

Ranjan Srivastava

List of Publications by Year in descending order

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16
papers

597
citations

1162889

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h-index

996849

15
g-index

17
all docs

17
docs citations

17
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Trends in Solid Adsorbent Materials Development for CO ₂ Capture. ACS Applied Materials & Interfaces, 2019, 11, 34533-34559.	4.0	215
2	Machine Learning Using Combined Structural and Chemical Descriptors for Prediction of Methane Adsorption Performance of Metal Organic Frameworks (MOFs). ACS Combinatorial Science, 2017, 19, 640-645.	3.8	158
3	Low-abundant bacteria drive compositional changes in the gut microbiota after dietary alteration. Microbiome, 2018, 6, 86.	4.9	82
4	Comprehensive Analysis of Aspergillus nidulans PKA Phosphorylome Identifies a Novel Mode of CreA Regulation. MBio, 2019, 10, .	1.8	35
5	Impact of Chemical Features on Methane Adsorption by Porous Materials at Varying Pressures. Journal of Physical Chemistry C, 2020, 124, 4534-4544.	1.5	29
6	Semi-automated Curation of Metabolic Models via Flux Balance Analysis: A Case Study with Mycoplasma gallisepticum. PLoS Computational Biology, 2013, 9, e1003208.	1.5	15
7	Classification of Tea Aromas Using Multi-Nanoparticle Based Chemiresistor Arrays. Sensors, 2019, 19, 2547.	2.1	11
8	Enhancing iCVD Modification of Electrospun Membranes for Membrane Distillation Using a 3D Printed Scaffold. Polymers, 2020, 12, 2074.	2.0	10
9	In Silico Evolution of High-Performing Metal Organic Frameworks for Methane Adsorption. Journal of Chemical Information and Modeling, 2021, 61, 3232-3239.	2.5	9
10	Phosphoproteomic and transcriptomic analyses reveal multiple functions for Aspergillus nidulans MprA independent of cell wall stress. Fungal Genetics and Biology, 2019, 125, 1-12.	0.9	7
11	Altered secretion patterns and cell wall organization caused by loss of PodB function in the filamentous fungus Aspergillus nidulans. Scientific Reports, 2018, 8, 11433.	1.6	6
12	Dynamic Transcriptomic and Phosphoproteomic Analysis During Cell Wall Stress in Aspergillus nidulans. Molecular and Cellular Proteomics, 2020, 19, 1310-1329.	2.5	6
13	Energy-Geometry Dependency of Molecular Structures: A Multistep Machine Learning Approach. ACS Combinatorial Science, 2019, 21, 614-621.	3.8	2
14	Aspergillus nidulans Septa Are Indispensable for Surviving Cell Wall Stress. Microbiology Spectrum, 2022, 10, e0206321.	1.2	2
15	Leveraging ensemble information of evolving populations in genetic algorithms to identify incomplete metabolic pathways. , 2013, , .		1
16	Using ensemble modeling to determine causes of multifactorial disorders. , 2018, , .		0