Omprakash Tanwar

List of Publications by Year in Descending Order

19 papers	522 citations	10 h-index	19 g-index
19 ext. papers	607 ext. citations	3.1 avg, IF	3.17 L-index

#	Paper	IF	Citations
19	Ethyl Pyruvate as a Potential Defense Intervention against Cytokine Storm in COVID-19?. *ACS Omega*, **2021**, 6, 7754-7760	3.9	1
18	Expansion of a novel lead targeting M. tuberculosis DHFR as antitubercular agents. *Bioorganic and Medicinal Chemistry*, **2019**, 27, 1421-1429	3.4	4
17	Pyrazole-pyrazoline as promising novel antimalarial agents: A mechanistic study. *European Journal of Medicinal Chemistry*, **2018**, 149, 139-147	6.8	37
16	Structural comparison of Mtb-DHFR and h-DHFR for design, synthesis and evaluation of selective non-pteridine analogues as antitubercular agents. *Bioorganic Chemistry*, **2018**, 80, 319-333	5.1	12
15	Synthesis and antimalarial activity of quinoline-substituted furanone derivatives and their identification as selective falcipain-2 inhibitors. *Medicinal Chemistry Research*, **2015**, 24, 879-890	2.2	11
14	Pharmacophore based virtual screening, synthesis and SAR of novel inhibitors of Mycobacterium sulfotransferase. *Bioorganic and Medicinal Chemistry Letters*, **2015**, 25, 701-7	2.9	6
13	Synthesis, 3D-QSAR and docking studies of pyrimidine nitrile-pyrazoline: a novel class of hybrid antimalarial agents. *Medicinal Chemistry Research*, **2015**, 24, 1018-1037	2.2	11
12	Novel hydrazine derivatives as selective DPP-IV inhibitors: findings from virtual screening and validation through molecular dynamics simulations. *Journal of Molecular Modeling*, **2014**, 20, 2118	2	10
11	Synthesis and biological evaluation of some new pyrazoline substituted benzenesulfonylurea/thiourea derivatives as anti-hyperglycaemic agents and aldose reductase inhibitors. *European Journal of Medicinal Chemistry*, **2014**, 80, 209-17	6.8	16
10	Structure based virtual screening of MDPI database: discovery of structurally diverse and novel DPP-IV inhibitors. *Bioorganic and Medicinal Chemistry Letters*, **2014**, 24, 3447-51	2.9	15
9	3D quantitative structure–activity relationship for quinoline, benzimidazole and benzofuran-based analogs as phosphodiesterases IV (PDE-IV) inhibitors. *Medicinal Chemistry Research*, **2013**, 22, 5153-5166	2.2	1
8	Quinoline: A versatile heterocyclic. *Saudi Pharmaceutical Journal*, **2013**, 21, 1-12	4.4	248
7	Identification of ZINC02765569: a potent inhibitor of PTP1B by vHTS. *Medicinal Chemistry Research*, **2013**, 22, 28-34	2.2	12
6	Pharmacophore model generation and 3D-QSAR analysis of N-acyl and N-aroylpyrazolines for enzymatic and cellular B-Raf kinase inhibition. *Medicinal Chemistry Research*, **2013**, 22, 2174-2187	2.2	4
5	Pyrazolines: a biological review. *Mini-Reviews in Medicinal Chemistry*, **2013**, 13, 921-31	3.2	100
4	Recent updates on biological activities of oxadiazoles. *Mini-Reviews in Medicinal Chemistry*, **2013**, 13, 1027-46	3.2	19
3	3D-QSAR of amino-substituted pyrido[3,2B]pyrazinones as PDE-5 inhibitors. *Medicinal Chemistry Research*, **2012**, 21, 202-211	2.2	8

2	2-D QSAR studies of steroidal natural products oleanic acid and their semisynthetic derivatives as potent protein tyrosine phosphatase 1B inhibitors. *Medicinal Chemistry Research*, **2012**, 21, 351-361	2.2	4
1	Modeling VEGFR kinase inhibition of aminopyrazolopyridine urea derivatives using topological and physicochemical descriptors: a quantitative structure activity analysis study. *Medicinal Chemistry Research*, **2012**, 21, 3958-3964	2.2	3