

# Xiwei Guo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1590383/publications.pdf>

Version: 2024-02-01

9  
papers

279  
citations

1478505

6  
h-index

1474206

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9  
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9  
docs citations

9  
times ranked

308  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational Design of Porous Nanofiber Adsorbent by Blow Spinning with Ultrahigh Uranium Recovery Capacity from Seawater. <i>Advanced Functional Materials</i> , 2019, 29, 1805380.	14.9	180
2	Highly stretchable, recyclable, notch-insensitive, and conductive polyacrylonitrile-derived organogel. <i>Journal of Materials Chemistry A</i> , 2020, 8, 20346-20353.	10.3	36
3	Xanthate-modified silica as a novel multifunctional additive for properties improvement of natural rubber. <i>Composites Science and Technology</i> , 2021, 203, 108567.	7.8	16
4	Functionalized starch as a novel eco-friendly vulcanization accelerator enhancing mechanical properties of natural rubber. <i>Carbohydrate Polymers</i> , 2020, 231, 115705.	10.2	14
5	Xanthate-modified nanoTiO <sub>2</sub> as a novel vulcanization accelerator enhancing mechanical and antibacterial properties of natural rubber. <i>Nanotechnology Reviews</i> , 2021, 10, 478-487.	5.8	11
6	Stretchable Hydrogels with Low Hysteresis and High Fracture Toughness for Flexible Electronics. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100716.	3.9	9
7	Damage-resistant and healable polyacrylonitrile-derived stretchable materials with exceptional fracture toughness and fatigue threshold. <i>Journal of Materials Chemistry A</i> , 2021, 9, 23451-23458.	10.3	6
8	Mussel-inspired polydopamine functionalized silica as an effective antioxidant and reinforcer for elastomers. <i>Composites Communications</i> , 2022, 29, 101049.	6.3	4
9	FUNCTIONALIZED SILICA AS AN ECO-FRIENDLY VULCANIZATION ACCELERATOR TO ENHANCE THE INTERFACIAL INTERACTION IN NR/SILICA COMPOSITES. <i>Rubber Chemistry and Technology</i> , 2021, 94, 200-212.	1.2	3