

Yanfei Wang

List of Publications by Year in descending order

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15
papers

779
citations

759233

12
h-index

996975

15
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16
all docs

16
docs citations

16
times ranked

1283
citing authors

#	ARTICLE	IF	CITATIONS
1	External triggering and triggered targeting strategies for drug delivery. <i>Nature Reviews Materials</i> , 2017, 2, .	48.7	290
2	A "Smart" ¹²⁹ Xe NMR Biosensor for pH-Dependent Cell Labeling. <i>Journal of the American Chemical Society</i> , 2015, 137, 5542-5548.	13.7	71
3	Cucurbit[6]uril is an ultrasensitive ¹²⁹ Xe NMR contrast agent. <i>Chemical Communications</i> , 2015, 51, 8982-8985.	4.1	68
4	Intravenous treatment of choroidal neovascularization by photo-targeted nanoparticles. <i>Nature Communications</i> , 2019, 10, 804.	12.8	67
5	An Expanded Palette of Xenon-129 NMR Biosensors. <i>Accounts of Chemical Research</i> , 2016, 49, 2179-2187.	15.6	65
6	A Genetically Encoded ¹²⁹ Xe NMR Reporter for Ultrasensitive ¹²⁹ Xe NMR in Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8984-8987.	13.8	50
7	Bacterial spore detection and analysis using hyperpolarized ¹²⁹ Xe chemical exchange saturation transfer (Hyper-CEST) NMR. <i>Chemical Science</i> , 2014, 5, 3197-3203.	7.4	42
8	Programming A Molecular Relay for Ultrasensitive Biodetection through ¹²⁹ Xe...NMR. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1733-1736.	13.8	26
9	BaTiO ₃ -core Au-shell nanoparticles for photothermal therapy and bimodal imaging. <i>Acta Biomaterialia</i> , 2018, 72, 287-294.	8.3	22
10	Designing photolabile ruthenium polypyridyl crosslinkers for hydrogel formation and multiplexed, visible-light degradation. <i>RSC Advances</i> , 2019, 9, 4942-4947.	3.6	20
11	A Structural Basis for ¹²⁹ Xe Hyper-CEST Signal in TEM- ¹²⁹ Xe Lactamase. <i>ChemPhysChem</i> , 2019, 20, 260-267.	2.1	17
12	Cryptophane Nanoscale Assemblies Expand ¹²⁹ Xe NMR Biosensing. <i>Analytical Chemistry</i> , 2018, 90, 7730-7738.	6.5	13
13	Programming A Molecular Relay for Ultrasensitive Biodetection through ¹²⁹ Xe...NMR. <i>Angewandte Chemie</i> , 2016, 128, 1765-1768.	2.0	10
14	A cryptophane-based "turn-on" ¹²⁹ Xe NMR biosensor for monitoring calmodulin. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8883-8887.	2.8	10
15	A Genetically Encoded ¹²⁹ Xe NMR Reporter for Ultrasensitive ¹²⁹ Xe NMR in Mammalian Cells. <i>Angewandte Chemie</i> , 2016, 128, 9130-9133.	2.0	8