

# Xiaolin Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3769722/publications.pdf>

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#	ARTICLE	IF	CITATIONS
1	Stimuli-Responsive Toughening of Hydrogels. <i>Chemistry of Materials</i> , 2021, 33, 7633-7656.	6.7	68
2	A nanocleaner specifically penetrates the blood-brain barrier at lesions to clean toxic proteins and regulate inflammation in Alzheimer's disease. <i>Acta Pharmaceutica Sinica B</i> , 2021, 11, 4032-4044.	12.0	47
3	Muscle-inspired ion-sensitive hydrogels with highly tunable mechanical performance for versatile industrial applications. <i>Science China Materials</i> , 2022, 65, 229-236.	6.3	18
4	Neutrophil-Biomimetic "Nanobuffer" for Remodeling the Microenvironment in the Infarct Core and Protecting Neurons in the Penumbra via Neutralization of Detrimental Factors to Treat Ischemic Stroke. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 27743-27761.	8.0	18
5	Hydrophobic hydrogels as internal curing agent for concrete: The double benefit of super high water content and excellent anti-ion permeability. <i>Composites Communications</i> , 2022, 33, 101236.	6.3	10
6	SCM-198 ameliorates endometrial inflammation via suppressing the LPS-JNK-cJUN/cFOS-TLR4-NF- $\kappa$ B pathway. <i>Acta Biochimica Et Biophysica Sinica</i> , 2021, 53, 1207-1215.	2.0	8
7	Dynamic swelling performance of hydrophobic hydrogels. <i>Chinese Chemical Letters</i> , 2022, 33, 2178-2182.	9.0	8
8	Anti-Fouling Performance of Hydrophobic Hydrogels with Unique Surface Hydrophobicity and Nanoarchitectonics. <i>Gels</i> , 2022, 8, 407.	4.5	8
9	Biologically Responsive Nanosystems Targeting Cardiovascular Diseases. <i>Current Drug Delivery</i> , 2021, 18, 892-913.	1.6	2