Vivek K Asati

List of Publications by Year
in descending order

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40 papers	2,028 citations	516561 16 h-index	289141 40 g-index
47 all docs	47 docs citations	47 times ranked	3319 citing authors

#	Article	IF	Citations
1	Discovery of novel ALK2 inhibitors of pyrazolo-pyrimidines: A computational study. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10422-10436.	2.0	3
2	Discovery of Novel Antimalarial Drugs Based on Thiosemicarbazone Derivatives: An In Silico Approach. Current Signal Transduction Therapy, 2022, 17, 59-74.	0.3	0
3	In-silico studies for the development of novel RET inhibitors for cancer treatment. Journal of Molecular Structure, 2022, 1251, 132040.	1.8	8
4	Recent Advances in PI3 Kinase Inhibitors: Anticancer Activities and Structure-Activity Relationships. Mini-Reviews in Medicinal Chemistry, 2022, 22, 2146-2165.	1.1	5
5	An analytical review for the estimation of montelukast sodium. Separation Science Plus, 2022, 5, 120-137.	0.3	0
6	Integrated computational approach on sodium-glucoseâ€‰co-transporterâ€‰2 (SGLT2) Inhibitors for the development of novel antidiabetic agents. Journal of Molecular Structure, 2021, 1227, 129511.	1.8	18
7	The Recent Development of Piperazine and Piperidine Derivatives as Antipsychotic Agents. Mini-Reviews in Medicinal Chemistry, 2021, 21, 362-379.	1.1	10
8	Current Insights into the Chemistry and Antitubercular Potential of Benzimidazole and Imidazole Derivatives. Mini-Reviews in Medicinal Chemistry, 2021, 21, 643-657.	1.1	16
9	Structural Aspects of mTOR Inhibitors: In Progress to Search Potential Compounds. Anti-Cancer Agents in Medicinal Chemistry, 2021, 21, .	0.9	2
10	Pyrazolopyrimidines as anticancer agents: A review on structural and target-based approaches. European Journal of Medicinal Chemistry, 2021, 225, 113781.	2.6	23
11	A Computational approach to discover potential quinazoline derivatives against CDK4/6 kinase. Journal of Molecular Structure, 2021, 1245, 131079.	1.8	6
12	An exhaustive perspective on structural insights of SGLT2 inhibitors: A novel class of antidiabetic agent. European Journal of Medicinal Chemistry, 2020, 204, 112523.	2.6	25
13	Structural prediction of novel pyrazolo-pyrimidine derivatives against PIM-1 kinase: In-silico drug design studies. Journal of Molecular Structure, 2020, 1217, 128375.	1.8	7
14	Perspectives of medicinally privileged chalcone based metal coordination compounds for biomedical applications. European Journal of Medicinal Chemistry, 2019, 174, 142-158.	2.6	71
15	An updated patent review of therapeutic applications of chalcone derivatives (2014-present). Expert Opinion on Therapeutic Patents, 2019, 29, 385-406.	2.4	38
16	PIM kinase inhibitors: Structural and pharmacological perspectives. European Journal of Medicinal Chemistry, 2019, 172, 95-108.	2.6	49
17	Anti-Inflammatory activity of seeds extract of datura stramonium against carrageenan induced paw edema on albino wistar rats. Journal of Pharmaceutical and Biological Sciences, 2019, 7, 41-46.	0.2	4
18	3D-QSAR and Molecular Docking Studies on Oxadiazole Substituted Benzimidazole Derivatives: Validation of Experimental Inhibitory Potencies Towards COX-2. Current Computer-Aided Drug Design, 2019, 15, 277-293.	0.8	2

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19	Formulation and evaluation of sustain released matrix tablet of atenolol. Journal of Drug Delivery and Therapeutics, 2019, 9, 183-189.	0.2	4
20	Recent Perspectives Of Chalcone-Based Molecules As Protein Tyrosine Phosphatase 1b (Ptp1b) Inhibitors. , 2019, , 235-251.		3
21	Virtual Screening, Molecular Docking, and DFT Studies of Some Thiazolidineâ€2,4â€diones as Potential PIMâ€1 Kinase Inhibitors. ChemistrySelect, 2018, 3, 127-135.	0.7	18
22	Design, synthesis and molecular modeling studies of novel thiazolidine-2,4-dione derivatives as potential anti-cancer agents. Journal of Molecular Structure, 2018, 1154, 406-417.	1.8	30
23	MEK inhibitors in oncology: a patent review (2015-Present). Expert Opinion on Therapeutic Patents, 2017, 27, 887-906.	2.4	34
24	3D-QSAR and virtual screening studies of thiazolidine-2,4-dione analogs: Validation of experimental inhibitory potencies towards PIM-1 kinase. Journal of Molecular Structure, 2017, 1133, 278-293.	1.8	13
25	K-Ras and its inhibitors towards personalized cancer treatment: Pharmacological and structural perspectives. European Journal of Medicinal Chemistry, 2017, 125, 299-314.	2.6	39
26	Chalcone Derivatives: Anti-inflammatory Potential and Molecular Targets Perspectives. Current Topics in Medicinal Chemistry, 2017, 17, 3146-3169.	1.0	108
27	Nature Inspired Green Fabrication Technology for Silver Nanoparticles. Current Nanomedicine, 2017, 7, 5-24.	0.2	6
28	SWFB and GA Strategies for Variable Selection in QSAR Studies for the Validation of Thiazolidine-2,4-Dione Derivatives as Promising Antitumor Candidates. Indian Journal of Pharmaceutical Education and Research, 2017, 51, 436-451.	0.3	4
29	QSAR studies for some thiazolidine-2,4-dione derivatives as PIM-2 kinase inhibitors. Medicinal Chemistry Research, 2016, 25, 1329-1339.	1.1	3
30	PI3K/Akt/mTOR and Ras/Raf/MEK/ERK signaling pathways inhibitors as anticancer agents: Structural and pharmacological perspectives. European Journal of Medicinal Chemistry, 2016, 109, 314-341.	2.6	452
31	Molecular modeling studies of some thiazolidine-2,4-dione derivatives as 15-PGDH inhibitors. Medicinal Chemistry Research, 2016, 25, 94-108.	1.1	9
32	Triggering PIK3CA Mutations in PI3K/Akt/mTOR Axis: Exploration of Newer Inhibitors and Rational Preventive Strategies. Current Pharmaceutical Design, 2016, 22, 6039-6054.	0.9	14
33	Mutant B-Raf Kinase Inhibitors as Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2016, 16, 1558-1575.	0.9	13
34	Chalcones and their therapeutic targets for the management of diabetes: Structural and pharmacological perspectives. European Journal of Medicinal Chemistry, 2015, 92, 839-865.	2.6	188
35	Chalcone scaffolds as anti-infective agents: Structural and molecular target perspectives. European Journal of Medicinal Chemistry, 2015, 101, 496-524.	2.6	147
36	Anti-cancer chalcones: Structural and molecular target perspectives. European Journal of Medicinal Chemistry, 2015, 98, 69-114.	2.6	382

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37	1,3,4-Oxadiazoles: An emerging scaffold to target growth factors, enzymes and kinases as anticancer agents. European Journal of Medicinal Chemistry, 2015, 97, 124-141.	2.6	142
38	Synthesis, characterization and antimicrobial evaluation of some 1,3-benzothiazole-2-yl-hydrazone derivatives. Arabian Journal of Chemistry, 2015, 8, 495-499.	2.3	10
39	Thiazolidine-2,4-diones as multi-targeted scaffold in medicinal chemistry: Potential anticancer agents. European Journal of Medicinal Chemistry, 2014, 87, 814-833.	2.6	110
40	RECENT THERAPEUTIC PROGRESS OF CHALCONE SCAFFOLD BEARING COMPOUNDS AS PROSPECTIVE ANTI-GOUT CANDIDATES. Journal of Critical Reviews, 0, , 1-5.	0.7	5