Olga Riabova

List of Publications by Year in descending order

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28 papers	775 citations	567281 15 h-index	526287 27 g-index
29 all docs	29 docs citations	29 times ranked	961 citing authors

#	Article	IF	Citations
1	Machine Learning Models for Mycobacterium tuberculosisÂ In Vitro Activity: Prediction and Target Visualization. Molecular Pharmaceutics, 2022, 19, 674-689.	4.6	8
2	A proof-of-concept study for the efficacy of dispirotripiperazine PDSTP in a rabbit model of herpes simplex epithelial keratitis. Antiviral Research, 2022, 202, 105327.	4.1	4
3	Discovery of 5-Nitro-6-thiocyanatopyrimidines as Inhibitors of Cryptococcus neoformans and Cryptococcus gattii. ACS Medicinal Chemistry Letters, 2021, 12, 774-781.	2.8	5
4	New Insights into the Mechanism of Action of the Thienopyrimidine Antitubercular Prodrug TP053. ACS Infectious Diseases, 2020, 6, 313-323.	3.8	11
5	The past, present and future of RNA respiratory viruses: influenza and coronaviruses. Pathogens and Disease, 2020, 78, .	2.0	7
6	6,11-Dioxobenzo[f]pyrido[1,2-a]indoles Kill Mycobacterium tuberculosis by Targeting Ironâ€“Sulfur Protein Rv0338c (IspQ), A Putative Redox Sensor. ACS Infectious Diseases, 2020, 6, 3015-3025.	3.8	9
7	Rv0579 Is Involved in the Resistance to the TP053 Antitubercular Prodrug. Frontiers in Microbiology, 2020, 11, 292.	3.5	5
8	Chemical, Metabolic, and Cellular Characterization of a FtsZ Inhibitor Effective Against Burkholderia cenocepacia. Frontiers in Microbiology, 2020, 11, 562.	3.5	5
9	Mycobacterium abscessus, an Emerging and Worrisome Pathogen among Cystic Fibrosis Patients. International Journal of Molecular Sciences, 2019, 20, 5868.	4.1	84
10	Competitive Fitness of Essential Gene Knockdowns Reveals a Broad-Spectrum Antibacterial Inhibitor of the Cell Division Protein FtsZ. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	28
11	Copper-related toxicity in replicating and dormantMycobacterium tuberculosiscaused by 1-hydroxy-5-R-pyridine-2(1H)-thiones. Metallomics, 2018, 10, 992-1002.	2.4	22
12	Structure-Based Drug Design and Characterization of Sulfonyl-Piperazine Benzothiazinone Inhibitors of DprE1 from Mycobacterium tuberculosis. Antimicrobial Agents and Chemotherapy, 2018, 62, .	3.2	49
13	Benzoylphenyl thiocyanates are new, effective inhibitors of the mycobacterial resuscitation promoting factor B protein. Annals of Clinical Microbiology and Antimicrobials, 2017, 16, 69.	3.8	8
14	Antiretroviral Activity Of a Novel Pyrimidyl-Di(Diazaspiroalkane) Derivative. Acta Naturae, 2017, 9, 105-107.	1.7	2
15	Discovery of new diketopiperazines inhibiting Burkholderia cenocepacia quorum sensing in vitro and in vivo. Scientific Reports, 2016, 6, 32487.	3.3	46
16	Pyrazolopyrimidines: Potent Inhibitors Targeting the Capsid of Rhinoâ€•and Enteroviruses. ChemMedChem, 2015, 10, 1629-1634.	3.2	33
17	Molecular mechanism of a specific capsid binder resistance caused by mutations outside the binding pocket. Antiviral Research, 2015, 123, 138-145.	4.1	14
18	QSAR analysis of [(biphenyloxy)propyl]isoxazoles: agents against coxsackievirus B3. Future Medicinal Chemistry, 2011, 3, 15-27.	2.3	17

#	Article	IF	Citations
19	Per aspera ad astra: application of Simplex QSAR approach in antiviral research. Future Medicinal Chemistry, 2010, 2, 1205-1226.	2.3	58
20	New pleconaril and [(biphenyloxy)propyl]isoxazole derivatives with substitutions in the central ring exhibit antiviral activity against pleconaril-resistant coxsackievirus B3. Antiviral Research, 2009, 81, 56-63.	4.1	46
21	Transformations of 5â€nitropyrimidines. Journal of Heterocyclic Chemistry, 2008, 45, 621-643.	2.6	9
22	Identification of individual structural fragments of N,Nâ€²-(bis-5-nitropyrimidyl)dispirotripiperazine derivatives for cytotoxicity and antiherpetic activity allows the prediction of new highly active compounds. Journal of Antimicrobial Chemotherapy, 2007, 60, 68-77.	3.0	41
23	Quantitative Structureâ^'Activity Relationship Studies of [(Biphenyloxy)propyl]isoxazole Derivatives. Inhibitors of Human Rhinovirus 2 Replication. Journal of Medicinal Chemistry, 2007, 50, 4205-4213.	6.4	73
24	Synthesis and antileprosy activity of some dialkyldithiocarbamates. Journal of Antimicrobial Chemotherapy, 2006, 57, 1134-1138.	3.0	41
25	Anti-coxsackievirus B3 activity of 2-amino-3-nitropyrazolo[1,5-a]pyrimidines and their analogs. Bioorganic and Medicinal Chemistry Letters, 2005, 15, 37-39.	2.2	33
26	Susceptibility of coxsackievirus B3 laboratory strains and clinical isolates to the capsid function inhibitor pleconaril: antiviral studies with virus chimeras demonstrate the crucial role of amino acid 1092 in treatment. Journal of Antimicrobial Chemotherapy, 2005, 56, 648-656.	3.0	48
27	Novel [(biphenyloxy)propyl]isoxazole derivatives for inhibition of human rhinovirus 2 and coxsackievirus B3 replication. Journal of Antimicrobial Chemotherapy, 2005, 55, 483-488.	3.0	45
28	Synthesis, cytotoxicity and antiviral activity of N,Nâ€²-bis-5-nitropyrimidyl derivatives of dispirotripiperazine. Antiviral Research, 2002, 55, 117-127.	4.1	24