

# Nan Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3875594/publications.pdf>

Version: 2024-02-01

15  
papers

336  
citations

1163117

8  
h-index

996975

15  
g-index

15  
all docs

15  
docs citations

15  
times ranked

519  
citing authors

#	ARTICLE	IF	CITATIONS
1	A recyclable polyoxometalate-based supramolecular chemosensor for efficient detection of carbon dioxide. <i>Chemical Science</i> , 2015, 6, 7201-7205.	7.4	66
2	Co-immobilization of cellulase and lysozyme on amino-functionalized magnetic nanoparticles: An activity-tunable biocatalyst for extraction of lipids from microalgae. <i>Bioresource Technology</i> , 2018, 263, 317-324.	9.6	60
3	pH-responsive inorganic-organic hybrid supramolecular hydrogels with jellyfish-like switchable chromic luminescence. <i>Chemical Communications</i> , 2014, 50, 9333-9335.	4.1	57
4	Insight into effective denitrification and desulfurization of liquid fuel with deep eutectic solvents: an innovative evaluation criterion to filtrate extractants using the compatibility index. <i>Green Chemistry</i> , 2018, 20, 3112-3120.	9.0	46
5	Induced salt-responsive circularly polarized luminescence of hybrid assemblies based on achiral Eu-containing polyoxometalates. <i>Chemical Communications</i> , 2017, 53, 4390-4393.	4.1	24
6	Surface plasmon resonance-assisted circularly polarized luminescent hybrid assemblies of Eu-containing polyoxometalates. <i>Chemical Communications</i> , 2019, 55, 1136-1139.	4.1	17
7	Product-oriented decomposition of lignocellulose catalyzed by novel polyoxometalates-ionic liquid mixture. <i>Bioresource Technology</i> , 2019, 283, 174-183.	9.6	15
8	The effect of heat pretreatment of heavy oil on the pyrolysis performance and structural evolution of needle coke. <i>Journal of Analytical and Applied Pyrolysis</i> , 2021, 157, 105172.	5.5	14
9	Multicolor luminescent hybrid assembled materials based on lanthanide-containing polyoxometalates free from energy transfer crosstalk. <i>RSC Advances</i> , 2015, 5, 34900-34907.	3.6	8
10	Bifunctional and recyclable Dawson-type polyoxometalates catalyze oxidative degradation of lignocellulose to selectively produce phthalates. <i>Bioresource Technology</i> , 2019, 273, 677-681.	9.6	7
11	Light Triggered Co-Assembly of Photocleavable Copolymers and Polyoxometalates with Enhanced Photoluminescence. <i>Macromolecular Rapid Communications</i> , 2017, 38, 1600550.	3.9	6
12	Lignosulfonate/diblock copolymer polyion complexes with aggregation-enhanced and pH-switchable fluorescence for information storage and encryption. <i>International Journal of Biological Macromolecules</i> , 2021, 187, 722-731.	7.5	6
13	Photo- and Electro- Switchable Hybrid Assembly of Redox-Active Polyoxometalates and Block Copolymers. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2015, 25, 126-132.	3.7	4
14	Isolation and Identification of Six Difunctional Ethyl Esters from Bio-oil and Their Special Mass Spectral Fragmentation Pathways. <i>Energy &amp; Fuels</i> , 2018, 32, 10649-10655.	5.1	3
15	Spatial variation of residual total petroleum hydrocarbons and ecological risk in oilfield soils. <i>Chemosphere</i> , 2022, 291, 132916.	8.2	3