

Shatadru Chakravarty

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

364
citations

933447

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h-index

888059

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19
docs citations

19
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-walled carbon nanotube supported manganese selenide as a highly active bifunctional OER and ORR electrocatalyst. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6772-6784.	10.3	67
2	Intraductal Delivery and X-ray Visualization of Ethanol-Based Ablative Solution for Prevention and Local Treatment of Breast Cancer in Mouse Models. <i>Journal of Visualized Experiments</i> , 2022, .	0.3	2
3	Design Considerations to Facilitate Clinical Radiological Evaluation of Implantable Biomedical Structures. <i>ACS Biomaterials Science and Engineering</i> , 2021, 7, 718-726.	5.2	8
4	Cobalt Telluride: A Highly Efficient Trifunctional Electrocatalyst for Water Splitting and Oxygen Reduction. <i>ACS Applied Energy Materials</i> , 2021, 4, 8158-8174.	5.1	36
5	Amphiphilic DTPA Multimer Assembled on Icosahedral Closo-Borane Motif as High-Performance MRI Blood Pool Contrast Agent. <i>ACS Applied Bio Materials</i> , 2021, 4, 6658-6663.	4.6	1
6	Magnets, Magnetism, and Magnetic Resonance Imaging: History, Basics, Clinical Aspects, and Future Directions. <i>Studies in Systems, Decision and Control</i> , 2021, , 135-161.	1.0	1
7	Tantalum oxide nanoparticles as versatile contrast agents for X-ray computed tomography. <i>Nanoscale</i> , 2020, 12, 7720-7734.	5.6	39
8	Complex Relationship between Iron Oxide Nanoparticle Degradation and the Signal Intensity in Magnetic Particle Imaging. <i>ACS Applied Nano Materials</i> , 2020, 3, 3991-3999.	5.0	18
9	Abstract 26: Intraductal procedure with refined ethanol-containing ablative solution for primary prevention of breast cancer. , 2020, , .		0
10	In vivo serial MRI of age-dependent neural progenitor cell migration in the rat brain. <i>NeuroImage</i> , 2019, 199, 153-159.	4.2	7
11	A multimeric MRI contrast agent based on a closo-borane scaffold bearing modified AAZTA chelates on the periphery. <i>Chemical Communications</i> , 2019, 55, 12348-12351.	4.1	7
12	Ductal tree ablation by local delivery of ethanol prevents tumor formation in an aggressive mouse model of breast cancer. <i>Breast Cancer Research</i> , 2019, 21, 129.	5.0	14
13	Dynamic Contrast-Enhanced MRI of OATP Dysfunction in Diabetes. <i>Diabetes</i> , 2019, 68, 271-280.	0.6	16
14	Fabrication of magnetic and fluorescent chitin and dibutylchitin sub-micron particles by oil-in-water emulsification. <i>Acta Biomaterialia</i> , 2016, 45, 276-285.	8.3	9
15	Surface engineering of bismuth nanocrystals to counter dissolution. <i>Nanoscale</i> , 2016, 8, 13217-13222.	5.6	12
16	Discrete Nanomolecular Polyhedral Borane Scaffold Supporting Multiple Gadolinium(III) Complexes as a High Performance MRI Contrast Agent. <i>Inorganic Chemistry</i> , 2013, 52, 1694-1700.	4.0	70
17	Age-dependent regional changes in the rostral migratory stream. <i>Neurobiology of Aging</i> , 2013, 34, 1873-1881.	3.1	31
18	Extensions of the Icosahedral Closo-Borane Structure by Using Azide-Alkyne Click Reactions. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 4689-4691.	13.8	21