

# Abhishek Gupta

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

347  
citations

840776

11  
h-index

888059

17  
g-index

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. Inorganic Chemistry, 2020, 59, 6648-6678.	4.0	80
2	Delivery of polymeric nanostars for molecular imaging and endoradiotherapy through the enhanced permeability and retention (EPR) effect. Theranostics, 2020, 10, 567-584.	10.0	63
3	Photochemical tissue bonding with chitosan adhesive films. BioMedical Engineering OnLine, 2010, 9, 47.	2.7	46
4	Nanoassemblies of Gd <sup>3+</sup> -DTPA <sup>4-</sup> -monooleyl and glycerol monooleate amphiphiles as potential MRI contrast agents. Journal of Materials Chemistry B, 2014, 2, 1225.	5.8	25
5	Porous Upconversion Nanostructures as Bimodal Biomedical Imaging Contrast Agents. Journal of Physical Chemistry C, 2020, 124, 12168-12174.	3.1	18
6	Evaluation of Gd-DTPA-Monophytanyl and Phytantriol Nanoassemblies as Potential MRI Contrast Agents. Langmuir, 2015, 31, 1556-1563.	3.5	16
7	Design and preclinical evaluation of nanostars for the passive pretargeting of tumor tissue. Nuclear Medicine and Biology, 2020, 84-85, 63-72.	0.6	16
8	NMR imaging and diffusion. Adsorption, 2021, 27, 503-533.	3.0	14
9	Is It Time to Forgo the Use of the Terms "Spin-Lattice" and "Spin-Spin" Relaxation in NMR and MRI? Journal of Physical Chemistry Letters, 2021, 12, 6305-6312.	4.6	13
10	Gd <sup>3+</sup> -DTPA <sup>4-</sup> -Dopamine <sup>3-</sup> -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.	3.3	12
11	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.	0.5	12
12	A complete derivation of the K�rger equations for analyzing NMR diffusion measurements of exchanging systems. Concepts in Magnetic Resonance Part A: Bridging Education and Research, 2018, 47A, .	0.5	12
13	Thiol-water proton exchange of glutathione, cysteine, and N-acetylcysteine: Implications for CEST MRI. NMR in Biomedicine, 2020, 33, e4188.	2.8	8
14	Shortening NMR experimental times. Magnetic Resonance in Chemistry, 2018, 56, 847-851.	1.9	5
15	Towards advanced paramagnetic nanoassemblies of highly ordered interior nanostructures as potential MRI contrast agents. New Journal of Chemistry, 2017, 41, 2735-2744.	2.8	4
16	Fast determination of the <sup>1</sup> H relaxivities of MRI contrast agents. Magnetic Resonance in Chemistry, 2016, 54, 58-61.	1.9	2
17	NMR diffusion and relaxation studies of 2-nitroimidazole and albumin interactions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 318-323.	3.9	1
18	Frontispiece: Gd <sup>3+</sup> -DTPA <sup>4-</sup> -Dopamine <sup>3-</sup> -Bisphytanyl Amphiphile: Synthesis, Characterisation and Relaxation Parameters of the Nanoassemblies and Their Potential as MRI Contrast Agents. Chemistry - A European Journal, 2015, 21, .	3.3	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.	0.9	0