

Yanfei Wang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

779
citations

759233

12
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996975

15
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16
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16
docs citations

16
times ranked

1283
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Designing photolabile ruthenium polypyridyl crosslinkers for hydrogel formation and multiplexed, visible-light degradation. <i>RSC Advances</i> , 2019, 9, 4942-4947. | 3.6 | 20 |
| 2 | Intravenous treatment of choroidal neovascularization by photo-targeted nanoparticles. <i>Nature Communications</i> , 2019, 10, 804. | 12.8 | 67 |
| 3 | A Structural Basis for ¹²⁹ Xe Hyperâ€CEST Signal in TEMâ€1 Î²â€Lactamase. <i>ChemPhysChem</i> , 2019, 20, 260-267. | 2.1 | 17 |
| 4 | BaTiO3-core Au-shell nanoparticles for photothermal therapy and bimodal imaging. <i>Acta Biomaterialia</i> , 2018, 72, 287-294. | 8.3 | 22 |
| 5 | Cryptophane Nanoscale Assemblies Expand ¹²⁹ Xe NMR Biosensing. <i>Analytical Chemistry</i> , 2018, 90, 7730-7738. | 6.5 | 13 |
| 6 | External triggering and triggered targeting strategies for drug delivery. <i>Nature Reviews Materials</i> , 2017, 2, . | 48.7 | 290 |
| 7 | A cryptophane-based â€œturn-onâ€ ¹²⁹ Xe NMR biosensor for monitoring calmodulin. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8883-8887. | 2.8 | 10 |
| 8 | Programming A Molecular Relay for Ultrasensitive Biodetection through ¹²⁹ Xeâ€NMR. <i>Angewandte Chemie</i> , 2016, 128, 1765-1768. | 2.0 | 10 |
| 9 | A Genetically Encoded Î²â€Lactamase Reporter for Ultrasensitive ¹²⁹ Xe NMR in Mammalian Cells. <i>Angewandte Chemie</i> , 2016, 128, 9130-9133. | 2.0 | 8 |
| 10 | A Genetically Encoded Î²â€Lactamase Reporter for Ultrasensitive ¹²⁹ Xe NMR in Mammalian Cells. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 8984-8987. | 13.8 | 50 |
| 11 | An Expanded Palette of Xenon-129 NMR Biosensors. <i>Accounts of Chemical Research</i> , 2016, 49, 2179-2187. | 15.6 | 65 |
| 12 | Programming A Molecular Relay for Ultrasensitive Biodetection through ¹²⁹ Xeâ€NMR. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1733-1736. | 13.8 | 26 |
| 13 | Cucurbit[6]uril is an ultrasensitive ¹²⁹ Xe NMR contrast agent. <i>Chemical Communications</i> , 2015, 51, 8982-8985. | 4.1 | 68 |
| 14 | A â€œSmartâ€ ¹²⁹ Xe NMR Biosensor for pH-Dependent Cell Labeling. <i>Journal of the American Chemical Society</i> , 2015, 137, 5542-5548. | 13.7 | 71 |
| 15 | 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 |