

Chen Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

3,509
citations

623574

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h-index

610775

24
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all docs

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docs citations

24
times ranked

5904
citing authors

#	ARTICLE	IF	CITATIONS
1	Sharing and community curation of mass spectrometry data with Global Natural Products Social Molecular Networking. <i>Nature Biotechnology</i> , 2016, 34, 828-837.	9.4	2,802
2	A Convolutional Neural Network-Based Approach for the Rapid Annotation of Molecularly Diverse Natural Products. <i>Journal of the American Chemical Society</i> , 2020, 142, 4114-4120.	6.6	114
3	The value of universally available raw NMR data for transparency, reproducibility, and integrity in natural product research. <i>Natural Product Reports</i> , 2019, 36, 35-107.	5.2	92
4	Anchoring anions with metal-organic framework-functionalized separators for advanced lithium batteries. <i>Nanoscale Horizons</i> , 2019, 4, 705-711.	4.1	71
5	Bastimolide A, a Potent Antimalarial Polyhydroxy Macrolide from the Marine Cyanobacterium <i>Okeania hirsuta</i> . <i>Journal of Organic Chemistry</i> , 2015, 80, 7849-7855.	1.7	68
6	Small Molecule Accurate Recognition Technology (SMART) to Enhance Natural Products Research. <i>Scientific Reports</i> , 2017, 7, 14243.	1.6	67
7	Electrolyte Interphase Built from Anionic Covalent Organic Frameworks for Lithium Dendrite Suppression. <i>Advanced Functional Materials</i> , 2021, 31, 2009718.	7.8	43
8	Designing Hollow Nano Gold Golf Balls. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 9937-9941.	4.0	32
9	Magnetically-responsive silica-gold nanobowls for targeted delivery and SERS-based sensing. <i>Nanoscale</i> , 2016, 8, 11840-11850.	2.8	27
10	High-Conductivity-Dispersibility Graphene Made by Catalytic Exfoliation of Graphite for Lithium-Ion Battery. <i>Advanced Functional Materials</i> , 2021, 31, 2007630.	7.8	26
11	Class of Solid-like Electrolytes for Rechargeable Batteries Based on Metal-Organic Frameworks Infiltrated with Liquid Electrolytes. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 43824-43832.	4.0	25
12	Synthesis of nano-bowls with a Janus template. <i>Nanoscale</i> , 2015, 7, 771-775.	2.8	22
13	Pagoamide A, a Cyclic Depsipeptide Isolated from a Cultured Marine Chlorophyte, <i>Derbesia</i> sp., Using MS/MS-Based Molecular Networking. <i>Journal of Natural Products</i> , 2020, 83, 617-625.	1.5	22
14	Laucysteinamide A, a Hybrid PKS/NRPS Metabolite from a Saipan Cyanobacterium, cf. <i>Caldora penicillata</i> . <i>Marine Drugs</i> , 2017, 15, 121.	2.2	18
15	Electrolyte Modulators toward Polarization-Mitigated Lithium-Ion Batteries for Sustainable Electric Transportation. <i>Advanced Materials</i> , 2022, 34, e2107787.	11.1	15
16	Samholides, Swinholide-Related Metabolites from a Marine Cyanobacterium cf. <i>Phormidium</i> sp.. <i>Journal of Organic Chemistry</i> , 2018, 83, 3034-3046.	1.7	12
17	Asymmetric Colloidal Janus Particle Formation Is Core-Size-Dependent. <i>Langmuir</i> , 2015, 31, 9148-9154.	1.6	11
18	SMART-Miner: A convolutional neural network-based metabolite identification from ¹ H- ¹³ C HSQC spectra. <i>Magnetic Resonance in Chemistry</i> , 2022, 60, 1070-1075.	1.1	10

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19	Carboxylated nanodiamonds inhibit $\hat{1}^3$ -irradiation damage of human red blood cells. <i>Nanoscale</i> , 2016, 8, 7189-7196.	2.8	9
20	Energetically Biased DNA Motor Containing a Thermodynamically Stable Partial Strand Displacement State. <i>Langmuir</i> , 2014, 30, 14073-14078.	1.6	7
21	Dual-Functionalized Theranostic Nanocarriers. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 14740-14746.	4.0	7
22	High-Performance Battery Separator Made by Thermally Activated Metal-Organic Frameworks. <i>ACS Applied Energy Materials</i> , 2022, 5, 5519-5524.	2.5	6
23	Total Synthesis of Laucysteinamide A, a Monomeric Congener of Somocystinamide A. <i>Journal of Natural Products</i> , 2021, 84, 865-870.	1.5	2