

Yao Lu

List of Publications by Year in descending order

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11
papers

890
citations

1040056

9
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

1840
citing authors

#	ARTICLE	IF	CITATIONS
1	A Photonic Crystal Laser from Solution Based Organo-Lead Iodide Perovskite Thin Films. ACS Nano, 2016, 10, 3959-3967.	14.6	238
2	Wireless Neurosensor for Full-Spectrum Electrophysiology Recordings during Free Behavior. Neuron, 2014, 84, 1170-1182.	8.1	200
3	Polyoxometalate Nanocone Nanoreactors: Magnetic Manipulation and Enhanced Catalytic Performance. Angewandte Chemie - International Edition, 2011, 50, 3187-3192.	13.8	136
4	A coaxial optrode as multifunction write-read probe for optogenetic studies in non-human primates. Journal of Neuroscience Methods, 2013, 219, 142-154.	2.5	94
5	Assembling Polyoxometalate Clusters into Advanced Nanoarchitectures. Chemistry of Materials, 2010, 22, 3511-3518.	6.7	67
6	Optogenetically induced spatiotemporal gamma oscillations and neuronal spiking activity in primate motor cortex. Journal of Neurophysiology, 2015, 113, 3574-3587.	1.8	59
7	Reusable Inorganic Templates for Electrostatic Self-Assembly of Individual Quantum Dots, Nanodiamonds, and Lanthanide-Doped Nanoparticles. Nano Letters, 2015, 15, 5010-5016.	9.1	31
8	Modulating dopamine release by optogenetics in transgenic mice reveals terminal dopaminergic dynamics. Neurophotonics, 2015, 2, 031207.	3.3	11
9	Synthesis of O ₆ -Corona[3]arene[3]pyridazines and Their Molecular Recognition Property in Organic and Aqueous Media. Chinese Journal of Chemistry, 2018, 36, 630-634.	4.9	9
10	Synthesis of Butadiynyl-Strapped Corona[6]arenes and Their Selective Anion Binding Properties. Journal of Organic Chemistry, 2020, 85, 2312-2320.	3.2	6
11	Synthesis and anion binding properties of phthalimide-containing corona[6]arenes. Beilstein Journal of Organic Chemistry, 2019, 15, 1976-1983.	2.2	4