

Mikko J Vainio

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1919192/publications.pdf>

Version: 2024-02-01

11
papers

852
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1424
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating Conformer Ensembles Using a Multiobjective Genetic Algorithm. <i>Journal of Chemical Information and Modeling</i> , 2007, 47, 2462-2474.	5.4	326
2	ShaEP: Molecular Overlay Based on Shape and Electrostatic Potential. <i>Journal of Chemical Information and Modeling</i> , 2009, 49, 492-502.	5.4	177
3	Binding of Phenolic Compounds and Their Derivatives to Bovine and Reindeer β -Lactoglobulin. <i>Journal of Agricultural and Food Chemistry</i> , 2008, 56, 7721-7729.	5.2	85
4	Accurate conformation-dependent molecular electrostatic potentials for high-throughput <i>in silico</i> drug discovery. <i>Journal of Computational Chemistry</i> , 2010, 31, 1722-1732.	3.3	80
5	Big pharma screening collections: more of the same or unique libraries? The AstraZeneca-Bayer Pharma AG case. <i>Drug Discovery Today</i> , 2013, 18, 1014-1024.	6.4	58
6	Similarity Based Virtual Screening: A Tool for Targeted Library Design. <i>Journal of Medicinal Chemistry</i> , 2006, 49, 2353-2356.	6.4	35
7	Scaffold Hopping by Fragment Replacement. <i>Journal of Chemical Information and Modeling</i> , 2013, 53, 1825-1835.	5.4	31
8	McQSAR: A Multiconformational Quantitative Structure-Activity Relationship Engine Driven by Genetic Algorithms. <i>Journal of Chemical Information and Modeling</i> , 2005, 45, 1953-1961.	5.4	23
9	Automated Recycling of Chemistry for Virtual Screening and Library Design. <i>Journal of Chemical Information and Modeling</i> , 2012, 52, 1777-1786.	5.4	18
10	Algorithmic Analysis of Cahn-Ingold-Prelog Rules of Stereochemistry: Proposals for Revised Rules and a Guide for Machine Implementation. <i>Journal of Chemical Information and Modeling</i> , 2018, 58, 1755-1765.	5.4	10
11	The Binding of Synthetic Retinoids to Lipocalin β -Lactoglobulins. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 514-518.	6.4	9