

# Jianlin Wang

## List of Publications by Year in descending order

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18  
papers

1,160  
citations

1040056

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h-index

839539

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all docs

18  
docs citations

18  
times ranked

1336  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoplasmonic zirconium nitride photocatalyst for direct overall water splitting. Chinese Chemical Letters, 2022, 33, 1271-1274.	9.0	10
2	Enhanced Performance of $T_{ad}$ upon Frequent Alternating Magnetic Fields in FeRh Alloys by Introducing Second Phases. ACS Applied Materials & Interfaces, 2022, 14, 18293-18301.	8.0	11
3	Broadband Plasmonic NbN Photocatalysts for Enhanced Hydrogen Generation from Ammonia Borane under Visible-Near-Infrared Illumination. Journal of Physical Chemistry Letters, 2022, 13, 4220-4226.	4.6	5
4	Atomic-scale visualization of metallic lead leak related fine structure in CsPbBr <sub>3</sub> quantum dots. Nanoscale, 2021, 13, 124-130.	5.6	4
5	Perpendicular magnetic anisotropy induced by La <sub>2/3</sub> Sr <sub>1/3</sub> MnO <sub>3</sub> –YBaCo <sub>2</sub> O <sub>5+<math>\delta</math></sub> interlayer coupling. Journal Physics D: Applied Physics, 2021, 54, 185302.	2.8	4
6	Atomic-Scale Observation of Structure Transition from Brownmillerite to Infinite Layer in SrFeO <sub>2.5</sub> Thin Films. Chemistry of Materials, 2021, 33, 3113-3120.	6.7	10
7	The Lightest 2D Nanomaterial: Freestanding Ultrathin Li Nanosheets by In Situ Nanoscale Electrochemistry. Small, 2021, 17, e2101641.	10.0	3
8	Edge-Enriched Large-Area Hexagonal BN Ultrathin Films with Enhanced Optical Second Harmonic Generation. Journal of Physical Chemistry Letters, 2021, 12, 9475-9480.	4.6	3
9	Insight into long-period pattern by depth sectioning using aberration-corrected scanning transmission electron microscope. Ultramicroscopy, 2020, 209, 112885.	1.9	3
10	Rational design of layered oxide materials for sodium-ion batteries. Science, 2020, 370, 708-711.	12.6	616
11	Constructing Na $\kappa$ Cathodes via Alkali-Site Substitution. Advanced Functional Materials, 2020, 30, 1910840.	14.9	28
12	Revealing High Na-Content P2-Type Layered Oxides as Advanced Sodium-Ion Cathodes. Journal of the American Chemical Society, 2020, 142, 5742-5750.	13.7	206
13	Unraveling nanoscale electrochemical dynamics of graphite fluoride by <i>in situ</i> electron microscopy: key difference between lithiation and sodiation. Journal of Materials Chemistry A, 2020, 8, 6105-6111.	10.3	40
14	Regulation of phase transition and magnetocaloric effect by ferroelectric domains in FeRh/PMN-PT heterojunctions. Acta Materialia, 2020, 191, 51-59.	7.9	31
15	Ti Substitution Facilitating Oxygen Oxidation in Na <sub>2/3</sub> Mg <sub>1/3</sub> Ti <sub>1/6</sub> Mn <sub>1/2</sub> O <sub>2</sub> Cathode. Chem, 2019, 5, 2913-2925.	11.7	75
16	Effect of single point defect on local properties in BiFeO <sub>3</sub> thin film. Acta Materialia, 2019, 170, 132-137.	7.9	5
17	Theoretical study of the rutile based semiconductor with visible-light responsive photocatalytic activity for water splitting. International Journal of Hydrogen Energy, 2018, 43, 6131-6137.	7.1	1
18	The stabilities and electronic structures of single-layer bismuth oxyhalides for photocatalytic water splitting. Physical Chemistry Chemical Physics, 2014, 16, 25854-25861.	2.8	105