

Carmine Talarico

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

21
papers

259
citations

10
h-index

15
g-index

28
ext. papers

406
ext. citations

6.1
avg, IF

3.09
L-index

#	Paper	IF	Citations
21	Identification of Inhibitors of SARS-CoV-2 3CL-Pro Enzymatic Activity Using a Small Molecule in Vitro Repurposing Screen. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1096-1110	5.9	31
20	Computational Studies of SARS-CoV-2 3CLpro: Insights from MD Simulations. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	29
19	Identification of G-quadruplex DNA/RNA binders: Structure-based virtual screening and biophysical characterization. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017 , 1861, 1329-1340	4	25
18	Novel natural non-nucleoside inhibitors of HIV-1 reverse transcriptase identified by shape- and structure-based virtual screening techniques. <i>European Journal of Medicinal Chemistry</i> , 2019 , 161, 1-10	6.8	23
17	Molecular recognition of a carboxy pyridostatin toward G-quadruplex structures: Why does it prefer RNA?. <i>Chemical Biology and Drug Design</i> , 2017 , 90, 919-925	2.9	18
16	A Comprehensive Mapping of the Druggable Cavities within the SARS-CoV-2 Therapeutically Relevant Proteins by Combining Pocket and Docking Searches as Implemented in Pockets 2.0. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	17
15	A Blueprint for High Affinity SARS-CoV-2 Mpro Inhibitors from Activity-Based Compound Library Screening Guided by Analysis of Protein Dynamics. <i>ACS Pharmacology and Translational Science</i> , 2021 , 4, 1079-1095	5.9	15
14	Identification of PiperidinyI-amine Derivatives as Novel Dual Binders of Oncogene c-myc/c-Kit G-quadruplexes. <i>ACS Medicinal Chemistry Letters</i> , 2018 , 9, 848-853	4.3	13
13	Molecular modelling of epitopes recognized by neoplastic B lymphocytes in Chronic Lymphocytic Leukemia. <i>European Journal of Medicinal Chemistry</i> , 2020 , 185, 111838	6.8	12
12	A Comparative Docking Strategy to Identify Polyphenolic Derivatives as Promising Antineoplastic Binders of G-quadruplex DNA c-myc and bcl-2 Sequences. <i>Molecular Informatics</i> , 2016 , 35, 391-402	3.8	12
11	Computer-based techniques for lead identification and optimization I: Basics. <i>Physical Sciences Reviews</i> , 2019 , 4,	1.4	10
10	Combining Molecular Dynamics and Docking Simulations to Develop Targeted Protocols for Performing Optimized Virtual Screening Campaigns on The hTRPM8 Channel. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	9
9	Pathway involving the N155H mutation in HIV-1 integrase leads to dolutegravir resistance. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1158-1166	5.1	8
8	Real-life 3D therapy failure: Analysis of NS5A 93H RAS plus 108 K polymorphism in complex with ombitasvir by molecular modeling. <i>Journal of Medical Virology</i> , 2018 , 90, 1257-1263	19.7	6
7	The Mu.Ta.Lig. Chemotheca: A Community-Populated Molecular Database for Multi-Target Ligands Identification and Compound-Repurposing. <i>Frontiers in Chemistry</i> , 2018 , 6, 130	5	6
6	Repurposing the estrogen receptor modulator raloxifene to treat SARS-CoV-2 infection. <i>Cell Death and Differentiation</i> , 2021 ,	12.7	6
5	Structural Modeling of New Polymorphism Clusters of HCV Polymerase Isolated from Direct-Acting Antiviral Naïve Patients: Focus on Dasabuvir and Setrobuvir Binding Affinity. <i>ChemistrySelect</i> , 2018 , 3, 6009-6017	1.8	5

4	Combining Different Docking Engines and Consensus Strategies to Design and Validate Optimized Virtual Screening Protocols for the SARS-CoV-2 3CL Protease. <i>Molecules</i> , 2021 , 26,	4.8	5
3	Natural Compounds Inhibit SARS-CoV-2 nsp13 Unwinding and ATPase Enzyme Activities.. <i>ACS Pharmacology and Translational Science</i> , 2022 , 5, 226-239	5.9	5
2	Binding Mode Exploration of B1 Receptor Antagonists by the Use of Molecular Dynamics and Docking Simulation-How Different Target Engagement Can Determine Different Biological Effects. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	2
1	Identification of inhibitors of SARS-CoV-2 3CL-Pro enzymatic activity using a small molecule in-vitro repurposing screen		1