

# Qilin Wei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10875119/publications.pdf>

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13  
papers

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1162367

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1281420

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docs citations

14  
times ranked

419  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced Radiation Shielding with Conformal Light-Weight Nanoparticle-Polymer Composite. ACS Applied Materials & Interfaces, 2018, 10, 35510-35515.	4.0	83
2	Quantum-Sized Metal Catalysts for Hot-Electron-Driven Chemical Transformation. Advanced Materials, 2018, 30, e1802082.	11.1	55
3	The multifunctional wound dressing with core-shell structured fibers prepared by coaxial electrospinning. Frontiers of Materials Science, 2016, 10, 113-121.	1.1	37
4	Surface chemistry of quantum-sized metal nanoparticles under light illumination. Chemical Science, 2021, 12, 1227-1239.	3.7	19
5	Selective Transfer Coupling of Nitrobenzene to Azoxybenzene on Rh Nanoparticle Catalyst Promoted by Photoexcited Hot Electrons. ChemNanoMat, 2019, 5, 1000-1007.	1.5	16
6	Superior Capacitive Performance Enabled by Edge-Oriented and Interlayer-Expanded MoS <sub>2</sub> Nanosheets Anchored on Reduced Graphene Oxide Sheets. Industrial & Engineering Chemistry Research, 2018, 57, 4571-4576.	1.8	15
7	Microwave synthesis of single-phase nanoparticles made of multi-principal element alloys. Nano Research, 2022, 15, 4886-4892.	5.8	13
8	Directionally assembled MoS <sub>2</sub> with significantly expanded interlayer spacing: a superior anode material for high-rate lithium-ion batteries. Materials Chemistry Frontiers, 2018, 2, 1441-1448.	3.2	12
9	Silica-coating-assisted nitridation of TiO <sub>2</sub> nanoparticles and their photothermal property. Nano Research, 2021, 14, 3228-3233.	5.8	9
10	Interfaced Ag/Cu nanostructures derived from metal thiolate nanoplates: A highly selective catalyst for electrochemical reduction of CO <sub>2</sub> to ethanol. SmartMat, 2022, 3, 173-182.	6.4	7
11	Highly Dispersed RuOOH Nanoparticles on Silica Spheres: An Efficient Photothermal Catalyst for Selective Aerobic Oxidation of Benzyl Alcohol. Nano-Micro Letters, 2020, 12, 41.	14.4	6
12	Photocatalysis: Quantum-Sized Metal Catalysts for Hot-Electron-Driven Chemical Transformation (Adv. Mater. 48/2018). Advanced Materials, 2018, 30, 1870366.	11.1	0
13	Back Cover Image: Volume 3 Issue 1. SmartMat, 2022, 3, .	6.4	0