

# Ranjan Srivastava

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

597  
citations

1162889

8  
h-index

996849

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

894  
citing authors

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