

Abhishek Gupta

List of Publications by Year in descending order

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19
papers

347
citations

840119

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h-index

887659

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19
all docs

19
docs citations

19
times ranked

633
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications for Transition-Metal Chemistry in Contrast-Enhanced Magnetic Resonance Imaging. <i>Inorganic Chemistry</i> , 2020, 59, 6648-6678.	1.9	80
2	Delivery of polymeric nanostars for molecular imaging and endoradiotherapy through the enhanced permeability and retention (EPR) effect. <i>Theranostics</i> , 2020, 10, 567-584.	4.6	63
3	Photochemical tissue bonding with chitosan adhesive films. <i>BioMedical Engineering OnLine</i> , 2010, 9, 47.	1.3	46
4	Nanoassemblies of Gd ³⁺ -DTPA ⁴⁻ -monooleyl and glycerol monooleate amphiphiles as potential MRI contrast agents. <i>Journal of Materials Chemistry B</i> , 2014, 2, 1225.	2.9	25
5	Porous Upconversion Nanostructures as Bimodal Biomedical Imaging Contrast Agents. <i>Journal of Physical Chemistry C</i> , 2020, 124, 12168-12174.	1.5	18
6	Evaluation of Gd-DTPA-Monophytanyl and Phytantriol Nanoassemblies as Potential MRI Contrast Agents. <i>Langmuir</i> , 2015, 31, 1556-1563.	1.6	16
7	Design and preclinical evaluation of nanostars for the passive pretargeting of tumor tissue. <i>Nuclear Medicine and Biology</i> , 2020, 84-85, 63-72.	0.3	16
8	NMR imaging and diffusion. <i>Adsorption</i> , 2021, 27, 503-533.	1.4	14
9	Is It Time to Forgo the Use of the Terms "Spin-Lattice" and "Spin-Spin" Relaxation in NMR and MRI? <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 6305-6312.	2.1	13
10	Gd ³⁺ -DTPA ⁴⁻ -Dopamine ³⁺ -Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2015, 21, 13950-13960.	1.7	12
11	Dipolar relaxation revisited: A complete derivation for the two spin case. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2015, 44, 74-113.	0.2	12
12	A complete derivation of the K�rger equations for analyzing NMR diffusion measurements of exchanging systems. <i>Concepts in Magnetic Resonance Part A: Bridging Education and Research</i> , 2018, 47A, .	0.2	12
13	Thiol-water proton exchange of glutathione, cysteine, and N-acetylcysteine: Implications for CEST MRI. <i>NMR in Biomedicine</i> , 2020, 33, e4188.	1.6	8
14	Shortening NMR experimental times. <i>Magnetic Resonance in Chemistry</i> , 2018, 56, 847-851.	1.1	5
15	Towards advanced paramagnetic nanoassemblies of highly ordered interior nanostructures as potential MRI contrast agents. <i>New Journal of Chemistry</i> , 2017, 41, 2735-2744.	1.4	4
16	Fast determination of the ¹ H relaxivities of MRI contrast agents. <i>Magnetic Resonance in Chemistry</i> , 2016, 54, 58-61.	1.1	2
17	NMR diffusion and relaxation studies of 2-nitroimidazole and albumin interactions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 193, 318-323.	2.0	1
18	Frontispiece: Gd ³⁺ -DTPA ⁴⁻ -Dopamine ³⁺ -Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. <i>Chemistry - A European Journal</i> , 2015, 21, .	1.7	0

#	ARTICLE	IF	CITATIONS
19	Highly Ordered Supramolecular Nanoassemblies of Paramagnetic Amphiphilic Chelates as Potential MRI Contrast Agents. Australian Journal of Chemistry, 2018, 71, 195.	0.5	0