

Ajmer Singh Grewal

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,223
citations

687220

13
h-index

395590

33
g-index

50
all docs

50
docs citations

50
times ranked

1123
citing authors

#	ARTICLE	IF	CITATIONS
1	An extensive review on the consequences of chemical pesticides on human health and environment. Journal of Cleaner Production, 2021, 283, 124657.	4.6	523
2	Updates on Aldose Reductase Inhibitors for Management of Diabetic Complications and Non-diabetic Diseases. Mini-Reviews in Medicinal Chemistry, 2015, 16, 120-162.	1.1	144
3	Recent Updates on Glucokinase Activators for the Treatment of Type 2 Diabetes Mellitus. Mini-Reviews in Medicinal Chemistry, 2014, 14, 585-602.	1.1	59
4	Pesticide Residues in Food Grains, Vegetables and Fruits: A Hazard to Human Health. Journal of Medicinal Chemistry and Toxicology, 2017, 2, 40-46.	0.2	37
5	COVID-19 and diabetes: Association intensify risk factors for morbidity and mortality. Biomedicine and Pharmacotherapy, 2022, 151, 113089.	2.5	36
6	Design, synthesis and biological evaluation of novel thiazol-2-yl benzamide derivatives as glucokinase activators. Computational Biology and Chemistry, 2018, 73, 221-229.	1.1	31
7	Recent updates on development of protein-tyrosine phosphatase 1B inhibitors for treatment of diabetes, obesity and related disorders. Bioorganic Chemistry, 2022, 121, 105626.	2.0	27
8	Role of phytoconstituents in the management of COVID-19. Chemico-Biological Interactions, 2021, 341, 109449.	1.7	25
9	Synthesis, Docking and Antidiabetic Activity of Some Newer Benzamide Derivatives as Potential Glucokinase Activators. Letters in Drug Design and Discovery, 2017, 14, 540-553.	0.4	22
10	Recent Updates on Development of Drug Molecules for Human African Trypanosomiasis. Current Topics in Medicinal Chemistry, 2016, 16, 2245-2265.	1.0	21
11	Recent Developments in Medicinal Chemistry of Allosteric Activators of Human Glucokinase for Type 2 Diabetes Mellitus Therapeutics. Current Pharmaceutical Design, 2020, 26, 2510-2552.	0.9	19
12	Design, synthesis and evaluation of novel 3,5-disubstituted benzamide derivatives as allosteric glucokinase activators. BMC Chemistry, 2019, 13, 2.	1.6	15
13	Nanotechnology: An approach to overcome bioavailability challenges of nutraceuticals. Journal of Drug Delivery Science and Technology, 2022, 72, 103418.	1.4	15
14	Recent Updates on Peroxisome Proliferator-Activated Receptor γ Agonists for the Treatment of Metabolic Syndrome. Medicinal Chemistry, 2016, 12, 3-21.	0.7	14
15	Natural Compounds as Source of Aldose Reductase (AR) Inhibitors for the Treatment of Diabetic Complications: A Mini Review. Current Drug Metabolism, 2020, 21, 1091-1116.	0.7	14
16	Targeting matrix metalloproteinases with novel diazepine substituted cinnamic acid derivatives: design, synthesis, in vitro and in silico studies. Chemistry Central Journal, 2018, 12, 41.	2.6	13
17	4-pyridinyl benzamide analogues as allosteric activators of glucokinase: Design, synthesis, in vitro, in silico and in vivo evaluation. Chemical Biology and Drug Design, 2019, 93, 364-372.	1.5	13
18	Recent Updates on Nanomedicine Based Products: Current Scenario and Future Opportunities. Applied Clinical Research Clinical Trials and Regulatory Affairs, 2018, 5, 132-144.	0.4	12

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19	Natural alkaloids targeting EGFR in non-small cell lung cancer: Molecular docking and ADMET predictions. <i>Chemico-Biological Interactions</i> , 2022, 358, 109901.	1.7	11
20	Synthesis, Antimicrobial Activity and QSAR Studies of Some New Sparfloxacin Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2018, 52, 444-454.	0.3	10
21	Synthesis and evaluation of a series of caffeic acid derivatives as anticancer agents. <i>Future Journal of Pharmaceutical Sciences</i> , 2018, 4, 124-130.	1.1	10
22	Enzymatic inhibitory activity of iridoid glycosides from <i>Picrorrhiza kurroa</i> against matrix metalloproteinases: Correlating in vitro targeted screening and docking. <i>Computational Biology and Chemistry</i> , 2019, 78, 28-36.	1.1	10
23	In vitro targeted screening and molecular docking of stilbene, quinones, and flavonoid on 3T3-L1 pre-adipocytes for anti-adipogenic actions. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2020, 393, 2093-2106.	1.4	10
24	Recent Updates on Free Fatty Acid Receptor 1 (GPR-40) Agonists for the Treatment of Type 2 Diabetes Mellitus. <i>Mini-Reviews in Medicinal Chemistry</i> , 2021, 21, 426-470.	1.1	10
25	Nanotechnology: A Modern Contraption in Cosmetics and Dermatology. <i>Applied Clinical Research Clinical Trials and Regulatory Affairs</i> , 2018, 5, 147-158.	0.4	9
26	Synthesis, Docking and Anti-inflammatory Activity of Triazole Amine Derivatives as Potential Phosphodiesterase-4 Inhibitors. <i>Anti-Inflammatory and Anti-Allergy Agents in Medicinal Chemistry</i> , 2017, 16, 58-67.	1.1	9
27	New Delhi metallo- β -lactamase-1 inhibitors for combating antibiotic drug resistance: recent developments. <i>Medicinal Chemistry Research</i> , 2020, 29, 1301-1320.	1.1	8
28	Unleashing the Potential of Microbial Natural Products in Drug Discovery: Focusing on <i>Streptomyces</i> as Antimicrobials Goldmine. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 2374-2396.	1.0	8
29	Synthesis, Docking and Evaluation of Phenylacetic Acid and Trifluoro-methylphenyl Substituted Benzamide Derivatives as Potential PPAR γ Agonists. <i>Letters in Drug Design and Discovery</i> , 2017, 14, .	0.4	8
30	Molecular Docking Studies of Phenolic Compounds from <i>Syzygium cumini</i> with Multiple Targets of Type 2 Diabetes. <i>Journal of Pharmaceutical Technology Research and Management</i> , 2018, 6, 125-133.	0.3	8
31	Therapeutic Potential of Vitamin C: An Overview of Various Biological Activities. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2021, 10, 605-612.	0.1	8
32	Targeting human Glucokinase for the treatment of type 2 diabetes: an overview of allosteric Glucokinase activators. <i>Journal of Diabetes and Metabolic Disorders</i> , 2022, 21, 1129-1137.	0.8	8
33	Novel and emerging therapeutic drug targets for management of type 2 Diabetes Mellitus. <i>Obesity Medicine</i> , 2021, 23, 100329.	0.5	7
34	Synthesis, Anti-inflammatory Activity and Docking Studies of Some Newer 1,3-Thiazolidine-2,4-dione Derivatives as Dual Inhibitors of PDE4 and PDE7. <i>Current Computer-Aided Drug Design</i> , 2019, 15, 225-234.	0.8	7
35	Design, Synthesis and Antidiabetic Activity of Novel Sulfamoyl Benzamide Derivatives as Glucokinase Activators. <i>Journal of Pharmaceutical Technology Research and Management</i> , 2018, 6, 115-124.	0.3	7
36	Alcoholic and Non-Alcoholic Liver Diseases: Promising Molecular Drug Targets and their Clinical Development. <i>Current Drug Discovery Technologies</i> , 2021, 18, 333-353.	0.6	5

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37	Synthesis, Docking and Anti-inflammatory Activity of Some Newer Triazole Derivatives as Potential PDE7 Inhibitors. <i>Journal of Medicinal Chemistry and Toxicology</i> , 2017, 2, 55-61.	0.2	5
38	Recent Advancements and Applications of Inhalable Microparticles Based Drug Delivery Systems in Respiratory Disorders. <i>Biointerface Research in Applied Chemistry</i> , 2020, 11, 10099-10118.	1.0	5
39	Molecular docking assessment of N-heteroaryl substituted benzamide derivatives as glucokinase activators. <i>Asian Journal of Pharmacy and Pharmacology</i> , 2018, 5, 129-136.	0.1	4
40	An extensive review on phytochemistry and pharmacological activities of Indian medicinal plant <i>Celastrus paniculatus</i> Willd. <i>Phytotherapy Research</i> , 2022, 36, 1930-1951.	2.8	4
41	Novel Cinnamic Acid Derivatives as Potential PPAR α Agonists for Metabolic Syndrome: Design, Synthesis, Evaluation and Docking Studies. <i>Current Drug Discovery Technologies</i> , 2020, 17, 338-347.	0.6	3
42	Design and synthesis of newer N-benzimidazol-2-yl benzamide analogues as allosteric activators of human glucokinase. <i>Medicinal Chemistry Research</i> , 2021, 30, 760-770.	1.1	2
43	Synthesis, Docking and Evaluation of Novel Pyrazole Carboxamide Derivatives as Multifunctional Anti-Alzheimer's Agents. <i>Journal of Medicinal Chemistry and Toxicology</i> , 2017, 2, 47-54.	0.2	2
44	Therapeutic role of nuclear factor erythroid-2 related factor 2 (Nrf2) in liver disorders. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 3952.	0.2	2
45	Small Molecule Allosteric Activators of Human Glucokinase for the Treatment of Type 2 Diabetes: Current Status and Challenges. <i>Current Drug Discovery Technologies</i> , 2022, 19, .	0.6	2
46	Molecular Docking Guided Screening of Phytoconstituents from <i>Artemisia iwayomogi</i> as Potential PPAR α Agonists. <i>International Journal of Pharmaceutical Quality Assurance</i> , 2021, 10, 588-596.	0.1	1
47	Microfluidic Devices in Capturing Circulating Metastatic Cancer Cell Clusters. , 2021, , 261-278.		0
48	Regulatory Overview of Biosimilars: Current Scenario and Future Opportunities. <i>Applied Clinical Research Clinical Trials and Regulatory Affairs</i> , 2015, 03, 1-1.	0.4	0
49	Transmembrane protease serine 4: An emergent diagnostic biomarker and Therapeutic drug target for cancer. <i>Research Journal of Pharmacy and Technology</i> , 2020, 13, 3449.	0.2	0
50	Role of Glucokinase Enzyme in the Treatment of Type 2 Diabetes. <i>ECS Transactions</i> , 2022, 107, 9065-9072.	0.3	0