

Bhupinder Kumar

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

1,288
citations

361045

20
h-index

360668

35
g-index

42
all docs

42
docs citations

42
times ranked

1504
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Developments on 1,2,4-Triazole Nucleus in Anticancer Compounds: A Review. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2016, 16, 465-489.	0.9	165
2	Recent developments on the structure–activity relationship studies of MAO inhibitors and their role in different neurological disorders. <i>RSC Advances</i> , 2016, 6, 42660-42683.	1.7	98
3	Recent advancements in the development of bioactive pyrazoline derivatives. <i>European Journal of Medicinal Chemistry</i> , 2020, 205, 112666.	2.6	73
4	Recent advancements in the development of heterocyclic anti-inflammatory agents. <i>European Journal of Medicinal Chemistry</i> , 2020, 200, 112438.	2.6	61
5	Synthesis and biological evaluation of pyrimidine bridged combretastatin derivatives as potential anticancer agents and mechanistic studies. <i>Bioorganic Chemistry</i> , 2018, 78, 130-140.	2.0	58
6	Promising Targets in Anti-cancer Drug Development: Recent Updates. <i>Current Medicinal Chemistry</i> , 2018, 24, 4729-4752.	1.2	56
7	Dipropargyl substituted diphenylpyrimidines as dual inhibitors of monoamine oxidase and acetylcholinesterase. <i>European Journal of Medicinal Chemistry</i> , 2019, 177, 221-234.	2.6	56
8	A Perspective on Monoamine Oxidase Enzyme as Drug Target: Challenges and Opportunities. <i>Current Drug Targets</i> , 2016, 18, 87-97.	1.0	55
9	4,6-Diphenylpyrimidine Derivatives as Dual Inhibitors of Monoamine Oxidase and Acetylcholinesterase for the Treatment of Alzheimer’s Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 252-265.	1.7	53
10	Mechanisms of Tubulin Binding Ligands to Target Cancer Cells: Updates on their Therapeutic Potential and Clinical Trials. <i>Current Cancer Drug Targets</i> , 2017, 17, 357-375.	0.8	53
11	Insights into the structure activity relationship of nitrogen-containing heterocyclics for the development of antidepressant compounds: An updated review. <i>Journal of Molecular Structure</i> , 2021, 1237, 130369.	1.8	52
12	Chitosan-supported copper as an efficient and recyclable heterogeneous catalyst for A ³ /decarboxylative A ³ -coupling reaction. <i>Tetrahedron Letters</i> , 2018, 59, 1986-1991.	0.7	50
13	Synthesis, biological evaluation and molecular modeling studies of phenyl-/benzhydrylpiperazine derivatives as potential MAO inhibitors. <i>Bioorganic Chemistry</i> , 2018, 77, 252-262.	2.0	36
14	Medicinal Perspective of Indole Derivatives: Recent Developments and Structure-Activity Relationship Studies. <i>Current Drug Targets</i> , 2020, 21, 864-891.	1.0	36
15	Piperazine, a Key Substructure for Antidepressants: Its Role in Developments and Structure–Activity Relationships. <i>ChemMedChem</i> , 2021, 16, 1878-1901.	1.6	35
16	Synthesis, Biological Evaluation and Molecular Modeling Studies of Propargyl-Containing 2,4,6-Trisubstituted Pyrimidine Derivatives as Potential Anti-Parkinson Agents. <i>ChemMedChem</i> , 2018, 13, 705-712.	1.6	29
17	The growing concern of chlorpyrifos exposures on human and environmental health. <i>Pesticide Biochemistry and Physiology</i> , 2022, 185, 105138.	1.6	28
18	Recent Development in Synthesis of Carbon Dots from Natural Resources and Their Applications in Biomedicine and Multi-Sensing Platform. <i>ChemistrySelect</i> , 2021, 6, 2774-2789.	0.7	26

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19	Design, synthesis and neuropharmacological evaluation of new 2,4-disubstituted-1,5-benzodiazepines as CNS active agents. <i>Bioorganic Chemistry</i> , 2020, 101, 104010.	2.0	24
20	Voltage gated sodium channel inhibitors as anticonvulsant drugs: A systematic review on recent developments and structure activity relationship studies. <i>Bioorganic Chemistry</i> , 2021, 115, 105230.	2.0	24
21	Metal- and Solvent-Free Multicomponent Decarboxylative A ³ -Coupling for the Synthesis of Propargylamines: Experimental, Computational, and Biological Investigations. <i>Journal of Organic Chemistry</i> , 2020, 85, 2231-2241.	1.7	22
22	Role of Peroxisome Proliferator-Activated Receptor Gamma (PPAR γ) in Different Disease States: Recent Updates. <i>Current Medicinal Chemistry</i> , 2021, 28, 3193-3215.	1.2	21
23	Reactive metabolites of the anticonvulsant drugs and approaches to minimize the adverse drug reaction. <i>European Journal of Medicinal Chemistry</i> , 2021, 226, 113890.	2.6	19
24	A perspective on potential target proteins of COVID-19: Comparison with SARS-CoV for designing new small molecules. <i>Bioorganic Chemistry</i> , 2020, 104, 104326.	2.0	18
25	Investigation of indole functionalized pyrazoles and oxadiazoles as anti-inflammatory agents: Synthesis, in-vivo, in-vitro and in-silico analysis. <i>Bioorganic Chemistry</i> , 2021, 114, 105068.	2.0	18
26	Role of Vitamins in Neurodegenerative Diseases: A Review. <i>CNS and Neurological Disorders - Drug Targets</i> , 2022, 21, 766-773.	0.8	18
27	Design, Synthesis, and Pharmacological Evaluation of <i>N</i> -Propargylated Diphenylpyrimidines as Multitarget Directed Ligands for the Treatment of Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2022, 13, 2122-2139.	1.7	16
28	Design, synthesis and evaluation of piperazine clubbed 1,2,4-triazine derivatives as potent anticonvulsant agents. <i>Journal of Molecular Structure</i> , 2022, 1257, 132587.	1.8	14
29	Multi-Target-Directed Ligands as an Effective Strategy for the Treatment of Alzheimer's Disease. <i>Current Medicinal Chemistry</i> , 2022, 29, 1757-1803.	1.2	12
30	Design, synthesis, and pharmacological evaluation of aryl oxadiazole linked 1,2,4-triazine derivatives as anticonvulsant agents. <i>Medicinal Chemistry Research</i> , 2022, 31, 781-793.	1.1	11
31	Investigation of Indole- β -piperazinyl Derivatives as Potential Antidepressants: Design, Synthesis, <i>In</i> -Vivo, <i>In</i> -Vivo and <i>In</i> -Silico Analysis. <i>ChemistrySelect</i> , 2021, 6, 11276-11284.	0.7	10
32	Design, Synthesis and Evaluation of <i>O</i> -Pentyne Substituted Diphenylpyrimidines as Monoamine Oxidase and Acetylcholinesterase Inhibitors. <i>ChemistrySelect</i> , 2020, 5, 8021-8032.	0.7	9
33	A Review on Post-traumatic Stress Disorder (PTSD): Symptoms, Therapies and Recent Case Studies. <i>Current Molecular Pharmacology</i> , 2022, 15, 502-516.	0.7	9
34	Regioselective alkylation of 1,2,4-triazole using ionic liquids under microwave conditions. <i>Green Processing and Synthesis</i> , 2016, 5, 233-237.	1.3	5
35	A Review on the Arylpiperazine Derivatives as Potential Therapeutics for the Treatment of Various Neurological Disorders. <i>Current Drug Targets</i> , 2022, 23, 729-751.	1.0	5
36	Rationale Design, Synthesis, Pharmacological and <i>In</i> -Silico Investigation of Indole-Functionalized Isoxazoles as Anti-inflammatory Agents. <i>ChemistrySelect</i> , 2022, 7, .	0.7	5

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37	Nipecotic acid as potential lead molecule for the development of GABA uptake inhibitors; structural insights and design strategies. <i>European Journal of Medicinal Chemistry</i> , 2022, 234, 114269.	2.6	4
38	An Insight into Synthetic Strategies for Schiff Base Derivatives with Diverse Biological Activities. <i>Mini-Reviews in Organic Chemistry</i> , 2021, 18, 1098-1126.	0.6	2
39	Analytical Methodologies for Determination of Hydroxychloroquine and Its Metabolites in Pharmaceutical, Biological and Environmental Samples. <i>Current Pharmaceutical Analysis</i> , 2021, 17, .	0.3	1
40	A Review on Different Analytical Techniques for Determination of DNP Drugs and their Metabolites in Pharmaceutical Formulations. <i>Current Pharmaceutical Analysis</i> , 2021, 17, 1132-1155.	0.3	1