

Busecan Aksoydan

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

311
citations

840776

11
h-index

888059

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g-index

19
all docs

19
docs citations

19
times ranked

587
citing authors

#	ARTICLE	IF	CITATIONS
1	Screening of Clinically Approved and Investigation Drugs as Potential Inhibitors of SARS-CoV-2: A Combined <i>in silico</i> and <i>in vitro</i> Study. <i>Molecular Informatics</i> , 2022, 41, e2100062.	2.5	9
2	Molecular simulations reveal the impact of RAMP1 on ligand binding and dynamics of calcitonin gene-related peptide receptor (CGRPR) heterodimer. <i>Computers in Biology and Medicine</i> , 2022, 141, 105130.	7.0	3
3	Virtual drug repurposing study for the CGRPR identifies pentagastrin and leuprorelin as putative candidates. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 116, 108254.	2.4	2
4	Near-physiological-temperature serial crystallography reveals conformations of SARS-CoV-2 main protease active site for improved drug repurposing. <i>Structure</i> , 2021, 29, 1382-1396.e6.	3.3	28
5	Integrated Binary QSAR-Driven Virtual Screening and In Vitro Studies for Finding Novel hMAO-B-Selective Inhibitors. <i>Journal of Chemical Information and Modeling</i> , 2020, 60, 4047-4055.	5.4	7
6	In silico characterization of adipokinetic hormone receptor and screening for pesticide candidates against stick insect, <i>Carausius morosus</i> . <i>Journal of Molecular Graphics and Modelling</i> , 2020, 101, 107720.	2.4	8
7	Host-Guest Interactions between Candesartan and Its Prodrug Candesartan Cilexetil in Complex with 2-Hydroxypropyl- β -cyclodextrin: On the Biological Potency for Angiotensin II Antagonism. <i>Molecular Pharmaceutics</i> , 2019, 16, 1255-1271.	4.6	17
8	Current status of multiscale simulations on GPCRs. <i>Current Opinion in Structural Biology</i> , 2019, 55, 93-103.	5.7	17
9	Oligomerization and cooperativity in GPCRs from the perspective of the angiotensin AT1 and dopamine D2 receptors. <i>Neuroscience Letters</i> , 2019, 700, 30-37.	2.1	17
10	Proposing Novel MAO-B Hit Inhibitors Using Multidimensional Molecular Modeling Approaches and Application of Binary QSAR Models for Prediction of Their Therapeutic Activity, Pharmacokinetic and Toxicity Properties. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1768-1782.	3.5	33
11	Integration of multi-scale molecular modeling approaches with experiments for the in silico guided design and discovery of novel hERG-Neutral antihypertensive oxazalone and imidazolone derivatives and analysis of their potential restrictive effects on cell proliferation. <i>European Journal of Medicinal Chemistry</i> , 2018, 145, 273-290.	5.5	21
12	Structure-based design of hERG-neutral antihypertensive oxazalone and imidazolone derivatives. <i>Journal of Molecular Graphics and Modelling</i> , 2018, 79, 103-117.	2.4	18
13	Application of Multiscale Simulation Tools on GPCRs. An Example with Angiotensin II Type 1 Receptor. <i>Methods in Molecular Biology</i> , 2018, 1824, 431-448.	0.9	0
14	Analysis of the Glutamate Agonist LY404,039 Binding to Nonstatic Dopamine Receptor D2 Dimer Structures and Consensus Docking. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1404-1415.	3.5	23
15	Reducing Virulence and Biofilm of <i>Pseudomonas aeruginosa</i> by Potential Quorum Sensing Inhibitor Carotenoid: Zeaxanthin. <i>Microbial Ecology</i> , 2017, 74, 466-473.	2.8	56
16	Identification of novel serotonin reuptake inhibitors targeting central and allosteric binding sites: A virtual screening and molecular dynamics simulations study. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 74, 193-202.	2.4	8
17	Biological Insights of the Dopaminergic Stabilizer ACR16 at the Binding Pocket of Dopamine D2 Receptor. <i>ACS Chemical Neuroscience</i> , 2017, 8, 826-836.	3.5	15
18	Synthesis, biological activity and multiscale molecular modeling studies for coumaryl-carboxamide derivatives as selective carbonic anhydrase IX inhibitors. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2017, 32, 1042-1052.	5.2	28

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19	Publisher's note. <i>Journal of Molecular Graphics and Modelling</i> , 2017, 77, 240.	2.4	1