

Peter Harvey

List of Publications by Year in descending order

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23
papers

864
citations

471509

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642732

23
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24
all docs

24
docs citations

24
times ranked

1425
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-nanometer iron oxide nanoparticles as tissue-permeable MRI contrast agents. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	20
2	Metallotexaphyrins as MRI-Active Catalytic Antioxidants for Neurodegenerative Disease: A Study on Alzheimer's Disease. Chem, 2020, 6, 703-724.	11.7	17
3	Image-guided neural activity manipulation with a paramagnetic drug. Nature Communications, 2020, 11, 136.	12.8	9
4	Pro-organic radical contrast agents (pro-ORCA) for real-time MRI of pro-drug activation in biological systems. Polymer Chemistry, 2020, 11, 4768-4779.	3.9	20
5	Covalent Attachment of Active Enzymes to Upconversion Phosphors Allows Ratiometric Detection of Substrates. Chemistry - A European Journal, 2020, 26, 14817-14822.	3.3	8
6	Metal-based imaging agents: progress towards interrogating neurodegenerative disease. Chemical Society Reviews, 2020, 49, 2886-2915.	38.1	56
7	Polyoxazoline-Based Bottlebrush and Brush-Arm Star Polymers via ROMP: Syntheses and Applications as Organic Radical Contrast Agents. ACS Macro Letters, 2019, 8, 473-478.	4.8	55
8	Antibody-targeting of ultra-small nanoparticles enhances imaging sensitivity and enables longitudinal tracking of multiple myeloma. Nanoscale, 2019, 11, 20485-20496.	5.6	27
9	Probing the brain with molecular fMRI. Current Opinion in Neurobiology, 2018, 50, 201-210.	4.2	30
10	Triply Loaded Nitroxide Brush-Arm Star Polymers Enable Metal-Free Millimetric Tumor Detection by Magnetic Resonance Imaging. ACS Nano, 2018, 12, 11343-11354.	14.6	56
11	Sensing Uranyl(VI) Ions by Coordination and Energy Transfer to a Luminescent Europium(III) Complex. Angewandte Chemie, 2018, 130, 10069-10072.	2.0	12
12	Sensing Uranyl(VI) Ions by Coordination and Energy Transfer to a Luminescent Europium(III) Complex. Angewandte Chemie - International Edition, 2018, 57, 9921-9924.	13.8	50
13	Expanding the Scope of Biomolecule Monitoring with Ratiometric Signaling from Rare-Earth Upconverting Phosphors. European Journal of Inorganic Chemistry, 2017, 2017, 5176-5185.	2.0	7
14	Nitroxide-Based Macromolecular Contrast Agents with Unprecedented Transverse Relaxivity and Stability for Magnetic Resonance Imaging of Tumors. ACS Central Science, 2017, 3, 800-811.	11.3	126
15	A new paramagnetically shifted imaging probe for MRI. Magnetic Resonance in Medicine, 2017, 77, 1307-1317.	3.0	33
16	Challenging lanthanide relaxation theory: erbium and thulium complexes that show NMR relaxation rates faster than dysprosium and terbium analogues. Physical Chemistry Chemical Physics, 2015, 17, 16507-16511.	2.8	19
17	Critical analysis of the limitations of Bleaney's theory of magnetic anisotropy in paramagnetic lanthanide coordination complexes. Chemical Science, 2015, 6, 1655-1662.	7.4	70
18	Ratiometric detection of enzyme turnover and flavin reduction using rare-earth upconverting phosphors. Dalton Transactions, 2014, 43, 5265-5268.	3.3	23

#	ARTICLE	IF	CITATIONS
19	Characterisation and evaluation of paramagnetic fluorine labelled glycol chitosan conjugates for ¹⁹ F and ¹ H magnetic resonance imaging. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 215-227.	2.6	39
20	Moving the goal posts: enhancing the sensitivity of PARASHIFT proton magnetic resonance imaging and spectroscopy. <i>Chemical Science</i> , 2013, 4, 4251.	7.4	46
21	Experimental Measurement and Theoretical Assessment of Fast Lanthanide Electronic Relaxation in Solution with Four Series of Isostructural Complexes. <i>Journal of Physical Chemistry A</i> , 2013, 117, 905-917.	2.5	31
22	Lanthanide Complexes as Paramagnetic Probes for ¹⁹ F Magnetic Resonance. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 2015-2022.	2.0	68
23	Paramagnetic ¹⁹ F Chemical Shift Probes that Respond Selectively to Calcium or Citrate Levels and Signal Ester Hydrolysis. <i>Chemistry - A European Journal</i> , 2012, 18, 8748-8757.	3.3	42