaperomes for therapeutic vulnerability in cancer. Communications Biology, 2021, 4, 1333.	4.4	11
5	A Chemical Biology Approach to the Chaperome in Cancerâ€”HSP90 and Beyond. Cold Spring Harbor Perspectives in Biology, 2020, 12, a034116.	5.5	32
6	Thiazole-5-carboxylic acid derivatives as potent xanthine oxidase inhibitors: design, synthesis, in vitro evaluation, and molecular modeling studies. Medicinal Chemistry Research, 2020, 29, 83-93.	2.4	19
7	New coumarin-benzotriazole based hybrid molecules as inhibitors of acetylcholinesterase and amyloid aggregation. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127477.	2.2	51
8	Xanthine oxidase inhibitors: patent landscape and clinical development (2015â€“2020). Expert Opinion on Therapeutic Patents, 2020, 30, 769-780.	5.0	34
9	Bisubstrate-Type Chemical Probes Identify GRP94 as a Potential Target of Cytosine-Containing Adenosine Analogs. ACS Chemical Biology, 2020, 15, 952-961.	3.4	7
10	Molecular Stressors Engender Protein Connectivity Dysfunction through Aberrant N-Glycosylation of a Chaperone. Cell Reports, 2020, 31, 107840.	6.4	32
11	Chemical probes and methods for single-cell detection and quantification of epichaperomes in hematologic malignancies. Methods in Enzymology, 2020, 639, 289-311.	1.0	9
12	Monocarbonyl Curcumin-Based Molecular Hybrids as Potent Antibacterial Agents. ACS Omega, 2019, 4, 11673-11684.	3.5	63
13	Microwave-assisted synthesis of 11-substituted-3,3-dimethyl-2,3,4,5,10,11-hexahydrodibenzo[b,e][1,4]diazepin-1-one derivatives catalysed by silica supported fluoroboric acid as potent antioxidant and anxiolytic agents. Medicinal Chemistry Research, 2019, 28, 2200-2217.	2.4	3
14	Benzoflavone derivatives as potent antihyperuricemic agents. MedChemComm, 2019, 10, 128-147.	3.4	25
15	Rational approaches, design strategies, structure activity relationship and mechanistic insights for therapeutic coumarin hybrids. Bioorganic and Medicinal Chemistry, 2019, 27, 3477-3510.	3.0	83
16	Design, Synthesis, Antimicrobial Evaluation, and Molecular Modeling Studies of Novel Indolinedioneâ€“Coumarin Molecular Hybrids. ACS Omega, 2019, 4, 8720-8730.	3.5	77
17	Structures of Hsp90Î± and Hsp90Î² bound to a purineâ€scaffold inhibitor reveal an exploitable residue for drug selectivity. Proteins: Structure, Function and Bioinformatics, 2019, 87, 869-877.	2.6	11
18	Multi-Targeting Anticancer Agents: Rational Approaches, Synthetic Routes and Structure Activity Relationship. Anti-Cancer Agents in Medicinal Chemistry, 2019, 19, 842-874.	1.7	19

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19	Unanticipated Cleavage of 2-Nitrophenyl-Substituted N-Formyl Pyrazolines under Bechamp Conditions: Unveiling the Synthesis of 2-Aryl Quinolines and Their Mechanistic Exploration via DFT Studies. ACS Omega, 2018, 3, 18783-18790.	3.5	4
20	Adapting to stress â€" chaperome networks in cancer. Nature Reviews Cancer, 2018, 18, 562-575.	28.4	105
21	Rational Approaches, Design Strategies, Structure Activity Relationship and Mechanistic Insights for Esterase Inhibitors. Mini-Reviews in Medicinal Chemistry, 2018, 18, 837-894.	2.4	115
22	Benzoflavones as cholesterol esterase inhibitors: Synthesis, biological evaluation and docking studies. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 850-854.	2.2	12
23	Synthesis, screening and docking of fused pyrano[3,2- d]pyrimidine derivatives as xanthine oxidase inhibitor. European Journal of Medicinal Chemistry, 2017, 131, 14-28.	5.5	48
24	Copper mediated coupling of 2-(piperazine)-pyrimidine iodides with aryl thiols using Cu(I)thiophene-2-carboxylate. Tetrahedron Letters, 2017, 58, 4525-4531.	1.4	2
25	Triazole tethered isatin-coumarin based molecular hybrids as novel antitubulin agents: Design, synthesis, biological investigation and docking studies. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 3974-3979.	2.2	96
26	An updated patent review: xanthine oxidase inhibitors for the treatment of hyperuricemia and gout (2011-2015). Expert Opinion on Therapeutic Patents, 2017, 27, 311-345.	5.0	67
27	Thiazolidinone Constraint Combretastatin Analogs as Novel Antitubulin Agents: Design, Synthesis, Biological Evaluation and Docking Studies. Anti-Cancer Agents in Medicinal Chemistry, 2017, 17, 230-240.	1.7	15
28	Triazole tethered C 5 -curcuminoid-coumarin based molecular hybrids as novel antitubulin agents: Design, synthesis, biological investigation and docking studies. European Journal of Medicinal Chemistry, 2016, 116, 102-115.	5.5	86
29	Design strategies, structure activity relationship and mechanistic insights for purines as kinase inhibitors. European Journal of Medicinal Chemistry, 2016, 112, 298-346.	5.5	55
30	Topoisomerase I and II Inhibitors: A Patent Review. Recent Patents on Anti-Cancer Drug Discovery, 2016, 11, 401-423.	1.6	10
31	Chemotherapeutic Potential of Acridine Analogs: An Ample Review. Heterocycles, 2015, 91, 2043.	0.7	24
32	Screening of a library of 4-aryl/heteroaryl-4H-fused pyrans for xanthine oxidase inhibition: synthesis, biological evaluation and docking studies. Medicinal Chemistry Research, 2015, 24, 3334-3349.	2.4	60
33	Silica supported BrÃ¶nsted acids as catalyst in organic transformations: A comprehensive review. Chinese Journal of Catalysis, 2015, 36, 520-549.	14.0	53
34	Triazole linked mono carbonyl curcumin-isatin bifunctional hybrids as novel anti tubulin agents: Design, synthesis, biological evaluation and molecular modeling studies. Bioorganic and Medicinal Chemistry, 2015, 23, 7165-7180.	3.0	60
35	Design, synthesis and evaluation of 2,4-diarylpyrano[3,2-c]chromen-5(4H)-one as a new class of non-purine xanthine oxidase inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2015, 30, 730-736.	5.2	27
36	Purine Analogues as Kinase Inhibitors: A Review. Recent Patents on Anti-Cancer Drug Discovery, 2015, 10, 308-341.	1.6	26

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37	Anti-Cancer Pyrimidines in Diverse Scaffolds: A Review of Patent Literature. Recent Patents on Anti-Cancer Drug Discovery, 2014, 10, 23-71.	1.6	88
38	Microwave assisted synthesis of naphthopyrans catalysed by silica supported fluoroboric acid as a new class of non purine xanthine oxidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 495-500.	2.2	46
39	Rational approaches, design strategies, structure activity relationship and mechanistic insights for anticancer hybrids. European Journal of Medicinal Chemistry, 2014, 77, 422-487.	5.5	348
40	Chalcone based azacarboline analogues as novel antitubulin agents: Design, synthesis, biological evaluation and molecular modelling studies. European Journal of Medicinal Chemistry, 2014, 85, 648-660.	5.5	33
41	Synthesis and evaluation of naphthoflavones as a new class of non purine xanthine oxidase inhibitors. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4192-4197.	2.2	49
42	Synthesis and cytotoxicity studies of 3,5-diaryl N-acetyl pyrazolineâ€"isatin hybrids. Medicinal Chemistry Research, 2014, 23, 4337-4344.	2.4	26
43	Anticancer Hybrids- A Patent Survey. Recent Patents on Anti-Cancer Drug Discovery, 2014, 9, 303-339.	1.6	34
44	Tubulin Inhibitors: A Patent Survey. Recent Patents on Anti-Cancer Drug Discovery, 2014, 9, 176-220.	1.6	30
45	Vasicine and structurally related quinazolines. Medicinal Chemistry Research, 2013, 22, 1-15.	2.4	49
46	Colchicine and its various physicochemical and biological aspects. Medicinal Chemistry Research, 2013, 22, 531-547.	2.4	30
47	Design and Synthesis of Azaâ€Flavones as a New Class of Xanthine Oxidase Inhibitors. Archiv Der Pharmazie, 2013, 346, 7-16.	4.1	68
48	Synthesis of 1,2,3-triazole tethered bifunctional hybrids by click chemistry and their cytotoxic studies. Medicinal Chemistry Research, 2013, 22, 3160-3169.	2.4	20
49	Aza Analogs of Flavones as Potential Antimicrobial Agents. Letters in Drug Design and Discovery, 2013, 10, 327-334.	0.7	5
50	Xanthine oxidase inhibitors: a patent survey. Expert Opinion on Therapeutic Patents, 2011, 21, 1071-1108.	5.0	79