

Hunter C Davis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7973620/publications.pdf>

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7
papers

294
citations

1478505

6
h-index

1720034

7
g-index

7
all docs

7
docs citations

7
times ranked

535
citing authors

#	ARTICLE	IF	CITATIONS
1	Mapping the microscale origins of magnetic resonance image contrast with subcellular diamond magnetometry. <i>Nature Communications</i> , 2018, 9, 131.	12.8	92
2	Non-invasive imaging using reporter genes altering cellular water permeability. <i>Nature Communications</i> , 2016, 7, 13891.	12.8	71
3	Going Deeper: Biomolecular Tools for Acoustic and Magnetic Imaging and Control of Cellular Function. <i>Biochemistry</i> , 2017, 56, 5202-5209.	2.5	45
4	Nanoscale Heat Transfer from Magnetic Nanoparticles and Ferritin in an Alternating Magnetic Field. <i>Biophysical Journal</i> , 2020, 118, 1502-1510.	0.5	37
5	Biomolecular MRI reporters: Evolution of new mechanisms. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2017, 102-103, 32-42.	7.5	31
6	Ultraparamagnetic Cells Formed through Intracellular Oxidation and Chelation of Paramagnetic Iron. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12385-12389.	13.8	14
7	Ultraparamagnetic Cells Formed through Intracellular Oxidation and Chelation of Paramagnetic Iron. <i>Angewandte Chemie</i> , 2018, 130, 12565-12569.	2.0	4