

# Feipeng Yang

## List of Publications by Year in descending order

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23  
papers

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citations

840776

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Site Cascade Oxygen Reduction Mechanism on SnO <sub>2</sub> /Pt-Cu-Ni for Promoting Reaction Kinetics. <i>Journal of the American Chemical Society</i> , 2019, 141, 9463-9467.	13.7	70
2	Synthesis of new two-dimensional titanium carbonitride Ti <sub>2</sub> C <sub>0.5</sub> N <sub>0.5</sub> T <sub>0.5</sub> and its performance as an electrode material for sodium-ion battery. <i>Informa Mater</i> , 2021, 3, 1422-1430.	17.5	49
3	Mismatching integration-enabled strains and defects engineering in LDH microstructure for high-rate and long-life charge storage. <i>Nature Communications</i> , 2022, 13, 1409.	12.8	42
4	Unraveling Shuttle Effect and Suppression Strategy in Lithium/Sulfur Cells by In Situ/Operando X-ray Absorption Spectroscopic Characterization. <i>Energy and Environmental Materials</i> , 2021, 4, 222-228.	12.8	31
5	Facet-selective Deposition of Ultrathin Al <sub>2</sub> O <sub>3</sub> on Copper Nanocrystals for Highly Stable CO <sub>2</sub> Electroreduction to Ethylene. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24838-24843.	13.8	28
6	In Situ/Operando (Soft) X-ray Spectroscopy Study of Beyond Lithium-ion Batteries. <i>Energy and Environmental Materials</i> , 2021, 4, 139-157.	12.8	26
7	Mechanically induced color change based on the chromophores of anthracene and rhodamine 6G. <i>Tetrahedron Letters</i> , 2015, 56, 393-396.	1.4	25
8	MoS <sub>2</sub> for beyond lithium-ion batteries. <i>APL Materials</i> , 2021, 9, .	5.1	22
9	Operando leaching of pre-incorporated Al and mechanism in transition-metal hybrids on carbon substrates for enhanced charge storage. <i>Matter</i> , 2021, 4, 2902-2918.	10.0	22
10	In-situ/operando X-ray absorption spectroscopic investigation of the electrode/electrolyte interface on the molecular scale. <i>Surface Science</i> , 2020, 702, 121720.	1.9	19
11	Modification of phenolic resin composites by hyperbranched polyborate and polybenzoxazine. <i>Polymer Composites</i> , 2012, 33, 1960-1968.	4.6	14
12	Probing calcium solvation by XAS, MD and DFT calculations. <i>RSC Advances</i> , 2020, 10, 27315-27321.	3.6	12
13	Trace Key Mechanistic Features of the Arsenite Sequestration Reaction with Nanoscale Zerovalent Iron. <i>Journal of the American Chemical Society</i> , 2021, 143, 16538-16548.	13.7	12
14	Proximity to Graphene Dramatically Alters Polymer Dynamics. <i>Macromolecules</i> , 2019, 52, 5074-5085.	4.8	11
15	Modifying Surface Fluctuations of Polymer Melt Films with Substrate Modification. <i>ACS Macro Letters</i> , 2017, 6, 915-919.	4.8	10
16	Facet-selective deposition of ultrathin Al <sub>2</sub> O <sub>3</sub> on copper nanocrystals for highly stable CO <sub>2</sub> electroreduction to ethylene. <i>Angewandte Chemie</i> , 0, , .	2.0	6
17	A novel surfactant-like fluorophore and its probing ability to the aggregation of amphiphilic compounds. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2012, 245, 58-65.	3.9	4
18	From inert gas to fertilizer, fuel and fine chemicals: N <sub>2</sub> reduction and fixation. <i>Catalysis Today</i> , 2022, 387, 186-196.	4.4	4

#	ARTICLE	IF	CITATIONS
19	Following the Morphological Disruption by an Electrolyte of a Buried Interface. ACS Applied Materials & Interfaces, 2019, 11, 3555-3564.	8.0	3
20	In situ/operando soft x-ray spectroscopy of chemical interfaces in gas and liquid environments. MRS Bulletin, 2021, 46, 747-754.	3.5	2
21	<i>Operando</i> Leaching of Pre-Incorporated Al and Mechanism in Transition Metal Hybrids for Elaborately Enhanced Charge Storage. SSRN Electronic Journal, 0, , .	0.4	0
22	Influence of Anions on the Electrolyte/Electrode Interfacial Dynamics Probed By in-Situ/Operando Soft X-Ray Absorption Spectroscopy. ECS Meeting Abstracts, 2021, MA2021-01, 417-417.	0.0	0
23	Back Cover Image. InformaÅnÅ-MateriÅly, 2021, 3, .	17.3	0