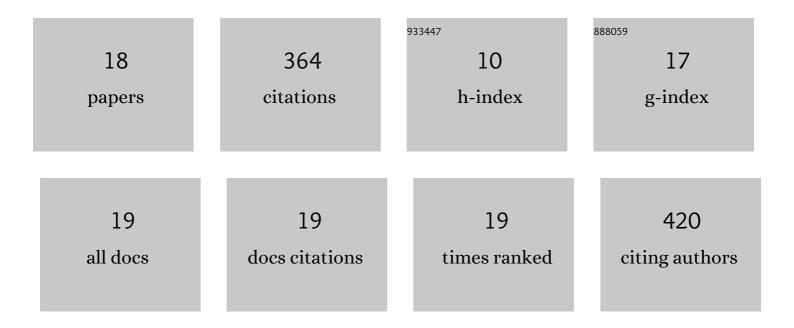
Shatadru Chakravarty

List of Publications by Year in descending order

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

prevention of breast cancer. , 2020, , .