

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