

# George J Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4640887/publications.pdf>

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13  
papers

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840776

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1058476

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docs citations

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times ranked

807  
citing authors

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