

Muthukumarasamy Karthikeyan

List of Publications by Year in descending order

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12
papers

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1478505

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13
docs citations

13
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156
citing authors

#	ARTICLE	IF	CITATIONS
1	Spirochromone-chalcone conjugates as antitubercular agents: synthesis, bio evaluation and molecular modeling studies. RSC Advances, 2015, 5, 106448-106460.	3.6	30
2	Assessing therapeutic potential of molecules: molecular property diagnostic suite for tuberculosis $\mathbf{MPDS}^{\mathbf{TB}}$ (MPDS TB). Journal of Chemical Sciences, 2017, 129, 515-531.	1.5	20
3	Encoding and Decoding Graphical Chemical Structures as Two-Dimensional (PDF417) Barcodes. Journal of Chemical Information and Modeling, 2005, 45, 572-580.	5.4	18
4	Transition metal free regio-selective C-H hydroxylation of chromanones towards the synthesis of hydroxyl-chromanones using $\text{PhI}(\text{OAc})_2$ as the oxidant. Chemical Communications, 2018, 54, 2252-2255.	4.1	17
5	Harvesting Chemical Information from the Internet Using a Distributed Approach: ChemXtreme. Journal of Chemical Information and Modeling, 2006, 46, 452-461.	5.4	14
6	Role of Open Source Tools and Resources in Virtual Screening for Drug Discovery. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 528-543.	1.1	8
7	ChemScreener: A Distributed Computing Tool for Scaffold based Virtual Screening. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 544-561.	1.1	6
8	MegaMiner: A Tool for Lead Identification Through Text Mining Using Chemoinformatics Tools and Cloud Computing Environment. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 591-603.	1.1	4
9	ChemEngine: harvesting 3D chemical structures of supplementary data from PDF files. Journal of Cheminformatics, 2016, 8, 73.	6.1	3
10	p-Nitrophenylcarbonates: A New Class of Compounds for Chemodosimetric Colorimetric Fluoride Anion Sensing Detectable by the Naked Eye. ChemistrySelect, 2019, 4, 1830-1833.	1.5	2
11	Design of Novel Drug-like Molecules Using Informatics Rich Secondary Metabolites Analysis of Indian Medicinal and Aromatic Plants. Combinatorial Chemistry and High Throughput Screening, 2020, 23, 1113-1131.	1.1	2
12	Chemoinformatics Approach for Building Molecular Networks from Marine Organisms. Combinatorial Chemistry and High Throughput Screening, 2015, 18, 673-684.	1.1	1