

Ian J Miller

List of Publications by Year in descending order

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13
papers

1,039
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

1894
citing authors

#	ARTICLE	IF	CITATIONS
1	Large-Scale Multi-omic Analysis of COVID-19 Severity. <i>Cell Systems</i> , 2021, 12, 23-40.e7.	6.2	438
2	Phospholipase iPLA2 ² averts ferroptosis by eliminating a redox lipid death signal. <i>Nature Chemical Biology</i> , 2021, 17, 465-476.	8.0	168
3	Microbial community response of nitrifying sequencing batch reactors to silver, zero-valent iron, titanium dioxide and cerium dioxide nanomaterials. <i>Water Research</i> , 2015, 68, 87-97.	11.3	70
4	Autometa: automated extraction of microbial genomes from individual shotgun metagenomes. <i>Nucleic Acids Research</i> , 2019, 47, e57-e57.	14.5	69
5	Learning Drug Functions from Chemical Structures with Convolutional Neural Networks and Random Forests. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 4438-4449.	5.4	61
6	The NCI Genomic Data Commons. <i>Nature Genetics</i> , 2021, 53, 257-262.	21.4	52
7	A large-scale genome-wide lipid association map guides lipid identification. <i>Nature Metabolism</i> , 2020, 2, 1149-1162.	11.9	43
8	Lack of Overt Genome Reduction in the Bryostatin-Producing Bryozoan Symbiont <i>Candidatus Endobugula sertula</i> . <i>Applied and Environmental Microbiology</i> , 2016, 82, 6573-6583.	3.1	41
9	Real-time health monitoring through urine metabolomics. <i>Npj Digital Medicine</i> , 2019, 2, 109.	10.9	39
10	Quantitative Structure Retention Relationship Models in an Analytical Quality by Design Framework: Simultaneously Accounting for Compound Properties, Mobile-Phase Conditions, and Stationary-Phase Properties. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 12269-12284.	3.7	28
11	Argonaut: A Web Platform for Collaborative Multi-omic Data Visualization and Exploration. <i>Patterns</i> , 2020, 1, 100122.	5.9	18
12	Omics Technologies to Understand Activation of a Biosynthetic Gene Cluster in <i>Micromonospora</i> sp. WMMB235: Deciphering Keyicin Biosynthesis. <i>ACS Chemical Biology</i> , 2019, 14, 1260-1270.	3.4	8
13	Structural dissection of sequence recognition and catalytic mechanism of human LINE-1 endonuclease. <i>Nucleic Acids Research</i> , 2021, 49, 11350-11366.	14.5	4