

# JÃ©rÃ©mie Mortier

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

1,114  
citations

430442

18  
h-index

395343

33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1995  
citing authors

#	ARTICLE	IF	CITATIONS
1	The impact of molecular dynamics on drug design: applications for the characterization of ligand-macromolecule complexes. <i>Drug Discovery Today</i> , 2015, 20, 686-702.	3.2	171
2	Design, synthesis and molecular docking study of novel quinoxalin-2(1H)-ones as anti-tumor active agents with inhibition of tyrosine kinase receptor and studying their cyclooxygenase-2 activity. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 122-132.	2.6	110
3	Anthocyanin composition, antioxidant efficiency, and $\alpha$ -amylase inhibitor activity of different Hungarian sour cherry varieties ( <i>Prunus cerasus</i> L.). <i>Food Chemistry</i> , 2016, 194, 222-229.	4.2	93
4	In silico virtual screening approaches for anti-viral drug discovery. <i>Drug Discovery Today: Technologies</i> , 2012, 9, e219-e225.	4.0	67
5	NF- $\kappa$ B inducing kinase (NIK) inhibitors: Identification of new scaffolds using virtual screening. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2010, 20, 4515-4520.	1.0	51
6	Synthesis, biological activity and structure-activity relationships of new benzoic acid-based protein tyrosine phosphatase inhibitors endowed with insulinomimetic effects in mouse C2C12 skeletal muscle cells. <i>European Journal of Medicinal Chemistry</i> , 2014, 71, 112-127.	2.6	47
7	Inhibitory potency of flavonoid derivatives on influenza virus neuraminidase. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 4312-4317.	1.0	47
8	Computational close up on protein-protein interactions: how to unravel the invisible using molecular dynamics simulations?. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2015, 5, 345-359.	6.2	45
9	More than a look into a crystal ball: protein structure elucidation guided by molecular dynamics simulations. <i>Drug Discovery Today</i> , 2016, 21, 1799-1805.	3.2	41
10	Design, synthesis and structure-activity relationship of novel quinoxaline derivatives as cancer chemopreventive agent by inhibition of tyrosine kinase receptor. <i>European Journal of Medicinal Chemistry</i> , 2013, 69, 115-124.	2.6	38
11	Impact of fluorination on proteolytic stability of peptides: a case study with $\alpha$ -chymotrypsin and pepsin. <i>Amino Acids</i> , 2014, 46, 2733-2744.	1.2	36
12	Truly Target-Focused Pharmacophore Modeling: A Novel Tool for Mapping Intermolecular Surfaces. <i>Molecules</i> , 2018, 23, 1959.	1.7	31
13	Arginase Structure and Inhibition: Catalytic Site Plasticity Reveals New Modulation Possibilities. <i>Scientific Reports</i> , 2017, 7, 13616.	1.6	30
14	Identification of Small Molecules that Modulate Mutant p53 Condensation. <i>IScience</i> , 2020, 23, 101517.	1.9	26
15	Computational Tools for In Silico Fragment-Based Drug Design. <i>Current Topics in Medicinal Chemistry</i> , 2012, 12, 1935-1943.	1.0	25
16	Impact of fluorination on proteolytic stability of peptides in human blood plasma. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 3542-3546.	1.4	22
17	Pyrazolo[4,3-c]isoquinolines as potential inhibitors of NF- $\kappa$ B activation. <i>Biochemical Pharmacology</i> , 2010, 79, 1462-1472.	2.0	21
18	Tailored Presentation of Carbohydrates on a Coiled Coil-Based Scaffold for Asialoglycoprotein Receptor Targeting. <i>ACS Chemical Biology</i> , 2015, 10, 2065-2072.	1.6	21

#	ARTICLE	IF	CITATIONS
19	Computationally Empowered Workflow Identifies Novel Covalent Allosteric Binders for KRAS <sup>G12C</sup> . ChemMedChem, 2020, 15, 827-832.	1.6	20
20	3D-QSAR, design, synthesis and characterization of trisubstituted harmine derivatives with in vitro antiproliferative properties. European Journal of Medicinal Chemistry, 2015, 94, 45-55.	2.6	19
21	From carbohydrates to drug-like fragments: Rational development of novel $\alpha$ -amylase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 6725-6732.	1.4	18
22	Design, synthesis, inhibition studies, and molecular modeling of pepstatin analogues addressing different secreted aspartic proteinases of Candida albicans. Biochemical Pharmacology, 2013, 85, 881-887.	2.0	17
23	Identification of PPAR $\beta$ Agonists from Natural Sources Using Different In Silico Approaches. Planta Medica, 2015, 81, 488-494.	0.7	17
24	Anti-virulence Strategy against Brucella suis: Synthesis, Biological Evaluation and Molecular Modeling of Selective Histidinol Dehydrogenase Inhibitors. Organic and Biomolecular Chemistry, 2011, 9, 3681.	1.5	16
25	Synthesis, Biological Evaluation, and Docking Studies of New 2-Furylbenzimidazoles as Anti-Angiogenic Agents: Part II. Archiv Der Pharmazie, 2014, 347, 291-304.	2.1	15
26	KinFragLib: Exploring the Kinase Inhibitor Space Using Subpocket-Focused Fragmentation and Recombination. Journal of Chemical Information and Modeling, 2020, 60, 6081-6094.	2.5	15
27	Synthesis, crystallographic characterization, molecular docking and biological activity of isoquinoline derivatives. Chemistry Central Journal, 2017, 11, 103.	2.6	12
28	An Unusual Interstrand H-Bond Stabilizes the Heteroassembly of Helical $\alpha$ - $\beta$ -Chimeras with Natural Peptides. ACS Chemical Biology, 2014, 9, 613-616.	1.6	10
29	A Simple Synthesis of D-Galactono-1,4-Lactone and Key Building Blocks for the Preparation of Galactofuranosides. Journal of Carbohydrate Chemistry, 2011, 30, 605-617.	0.4	9
30	$\alpha$ - and $\beta$ -Amino Acids at $\alpha$ -Helical Interfaces: Toward the Formation of Highly Stable Foldameric Coiled Coils. ACS Medicinal Chemistry Letters, 2014, 5, 1300-1303.	1.3	8
31	Discovery of Sanggenon G as a natural cell-permeable small-molecular weight inhibitor of X-linked inhibitor of apoptosis protein (XIAP). FEBS Open Bio, 2014, 4, 659-671.	1.0	8
32	$\alpha$ -Amylase Modulation: Discovery of Inhibitors Using a Multi-Pharmacophore Approach for Virtual Screening. ChemMedChem, 2016, 11, 2372-2377.	1.6	5
33	Coiled-Coils in Phage Display Screening: Insight into Exceptional Selectivity Provided by Molecular Dynamics. Journal of Chemical Information and Modeling, 2015, 55, 495-500.	2.5	2
34	Balancing selectivity vs stability using molecular dynamics and umbrella sampling. Journal of Cheminformatics, 2014, 6, O22.	2.8	0