

J Mark F Gardner

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,314
citations

686830

13
h-index

940134

16
g-index

21
all docs

21
docs citations

21
times ranked

1118
citing authors

#	ARTICLE	IF	CITATIONS
1	Combinatorial synthesis – the design of compound libraries and their application to drug discovery. <i>Tetrahedron</i> , 1995, 51, 8135-8173.	1.0	658
2	Toward the semiquantitative estimation of binding constants. Guides for peptide-peptide binding in aqueous solution. <i>Journal of the American Chemical Society</i> , 1991, 113, 7020-7030.	6.6	205
3	Self-assembly of zinc aminoporphyrins. <i>New Journal of Chemistry</i> , 1999, 23, 309.	1.4	69
4	<i>Staphylococcus aureus</i> haem biosynthesis: characterisation of the enzymes involved in final steps of the pathway. <i>Molecular Microbiology</i> , 2015, 97, 472-487.	1.2	66
5	Novel Amino-pyrazole Ureas with Potent In Vitro and In Vivo Antileishmanial Activity. <i>Journal of Medicinal Chemistry</i> , 2015, 58, 9615-9624.	2.9	52
6	Origins of stereoselectivity in chiral boron enolate aldol reactions: A computational study using transition state modellings. <i>Tetrahedron</i> , 1991, 47, 3471-3484.	1.0	46
7	The combinatorial synthesis of a 30,752-compound library: discovery of SAR around the endothelin antagonist, FR-139,317. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1995, 5, 917-922.	1.0	44
8	High Throughput Screening Identifies Novel Lead Compounds with Activity against Larval, Juvenile and Adult <i>Schistosoma mansoni</i> . <i>PLoS Neglected Tropical Diseases</i> , 2016, 10, e0004659.	1.3	35
9	Origins of stereoselectivity in the addition of chiral allyl- and crotylboranes to aldehydes: the development and application of a force field model of the transition state. <i>Journal of Organic Chemistry</i> , 1993, 58, 1711-1718.	1.7	29
10	The application of non-combinatorial chemistry to lead discovery. <i>Drug Discovery Today</i> , 2001, 6, 779-785.	3.2	27
11	Drug Discovery by Combinatorial Chemistry – the Development of a Novel Method for the Rapid Synthesis of Single Compounds. <i>Chemistry - A European Journal</i> , 1997, 3, 1917-1920.	1.7	21
12	MAIP: a web service for predicting blood-stage malaria inhibitors. <i>Journal of Cheminformatics</i> , 2021, 13, 13.	2.8	20
13	Developing a force field for the transition state of the aldol reaction of enolborinates: Evaluation of the use of fixed point charges. <i>Tetrahedron</i> , 1992, 48, 4183-4192.	1.0	18
14	The discovery of a novel series of compounds with single-dose efficacy against juvenile and adult <i>Schistosoma</i> species. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009490.	1.3	11
15	Discovery of a series of potent and selective human H4 antagonists using ligand efficiency and libraries to explore structure-activity relationship (SAR). <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 6591-6595.	1.0	6
16	Use of libraries to access new chemical space: Applications to CRTH2. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2012, 22, 3682-3687.	1.0	3
17	Thermodynamics of Side Chain Internal Rotations – Effects on Protein Structure and Stability. , 1993, , 557-566.		3
18	Molecular Basis of the Activity of Antibiotics of the Vancomycin Group: Guides for Peptide-Peptide Binding. , 1990, , 101-113.		0

#	ARTICLE	IF	CITATIONS
19	Identification of HCV Inhibitors from a Cell-Based Sub-Genomic Replicon Screen. Open Journal of Medicinal Chemistry, 2013, 03, 16-25.	0.7	0