

Arash Farhadi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1982356/publications.pdf>

Version: 2024-02-01

16
papers

1,349
citations

567281

15
h-index

940533

16
g-index

19
all docs

19
docs citations

19
times ranked

1506
citing authors

#	ARTICLE	IF	CITATIONS
1	Acoustic reporter genes for noninvasive imaging of microorganisms in mammalian hosts. <i>Nature</i> , 2018, 553, 86-90.	27.8	258
2	Ultrasound imaging of gene expression in mammalian cells. <i>Science</i> , 2019, 365, 1469-1475.	12.6	145
3	Biomolecular Ultrasound and Sonogenetics. <i>Annual Review of Chemical and Biomolecular Engineering</i> , 2018, 9, 229-252.	6.8	137
4	Molecular Engineering of Acoustic Protein Nanostructures. <i>ACS Nano</i> , 2016, 10, 7314-7322.	14.6	124
5	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
6	Nanoscale tissue engineering: spatial control over cell-materials interactions. <i>Nanotechnology</i> , 2011, 22, 212001.	2.6	100
7	Nano-Enabled SERS Reporting Photosensitizers. <i>Theranostics</i> , 2015, 5, 469-476.	10.0	93
8	Acoustically modulated magnetic resonance imaging of gas-filled protein nanostructures. <i>Nature Materials</i> , 2018, 17, 456-463.	27.5	88
9	Porphyrinâ€Lipid Stabilized Gold Nanoparticles for Surface Enhanced Raman Scattering Based Imaging. <i>Bioconjugate Chemistry</i> , 2012, 23, 1726-1730.	3.6	58
10	Going Deeper: Biomolecular Tools for Acoustic and Magnetic Imaging and Control of Cellular Function. <i>Biochemistry</i> , 2017, 56, 5202-5209.	2.5	45
11	Recombinantly expressed gas vesicles as nanoscale contrast agents for ultrasound and hyperpolarized MRI. <i>AIChE Journal</i> , 2018, 64, 2927-2933.	3.6	39
12	Ultrasensitive ultrasound imaging of gene expression with signal unmixing. <i>Nature Methods</i> , 2021, 18, 945-952.	19.0	35
13	Genetically encodable materials for non-invasive biological imaging. <i>Nature Materials</i> , 2021, 20, 585-592.	27.5	30
14	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
15	Genetically Encoded Phase Contrast Agents for Digital Holographic Microscopy. <i>Nano Letters</i> , 2020, 20, 8127-8134.	9.1	23
16	In vivo Biodistribution of Radiolabeled Acoustic Protein Nanostructures. <i>Molecular Imaging and Biology</i> , 2018, 20, 230-239.	2.6	17