

George J Lu

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

713
citations

840776

11
h-index

1058476

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17
all docs

17
docs citations

17
times ranked

807
citing authors

#	ARTICLE	IF	CITATIONS
1	Measuring gas vesicle dimensions by electron microscopy. <i>Protein Science</i> , 2021, 30, 1081-1086.	7.6	20
2	Genetically Encodable Contrast Agents for Optical Coherence Tomography. <i>ACS Nano</i> , 2020, 14, 7823-7831.	14.6	30
3	Acoustically modulated magnetic resonance imaging of gas-filled protein nanostructures. <i>Nature Materials</i> , 2018, 17, 456-463.	27.5	88
4	Recombinantly expressed gas vesicles as nanoscale contrast agents for ultrasound and hyperpolarized MRI. <i>AICHE Journal</i> , 2018, 64, 2927-2933.	3.6	39
5	Biomolecular Ultrasound and Sonogenetics. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 229-252.	6.8	137
6	Proteins, air and water: reporter genes for ultrasound and magnetic resonance imaging. <i>Current Opinion in Chemical Biology</i> , 2018, 45, 57-63.	6.1	28
7	Protein Nanostructures Produce Self-Adjusting Hyperpolarized Magnetic Resonance Imaging Contrast through Physical Gas Partitioning. <i>ACS Nano</i> , 2018, 12, 10939-10948.	14.6	26
8	NMR Hyperpolarization Techniques of Gases. <i>Chemistry - A European Journal</i> , 2017, 23, 724-724.	3.3	1
9	Frontispiece: NMR Hyperpolarization Techniques of Gases. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	2
10	Preparation of biogenic gas vesicle nanostructures for use as contrast agents for ultrasound and MRI. <i>Nature Protocols</i> , 2017, 12, 2050-2080.	12.0	116
11	Characterizing Single Polymeric and Protein Nanoparticles with Surface Plasmon Resonance Imaging Measurements. <i>ACS Nano</i> , 2017, 11, 7447-7456.	14.6	46
12	NMR Hyperpolarization Techniques of Gases. <i>Chemistry - A European Journal</i> , 2017, 23, 725-751.	3.3	140
13	Biomolecular MRI reporters: Evolution of new mechanisms. <i>Progress in Nuclear Magnetic Resonance Spectroscopy</i> , 2017, 102-103, 32-42.	7.5	31