Alexey A Orlov

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2680850/publications.pdf

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25	495	567281 15	677142 22
papers	citations	h-index	g-index

28	28	28	434
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Computational screening methodology identifies effective solvents for CO2 capture. Communications Chemistry, 2022, 5, .	4.5	17
2	Antiviral activity of natural humic substances and shilajit materials against HIV-1: Relation to structure. Environmental Research, 2021, 193, 110312.	7.5	26
3	Computer-Aided Design of New Physical Solvents for Hydrogen Sulfide Absorption. Industrial & Engineering Chemistry Research, 2021, 60, 8588-8596.	3.7	9
4	Inhibition of Class A Î²-Lactamase (TEM-1) by Narrow Fractions of Humic Substances. ACS Omega, 2021, 6, 23873-23883.	3.5	6
5	Chemoinformatics-Driven Design of New Physical Solvents for Selective CO₂ Absorption. Environmental Science & Technology, 2021, 55, 15542-15553.	10.0	16
6	A Chemographic Audit of antiâ€Coronavirus Structureâ€activity Information from Public Databases (ChEMBL). Molecular Informatics, 2020, 39, e2000080.	2.5	16
7	Hydrogen/Deuterium and ¹⁶O/¹⁸O-Exchange Mass Spectrometry Boosting the Reliability of Compound Identification. Analytical Chemistry, 2020, 92, 6877-6885.	6.5	14
8	Simplistic perylene-related compounds as inhibitors of tick-borne encephalitis virus reproduction. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127100.	2.2	15
9	Ramified derivatives of 5-(perylen-3-ylethynyl)uracil-1-acetic acid and their antiviral properties. RSC Advances, 2019, 9, 26014-26023.	3.6	8
10	Examination of molecular space and feasible structures of bioactive components of humic substances by FTICR MS data mining in ChEMBL database. Scientific Reports, 2019, 9, 12066.	3.3	25
11	Hydrogen/Deuterium Exchange Aiding Compound Identification for LC-MS and MALDI Imaging Lipidomics. Analytical Chemistry, 2019, 91, 13465-13474.	6.5	18
12	Antiviral activity spectrum of phenoxazine nucleoside derivatives. Antiviral Research, 2019, 163, 117-124.	4.1	18
13	Compounds based on 5-(perylen-3-ylethynyl)uracil scaffold: High activity against tick-borne encephalitis virus and non-specific activityÂagainst enterovirus A. European Journal of Medicinal Chemistry, 2019, 171, 93-103.	5.5	16
14	Getting to Know the Neighbours with GTM: The Case of Antiviral Compounds. Molecular Informatics, 2019, 38, 1800166.	2.5	7
15	Enhanced taxonomy annotation of antiviral activity data from ChEMBL. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	19
16	Analysis of Chemical Spaces: Implications for Drug Repurposing. , 2019, , 359-395.		2
17	Selective Inhibition of Enterovirus A Species Membersâ€™ Reproduction by Furano[2,â€‰3â€‹d]pyrimidine Nucleosides Revealed by Antiviral Activity Profiling against (+)ssRNA Viruses. ChemistrySelect, 2018, 3, 2321-2325.	1.5	21
18	Probing chemical space of tickâ€borne encephalitis virus reproduction inhibitors with organoselenium compounds. Archiv Der Pharmazie, 2018, 351, e1700353.	4.1	22

#	Article	IF	Citations
19	A facile metal-free approach to N,Nâ€²-bis(1-oxidopyrimidin-4-yl)diamines with promising biological activity. Mendeleev Communications, 2018, 28, 592-594.	1.6	12
20	3â€²-O-Substituted 5-(perylen-3-ylethynyl)-2â€²-deoxyuridines as tick-borne encephalitis virus reproduction inhibitors. European Journal of Medicinal Chemistry, 2018, 155, 77-83.	5.5	18
21	Novel water-soluble lignin derivative BP-Cx-1: identification of components and screening of potential targets in silico and in vitro. Oncotarget, 2018, 9, 18578-18593.	1.8	29
22	New tools in nucleoside toolbox of tick-borne encephalitis virus reproduction inhibitors. Bioorganic and Medicinal Chemistry Letters, 2017, 27, 1267-1273.	2.2	26
23	Perylenyltriazoles inhibit reproduction of enveloped viruses. European Journal of Medicinal Chemistry, 2017, 138, 293-299.	5.5	23
24	Rigid amphipathic nucleosides suppress reproduction of the tick-borne encephalitis virus. MedChemComm, 2016, 7, 495-499.	3.4	33
25	Progress in visual representations of chemical space. Expert Opinion on Drug Discovery, 2015, 10, 959-973.	5.0	68