JÃ©rÃ©mie Mortier

List of Publications by Year
in descending order

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	Identification of Small Molecules that Modulate Mutant p53 Condensation. IScience, 2020, 23, 101517.	1.9	26
2	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
3	Computationally Empowered Workflow Identifies Novel Covalent Allosteric Binders for KRAS^{G12C}. ChemMedChem, 2020, 15, 827-832.	1.6	20
4	Truly Target-Focused Pharmacophore Modeling: A Novel Tool for Mapping Intermolecular Surfaces. Molecules, 2018, 23, 1959.	1.7	31
5	Arginase Structure and Inhibition: Catalytic Site Plasticity Reveals New Modulation Possibilities. Scientific Reports, 2017, 7, 13616.	1.6	30
6	Synthesis, crystallographic characterization, molecular docking and biological activity of isoquinoline derivatives. Chemistry Central Journal, 2017, 11, 103.	2.6	12
7	Î±â€Amylase Modulation: Discovery of Inhibitors Using a Multiâ€Pharmacophore Approach for Virtual Screening. ChemMedChem, 2016, 11, 2372-2377.	1.6	5
8	More than a look into a crystal ball: protein structure elucidation guided by molecular dynamics simulations. Drug Discovery Today, 2016, 21, 1799-1805.	3.2	41
9	Anthocyanin composition, antioxidant efficiency, and Î±-amylase inhibitor activity of different Hungarian sour cherry varieties (Prunus cerasus L.). Food Chemistry, 2016, 194, 222-229.	4.2	93
10	Computational close up on proteinâ€“protein interactions: how to unravel the invisible using molecular dynamics simulations?. Wiley Interdisciplinary Reviews: Computational Molecular Science, 2015, 5, 345-359.	6.2	45
11	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
12	The impact of molecular dynamics on drug design: applications for the characterization of ligandâ€“macromolecule complexes. Drug Discovery Today, 2015, 20, 686-702.	3.2	171
13	3D-QSAR, design, synthesis and characterization of trisubstituted harmine derivatives with inÂvitro antiproliferative properties. European Journal of Medicinal Chemistry, 2015, 94, 45-55.	2.6	19
14	Tailored Presentation of Carbohydrates on a Coiled Coil-Based Scaffold for Asialoglycoprotein Receptor Targeting. ACS Chemical Biology, 2015, 10, 2065-2072.	1.6	21
15	Identification of PPARÎ³ Agonists from Natural Sources Using Different In Silico Approaches. Planta Medica, 2015, 81, 488-494.	0.7	17
16	From carbohydrates to drug-like fragments: Rational development of novel Î±-amylase inhibitors. Bioorganic and Medicinal Chemistry, 2015, 23, 6725-6732.	1.4	18
17	Î²- and Î³-Amino Acids at Î±-Helical Interfaces: Toward the Formation of Highly Stable Foldameric Coiled Coils. ACS Medicinal Chemistry Letters, 2014, 5, 1300-1303.	1.3	8
18	Synthesis, Biological Evaluation, and Docking Studies of New 2â€Furylbenzimidazoles as Antiâ€Angiogenic Agents: Part II. Archiv Der Pharmazie, 2014, 347, 291-304.	2.1	15

#	Article	IF	Citations
19	Synthesis, biological activity and structureâ€“activity relationships of new benzoic acid-based protein tyrosine phosphatase inhibitors endowed with insulinomimetic effects in mouse C2C12 skeletal muscle cells. European Journal of Medicinal Chemistry, 2014, 71, 112-127.	2.6	47
20	Impact of fluorination on proteolytic stability of peptides: a case study with Î±-chymotrypsin and pepsin. Amino Acids, 2014, 46, 2733-2744.	1.2	36
21	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. European Journal of Medicinal Chemistry, 2014, 86, 122-132.	2.6	110
22	Inhibitory potency of flavonoid derivatives on influenza virus neuraminidase. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 4312-4317.	1.0	47
23	Discovery of Sanggenon G as a natural cellâ€permeable smallâ€molecular weight inhibitor of Xâ€linked inhibitor of apoptosis protein (XIAP). FEBS Open Bio, 2014, 4, 659-671.	1.0	8
24	Balancing selectivity vs stability using molecular dynamics and umbrella sampling. Journal of Cheminformatics, 2014, 6, O22.	2.8	0
25	An Unusual Interstrand H-Bond Stabilizes the Heteroassembly of Helical Î±Î²Î³-Chimeras with Natural Peptides. ACS Chemical Biology, 2014, 9, 613-616.	1.6	10
26	Design, synthesis and structureâ€“activity relationship of novel quinoxaline derivatives as cancer chemopreventive agent by inhibition of tyrosine kinase receptor. European Journal of Medicinal Chemistry, 2013, 69, 115-124.	2.6	38
27	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
28	Impact of fluorination on proteolytic stability of peptides in human blood plasma. Bioorganic and Medicinal Chemistry, 2013, 21, 3542-3546.	1.4	22
29	Computational Tools for In Silico Fragment-Based Drug Design. Current Topics in Medicinal Chemistry, 2012, 12, 1935-1943.	1.0	25
30	In silico virtual screening approaches for anti-viral drug discovery. Drug Discovery Today: Technologies, 2012, 9, e219-e225.	4.0	67
31	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
32	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
33	Pyrazolo[4,3-c]isoquinolines as potential inhibitors of NF-ÎºB activation. Biochemical Pharmacology, 2010, 79, 1462-1472.	2.0	21
34	NF-ÎºB inducing kinase (NIK) inhibitors: Identification of new scaffolds using virtual screening. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 4515-4520.	1.0	51