Abhishek Gupta

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/76274/publications.pdf

Version: 2024-02-01

19	347	840119 11	887659 17
papers	citations	h-index	g-index

19	19	19	633
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NMR imaging and diffusion. Adsorption, 2021, 27, 503-533.	1.4	14
2	Is It Time to Forgo the Use of the Terms â€œSpinâ€“Latticeâ€•and â€œSpinâ€“Spinâ€•Relaxation in NMR and MRI? Journal of Physical Chemistry Letters, 2021, 12, 6305-6312.	2.1	13
3	Delivery of polymeric nanostars for molecular imaging and endoradiotherapy through the enhanced permeability and retention (EPR) effect. Theranostics, 2020, 10, 567-584.	4.6	63
4	Thiolâ€water proton exchange of glutathione, cysteine, and N â€acetylcysteine: Implications for CEST MRI. NMR in Biomedicine, 2020, 33, e4188.	1.6	8
5	Applications for Transition-Metal Chemistry in Contrast-Enhanced Magnetic Resonance Imaging. Inorganic Chemistry, 2020, 59, 6648-6678.	1.9	80
6	Porous Upconversion Nanostructures as Bimodal Biomedical Imaging Contrast Agents. Journal of Physical Chemistry C, 2020, 124, 12168-12174.	1.5	18
7	Design and preclinical evaluation of nanostars for the passive pretargeting of tumor tissue. Nuclear Medicine and Biology, 2020, 84-85, 63-72.	0.3	16
8	NMR diffusion and relaxation studies of 2-nitroimidazole and albumin interactions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 318-323.	2.0	1
9	A complete derivation of the KÃrger equations for analyzing NMR diffusion measurements of exchanging systems. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2018, 47A, .	0.2	12
10	Highly Ordered Supramolecular Nanoassemblies of Paramagnetic Amphiphilic Chelates as Potential MRI Contrast Agents. Australian Journal of Chemistry, 2018, 71, 195.	0.5	0
11	Shortening NMR experimental times. Magnetic Resonance in Chemistry, 2018, 56, 847-851.	1.1	5
12	Towards advanced paramagnetic nanoassemblies of highly ordered interior nanostructures as potential MRI contrast agents. New Journal of Chemistry, 2017, 41, 2735-2744.	1.4	4
13	Fast determination of the ¹H relaxivities of MRI contrast agents. Magnetic Resonance in Chemistry, 2016, 54, 58-61.	1.1	2
14	Gdâ€ÐTPAâ€Ðopamineâ€Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. Chemistry - A European Journal, 2015, 21, 13950-13960.	1.7	12
15	Frontispiece: Gdâ€ÐTPAâ€Ðopamineâ€Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. Chemistry - A European Journal, 2015, 21, .	1.7	0
16	Dipolar relaxation revisited: A complete derivation for the two spin case. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2015, 44, 74-113.	0.2	12
17	Evaluation of Gd-DTPA-Monophytanyl and Phytantriol Nanoassemblies as Potential MRI Contrast Agents. Langmuir, 2015, 31, 1556-1563.	1.6	16
18	Nanoassemblies of Gdâ€“DTPAâ€“monooleyl and glycerol monooleate amphiphiles as potential MRI contrast agents. Journal of Materials Chemistry B, 2014, 2, 1225.	2.9	25

#	Article	IF	Citations
19	Photochemical tissue bonding with chitosan adhesive films. BioMedical Engineering OnLine, 2010, 9, 47.	1.3	46