Hemant Arya

List of Publications by Year in descending order

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25 papers	167 citations	1478280 6 h-index	1474057 9 g-index
25 all docs	25 docs citations	25 times ranked	257 citing authors

#	Article	IF	Citations
1	Targeting P-glycoprotein: Investigation of piperine analogs for overcoming drug resistance in cancer. Scientific Reports, 2017, 7, 7972.	1.6	79
2	In Silico Investigations of Chemical Constituents of Clerodendrum colebrookianum in the Anti-Hypertensive Drug Targets: ROCK, ACE, and PDE5. Interdisciplinary Sciences, Computational Life Sciences, 2018, 10, 792-804.	2.2	20
3	Virtual screening of traditional Chinese medicine (TCM) database: identification of fragment-like lead molecules for filariasis target asparaginyl-tRNA synthetase. Journal of Molecular Modeling, 2014, 20, 2266.	0.8	14
4	Azo-Stilbene and Pyridineâ€“Amine Hybrid Multifunctional Molecules to Target Metal-Mediated Neurotoxicity and Amyloid-Î² Aggregation in Alzheimerâ€™s Disease. Inorganic Chemistry, 2022, 61, 10294-10309.	1.9	11
5	Lead identification and optimization. , 2021, , 31-63.		10
6	Aryldiazoquinoline based multifunctional small molecules for modulating Aβ₄₂aggregation and cholinesterase activity related to Alzheimer's disease. RSC Advances, 2020, 10, 28827-28837.	1.7	8
7	Overcoming vincristine resistance in cancer: Computational design and discovery of piperineâ€inspired Pâ€glycoprotein inhibitors. Chemical Biology and Drug Design, 2021, 97, 51-66.	1.5	8
8	Drug repurposing based novel anti-leishmanial drug screening using in-silico and in-vitro approaches. Journal of Biomolecular Structure and Dynamics, 2022, 40, 10812-10820.	2.0	5
9	Design of a potent anticancer lead inspired by natural products from traditional Indian medicine. Journal of Biomolecular Structure and Dynamics, 2020, 38, 3563-3577.	2.0	4
10	Design of novel ROCK inhibitors using fragment-based de novo drug design approach. Journal of Molecular Modeling, 2020, 26, 249.	0.8	2
11	Introduction of structural bioinformatics with respect to drug discovery. , 2021, , 3-9.		2
12	Molecular dynamics simulations. , 2021, , 65-81.		2
13	Role of Bioinformatics in Subunit Vaccine Design. , 2021, , 425-439.		1
14	Protein purification and desalting. , 2021, , 181-201.		1
15	Key steps in the selection of vaccine targets. , 2021, , 93-95.		0
16	Design of vaccine constructs. , 2021, , 109-119.		0
17	An overview of IND, NDA, approval agencies and FDA post-marketing surveillance. , 2021, , 267-273.		0
18	Target identification and validation. , 2021, , 11-19.		0

#	Article	IF	Citations
19	In silico validation through protein-protein docking. , 2021, , 121-132.		0
20	Introduction of intellectual property rights. , 2021, , 275-281.		0
21	An overview of vaccine design. , 2021, , 85-91.		0
22	Molecular cloning. , 2021, , 135-163.		0
23	Brief introduction of clinical research and trials. , 2021, , 263-266.		0
24	Epitope prediction and selection of linkers and adjuvant. , 2021, , 97-107.		0
25	Retrieval of compounds. , 2021, , 21-29.		0