

Davide Sabbadin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,459
citations

471061

17
h-index

580395

25
g-index

26
all docs

26
docs citations

26
times ranked

2047
citing authors

#	ARTICLE	IF	CITATIONS
1	The mitochondrial calcium uniporter is a multimer that can include a dominant-negative pore-forming subunit. <i>EMBO Journal</i> , 2013, 32, 2362-2376.	3.5	408
2	Advances in GPCR Modeling Evaluated by the GPCR Dock 2013 Assessment: Meeting New Challenges. <i>Structure</i> , 2014, 22, 1120-1139.	1.6	149
3	Shape-Based Generative Modeling for de Novo Drug Design. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1205-1214.	2.5	145
4	Supervised Molecular Dynamics (SuMD) as a Helpful Tool To Depict GPCR's Ligand Recognition Pathway in a Nanosecond Time Scale. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 372-376.	2.5	135
5	Deciphering the Complexity of Ligand-Protein Recognition Pathways Using Supervised Molecular Dynamics (SuMD) Simulations. <i>Journal of Chemical Information and Modeling</i> , 2016, 56, 687-705.	2.5	88
6	From Target to Drug: Generative Modeling for the Multimodal Structure-Based Ligand Design. <i>Molecular Pharmaceutics</i> , 2019, 16, 4282-4291.	2.3	81
7	Bridging Molecular Docking to Membrane Molecular Dynamics To Investigate GPCR's Ligand Recognition: The Human A _{2A} Adenosine Receptor as a Key Study. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 169-183.	2.5	59
8	Modeling ligand recognition at the P2Y ₁₂ receptor in light of X-ray structural information. <i>Journal of Computer-Aided Molecular Design</i> , 2015, 29, 737-756.	1.3	42
9	Advances in Computational Techniques to Study GPCR's Ligand Recognition. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 878-890.	4.0	40
10	Exploring the recognition pathway at the human A _{2A} adenosine receptor of the endogenous agonist adenosine using supervised molecular dynamics simulations. <i>MedChemComm</i> , 2015, 6, 1081-1085.	3.5	36
11	3-Hydroxy-1H-quinazoline-2,4-dione derivatives as new antagonists at ionotropic glutamate receptors: Molecular modeling and pharmacological studies. <i>European Journal of Medicinal Chemistry</i> , 2012, 54, 470-482.	2.6	31
12	New insight into adenosine receptors selectivity derived from a novel series of [5-substituted-4-phenyl-1,3-thiazol-2-yl] benzamides and furamides. <i>European Journal of Medicinal Chemistry</i> , 2013, 63, 924-934.	2.6	30
13	Adenosiland: Walking through adenosine receptors landscape. <i>European Journal of Medicinal Chemistry</i> , 2012, 58, 248-257.	2.6	29
14	Perturbation of Fluid Dynamics Properties of Water Molecules during G Protein-Coupled Receptor's Ligand Recognition: The Human A _{2A} Adenosine Receptor as a Key Study. <i>Journal of Chemical Information and Modeling</i> , 2014, 54, 2846-2855.	2.5	24
15	Insecticidal spider toxins are high affinity positive allosteric modulators of the nicotinic acetylcholine receptor. <i>FEBS Letters</i> , 2019, 593, 1336-1350.	1.3	23
16	The xylanase inhibitor TAXI counteracts the necrotic activity of a <i>Fusarium graminearum</i> xylanase <i>in vitro</i> and in durum wheat transgenic plants. <i>Molecular Plant Pathology</i> , 2015, 16, 583-592.	2.0	22
17	Computationally driven discovery of SARS-CoV-2 M ^{pro} inhibitors: from design to experimental validation. <i>Chemical Science</i> , 2022, 13, 3674-3687.	3.7	21
18	Defining and Exploiting Hypersensitivity Hotspots to Facilitate Abscisic Acid Agonist Optimization. <i>ACS Chemical Biology</i> , 2019, 14, 332-336.	1.6	19

#	ARTICLE	IF	CITATIONS
19	Supervised Molecular Dynamics (SuMD) Approaches in Drug Design. <i>Methods in Molecular Biology</i> , 2018, 1824, 287-298.	0.4	18
20	Exploring the Directionality of 5-Substitutions in a New Series of 5-Alkylaminopyrazolo[4,3- <i>e</i>]1,2,4-triazolo[1,5- <i>c</i>]pyrimidine as a Strategy To Design Novel Human A ₃ Adenosine Receptor Antagonists.. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 9654-9668.	2.9	17
21	Molecular modelling studies on Arylthioindoles as potent inhibitors of tubulin polymerization. <i>European Journal of Medicinal Chemistry</i> , 2011, 46, 3519-3525.	2.6	15
22	Carboxylation-dependent conformational changes of human osteocalcin. <i>Frontiers in Bioscience - Landmark</i> , 2014, 19, 1105.	3.0	12
23	Implementing the "Best Template Searching" tool into Adenosiland platform. <i>In Silico Pharmacology</i> , 2013, 1, 25.	1.8	10
24	New Trends in Inspecting GPCR Ligand Recognition Process: the Contribution of the Molecular Modeling Section (MMS) at the University of Padova. <i>Molecular Informatics</i> , 2016, 35, 440-448.	1.4	3
25	MMsDusty: an Alternative InChI-Based Tool to Minimize Chemical Redundancy. <i>Molecular Informatics</i> , 2013, 32, 681-684.	1.4	2