

Rajshree Ghosh Biswas

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

646
citations

1307594

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docs citations

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613
citing authors

#	ARTICLE	IF	CITATIONS
1	DREAMTIME NMR Spectroscopy: Targeted Multi-Compound Selection with Improved Detection Limits. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	13
2	Exploring the Applications of Carbon-Detected NMR in Living and Dead Organisms Using a ¹³ C-Optimized Comprehensive Multiphase NMR Probe. <i>Analytical Chemistry</i> , 2022, 94, 8756-8765.	6.5	8
3	A new perspective on the photocatalytic action of titanium dioxide on phenol elucidated using comprehensive multiphase NMR. <i>Nanoscale</i> , 2022, 14, 9869-9876.	5.6	3
4	A ubiquitous tire rubber-derived chemical induces acute mortality in coho salmon. <i>Science</i> , 2021, 371, 185-189.	12.6	504
5	Towards real-time kinetic monitoring of wastewater treatment: A case study of sunlight and ozone treatment of unconcentrated wastewater using flow NMR. <i>Chemical Engineering Journal</i> , 2021, 405, 126696.	12.7	10
6	Titrate over the Internet: An Open-Source Remote-Control Titration Unit for All Students. <i>Journal of Chemical Education</i> , 2021, 98, 1037-1042.	2.3	16
7	Expanding current applications and permitting the analysis of larger intact samples by means of a 7 mm ¹ H NMR probe. <i>Analyst</i> , 2021, 146, 4461-4472.	3.5	6
8	Comprehensive Multiphase NMR Probehead with Reduced Radiofrequency Heating Improves the Analysis of Living Organisms and Heat-Sensitive Samples. <i>Analytical Chemistry</i> , 2021, 93, 10326-10333.	6.5	7
9	Flow-based <i>in vivo</i> NMR spectroscopy of small aquatic organisms. <i>Magnetic Resonance in Chemistry</i> , 2020, 58, 411-426.	1.9	12
10	Direct Conversion of McDonald's Waste Cooking Oil into a Biodegradable High-Resolution 3D-Printing Resin. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 1171-1177.	6.7	42
11	Exploring the Maker Culture in Chemistry: Making an Affordable Thermal Imaging System for Reaction Visualization. <i>Journal of Chemical Education</i> , 2020, 97, 3887-3891.	2.3	6
12	Ex vivo Comprehensive Multiphase NMR of whole organisms: A complementary tool to <i>in vivo</i> NMR. <i>Analytica Chimica Acta: X</i> , 2020, 6, 100051.	1.0	16
13	DREAMTIME NMR Spectroscopy: Targeted Multi-Compound Selection with Improved Detection Limits. <i>Angewandte Chemie</i> , 0, , .	2.0	3