Alberto Massarotti

List of Publications by Year
in descending order

57	2,213	279798	223800
papers	citations	23 h-index	46 g-index

64	64	64	3584
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The SNAP-tag technology revised: an effective chemo-enzymatic approach by using a universal azide-based substrate. Journal of Enzyme Inhibition and Medicinal Chemistry, 2021, 36, 85-97.	5.2	6
2	Therapeutic peptides for the treatment of cystic fibrosis: Challenges and perspectives. European Journal of Medicinal Chemistry, 2021, 213, 113191.	5.5	8
3	Whatâ€™s in a Name? Drug Nomenclature and Medicinal Chemistry Trends using INN Publications. Journal of Medicinal Chemistry, 2021, 64, 4410-4429.	6.4	11
4	Medicinal Chemistry of Isocyanides. Chemical Reviews, 2021, 121, 10742-10788.	47.7	71
5	The [1,2,4]Triazolo[4,3â€a]pyridine as a New Player in the Field of IDO1 Catalytic Holoâ€Inhibitors. ChemMedChem, 2021, 16, 3439-3450.	3.2	4
6	Investigation of the Click-Chemical Space for Drug Design Using ZINClick. Methods in Molecular Biology, 2021, 2266, 3-10.	0.9	2
7	PI(3,4)P2-mediated cytokinetic abscission prevents early senescence and cataract formation. Science, 2021, 374, eabk0410.	12.6	37
8	Bio-Inspired Dual-Selective BCL-2/c-MYC G-Quadruplex Binders: Design, Synthesis, and Anticancer Activity of Drug-like Imidazo[2,1-i]purine Derivatives. Journal of Medicinal Chemistry, 2020, 63, 2035-2050.	6.4	35
9	Structure activity relationship studies on Amb639752: toward the identification of a common pharmacophoric structure for DGKÎ± inhibitors. Journal of Enzyme Inhibition and Medicinal Chemistry, 2020, 35, 96-108.	5.2	20
10	Photocatalytic Isocyanide-Based Multicomponent Domino Cascade toward the Stereoselective Formation of Iminofurans. Journal of Organic Chemistry, 2020, 85, 1981-1990.	3.2	20
11	Psychotropic Drugs Show Anticancer Activity by Disrupting Mitochondrial and Lysosomal Function. Frontiers in Oncology, 2020, 10, 562196.	2.8	23
12	Discovery of Highly Potent Benzimidazole Derivatives as Indoleamine 2,3-Dioxygenase-1 (IDO1) Inhibitors: From Structure-Based Virtual Screening to in Vivo Pharmacodynamic Activity. Journal of Medicinal Chemistry, 2020, 63, 3047-3065.	6.4	40
13	Essential Medicinal Chemistry of Essential Medicines. Journal of Medicinal Chemistry, 2020, 63, 10170-10187.	6.4	19
14	Synthesis, Docking and Biological Evaluation of a Novel Class of Imidazothiazoles as IDO1 Inhibitors. Molecules, 2019, 24, 1874.	3.8	18
15	ZINClick v.18: Expanding Chemical Space of 1,2,3-Triazoles. Journal of Chemical Information and Modeling, 2019, 59, 1697-1702.	5.4	7
16	Identification of a novel DGKÎ± inhibitor for XLP-1 therapy by virtualÂscreening. European Journal of Medicinal Chemistry, 2019, 164, 378-390.	5.5	19
17	A multicomponent approach in the discovery of indoleamine 2,3-dioxygenase 1 inhibitors: Synthesis, biological investigation and docking studies. Bioorganic and Medicinal Chemistry Letters, 2018, 28, 651-657.	2.2	24
18	The hitchhikerâ€™s guide to the chemical-biological galaxy. Drug Discovery Today, 2018, 23, 565-574.	6.4	27

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19	Crystal structure of a thermophilic O6-alkylguanine-DNA alkyltransferase-derived self-labeling protein-tag in covalent complex with a fluorescent probe. Biochemical and Biophysical Research Communications, 2018, 500, 698-703.	2.1	12
20	Rational Discovery of (+) (S) Abscisic Acid as a Potential Antifungal Agent: a Repurposing Approach. Scientific Reports, 2018, 8, 8565.	3.3	14
21	Chemical-Biology Space Explorationâ€¦ To Go Where No Drug Has Gone Before!. , 2018, , .		0
22	Identification of Novel Triazole-Based Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors Endowed with Antiproliferative and Antiinflammatory Activity. Journal of Medicinal Chemistry, 2017, 60, 1768-1792.	6.4	49
23	Structural investigations on orotate phosphoribosyltransferase from Mycobacterium tuberculosis, a key enzyme of the de novo pyrimidine biosynthesis. Scientific Reports, 2017, 7, 1180.	3.3	23
24	To each his own: isonitriles for all flavors. Functionalized isocyanides as valuable tools in organic synthesis. Chemical Society Reviews, 2017, 46, 1295-1357.	38.1	327
25	Identification of a Potent Phosphoinositide 3â€Kinase Pan Inhibitor Displaying a Strategic Carboxylic Acid Group and Development of Its Prodrugs. ChemMedChem, 2017, 12, 1542-1554.	3.2	20
26	Interdomain interactions rearrangements control the reaction steps of a thermostable DNA alkyltransferase. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 86-96.	2.4	18
27	The adverse outcome pathway (<scp>AOP</scp>) for chemical binding to tubulin in oocytes leading to aneuploid offspring. Environmental and Molecular Mutagenesis, 2016, 57, 87-113.	2.2	25
28	Structural biology in antiviral drug discovery. Current Opinion in Pharmacology, 2016, 30, 116-130.	3.5	9
29	The metal face of protein tyrosine phosphatase 1B. Coordination Chemistry Reviews, 2016, 327-328, 70-83.	18.8	73
30	An in-silico approach aimed to clarify the role of Y181C and K103N HIV-1 reverse transcriptase mutations versus Indole Aryl Sulphones. Journal of Molecular Graphics and Modelling, 2016, 63, 49-56.	2.4	4
31	The Guareschi Pyridine Scaffold as a Valuable Platform for the Identification of Selective PI3K Inhibitors. Molecules, 2015, 20, 17275-17287.	3.8	5
32	Crystal structure of human nicotinic acid phosphoribosyltransferase. FEBS Open Bio, 2015, 5, 419-428.	2.3	22
33	Design, Synthesis, and Biological Evaluation of Combretabenzodiazepines: A Novel Class of Anti-Tubulin Agents. Journal of Medicinal Chemistry, 2015, 58, 1345-1357.	6.4	35
34	Multicomponent Reaction of Z-Chlorooximes, Isocyanides, and Hydroxylamines as Hypernucleophilic Traps. A One-Pot Route to Aminodioximes and Their Transformation into 5-Amino-1,2,4-oxadiazoles by Mitsunobuâ€“Beckmann Rearrangement. Journal of Organic Chemistry, 2015, 80, 9652-9661.	3.2	21
35	ZINClick: A Database of 16 Million Novel, Patentable, and Readily Synthesizable 1,4-Disubstituted Triazoles. Journal of Chemical Information and Modeling, 2014, 54, 396-406.	5.4	22
36	Zinc ions modulate protein tyrosine phosphatase 1B activity. Metallomics, 2014, 6, 1229-1239.	2.4	90

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37	Solution-Phase Parallel Synthesis of Aryloxyimino Amides via a Novel Multicomponent Reaction among Aromatic (Z)-Chlorooximes, Isocyanides, and Electron-Deficient Phenols. ACS Combinatorial Science, 2014, 16, 602-605.	3.8	9
38	Are 1,4â€•and 1,5â€Disubstituted 1,2,3â€Triazoles Good Pharmacophoric Groups?. ChemMedChem, 2014, 9, 2497-2508.	3.2	118
39	Small Molecule Inhibitors of West Nile Virus. Antiviral Chemistry and Chemotherapy, 2014, 23, 179-187.	0.6	5
40	Computer-aided identification, design and synthesis of a novel series of compounds with selective antiviral activity against chikungunya virus. Antiviral Research, 2013, 98, 12-18.	4.1	87
41	Medicinal Chemistry of Nicotinamide Phosphoribosyltransferase (NAMPT) Inhibitors. Journal of Medicinal Chemistry, 2013, 56, 6279-6296.	6.4	121
42	A Concise Synthesis of Pyrazole Analogues of Combretastatinâ€…A1 as Potent Antiâ€Tubulin Agents. ChemMedChem, 2013, 8, 633-643.	3.2	30
43	Parallel Synthesis of â€œClickâ€•Chalcones as Antitubulin Agents. Medicinal Chemistry, 2013, 9, 510-516.	1.5	14
44	De novo computer-aided design of novel antiviral agents. Drug Discovery Today: Technologies, 2012, 9, e213-e218.	4.0	2
45	Haptic-driven applications to molecular modeling: state-of-the-art and perspectives. Future Medicinal Chemistry, 2012, 4, 1219-1228.	2.3	11
46	The Tubulin Colchicine Domain: a Molecular Modeling Perspective. ChemMedChem, 2012, 7, 33-42.	3.2	138
47	Regioselective Suzuki Coupling of Dihaloheteroaromatic Compounds as a Rapid Strategy To Synthesize Potent Rigid Combretastatin Analogues. Journal of Medicinal Chemistry, 2011, 54, 4977-4986.	6.4	86
48	Groebke multicomponent reaction and subsequent nucleophilic aromatic substitution for a convenient synthesis of 3,8-diaminoimidazo[1,2-a]pyrazines as potential kinase inhibitors. Organic and Biomolecular Chemistry, 2011, 9, 4144.	2.8	15
49	Replacement of the double bond of antitubulin chalcones with triazoles and tetrazoles: Synthesis and biological evaluation. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 764-768.	2.2	45
50	Identification of Novel Antitubulin Agents by Using a Virtual Screening Approach Based on a 7â€Point Pharmacophore Model of the Tubulin Colchiâ€Site. Chemical Biology and Drug Design, 2011, 78, 913-922.	3.2	25
51	A Practical Synthesis of 5-Aroyl-1-aryltetrazoles Using an Ugi-Like 4-Component Reaction Followed by a Biomimetic Transamination. Synthesis, 2010, 2010, 4107-4118.	2.3	6
52	Descriptive structureâ€“separation relationship studies in chiral ligandâ€exchange chromatography. Journal of Separation Science, 2008, 31, 2395-2403.	2.5	14
53	Solution-Phase Parallel Synthesis and Biological Evaluation of Combretatriazoles. ACS Combinatorial Science, 2008, 10, 732-740.	3.3	47
54	Molecular Field Analysis and 3D-Quantitative Structureâ^'Activity Relationship Study (MFA 3D-QSAR) Unveil Novel Features of Bile Acid Recognition at TGR5. Journal of Chemical Information and Modeling, 2008, 48, 1792-1801.	5.4	23

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55	Broad Tuning of the Human Bitter Taste Receptor hTAS2R46 to Various Sesquiterpene Lactones, Clerodane and Labdane Diterpenoids, Strychnine, and Denatonium. Journal of Agricultural and Food Chemistry, 2007, 55, 6236-6243.	5.2	172
56	Estrogenic Analogues Synthesized by Click Chemistry. ChemMedChem, 2007, 2, 437-440.	3.2	38
57	Synthesis and Cytotoxic Evaluation of Combretafurans, Potential Scaffolds for Dual-Action Antitumoral Agents. Journal of Medicinal Chemistry, 2006, 49, 5372-5376.	6.4	47