

# Jun Yu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9083802/publications.pdf>

Version: 2024-02-01

20  
papers

788  
citations

623734

14  
h-index

752698

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

922  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective catalytic reduction of NO by ammonia over phosphate-containing Ce <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>2</sub> solids. <i>Applied Catalysis B: Environmental</i> , 2015, 163, 223-232.	20.2	121
2	Defect-Rich NiCeO <sub>x</sub> Electro-catalyst with Ultrahigh Stability and Low Overpotential for Water Oxidation. <i>ACS Catalysis</i> , 2019, 9, 1605-1611.	11.2	113
3	Formation of FeOOH Nanosheets Induces Substitutional Doping of CeO <sub>2</sub> with High-Valence Ni for Efficient Water Oxidation. <i>Advanced Energy Materials</i> , 2021, 11, 2002731.	19.5	110
4	Self-Driven Perovskite Narrowband Photodetectors with Tunable Spectral Responses. <i>Advanced Materials</i> , 2021, 33, e2005557.	21.0	109
5	Insights into the efficiency and stability of Cu-based nanowires for electrocatalytic oxygen evolution. <i>Nano Research</i> , 2018, 11, 4323-4332.	10.4	44
6	The Role of Ceria in a Hybrid Catalyst toward Alkaline Water Oxidation. <i>ChemSusChem</i> , 2020, 13, 5273-5279.	6.8	36
7	Cu Vacancy Induced Product Switching from Formate to CO for CO <sub>2</sub> Reduction on Copper Sulfide. <i>ACS Catalysis</i> , 2022, 12, 9074-9082.	11.2	35
8	Mini Review on Active Sites in Ce-Based Electrocatalysts for Alkaline Water Splitting. <i>Energy &amp; Fuels</i> , 2021, 35, 19000-19011.	5.1	34
9	Oxygen-vacancy-induced photoelectrochemical water oxidation by platelike tungsten oxide photoanodes prepared under acid-mediated hydrothermal treatment conditions. <i>RSC Advances</i> , 2017, 7, 26992-27000.	3.6	32
10	Ultrafast self-assembly of silver nanostructures on carbon-coated copper grids for surface-enhanced Raman scattering detection of trace melamine. <i>Journal of Colloid and Interface Science</i> , 2017, 490, 23-28.	9.4	23
11	Facile and Large-Area Preparation of Porous Ag <sub>3</sub> PO <sub>4</sub> Photoanodes for Enhanced Photoelectrochemical Water Oxidation. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 19507-19512.	8.0	21
12	Self-Driven Perovskite Dual-Band Photodetectors Enabled by a Charge Separation Reversion Mechanism. <i>Advanced Optical Materials</i> , 2021, 9, 2100517.	7.3	21
13	NH <sub>3</sub> -SCR activity, hydrothermal stability and poison resistance of a zirconium phosphate/Ce <sub>0.5</sub> Zr <sub>0.5</sub> O <sub>2</sub> catalyst in simulated diesel exhaust. <i>RSC Advances</i> , 2015, 5, 83594-83599.	3.6	18
14	NiMn compound nanosheets for electrocatalytic water oxidation: effects of atomic structures and oxidation states. <i>Nanoscale</i> , 2020, 12, 2472-2478.	5.6	17
15	Effect of lean-oxygen treatment on the adsorption and activity of zirconium phosphate @ Ce <sub>0.75</sub> Zr <sub>0.25</sub> O <sub>2</sub> for NH <sub>3</sub> -SCR deNO. <i>Catalysis Today</i> , 2016, 267, 47-55.	4.4	13
16	In situ templating synthesis of mesoporous Ni-Fe electrocatalyst for oxygen evolution reaction. <i>RSC Advances</i> , 2020, 10, 23321-23330.	3.6	11
17	Recent advances in surface/interface engineering of noble-metal free catalysts for energy conversion reactions. <i>Materials Chemistry Frontiers</i> , 2021, 5, 3576-3592.	5.9	9
18	Modulating Ni/Ce Ratio in Ni <sub>y</sub> Ce <sub>100-y</sub> O <sub>x</sub> Electrocatalysts for Enhanced Water Oxidation. <i>Nanomaterials</i> , 2021, 11, 437.	4.1	9

#	ARTICLE	IF	CITATIONS
19	Unusual effects of vacuum annealing on large-area Ag <sub>3</sub> PO <sub>4</sub> microcrystalline film photoanode boosting cocatalyst- and scavenger-free water splitting. <i>Journal of Materiomics</i> , 2021, 7, 929-939.	5.7	8
20	A review on cerium-containing electrocatalysts for oxygen evolution reaction. <i>Functional Materials Letters</i> , 2021, 14, .	1.2	4