

# Xiaoyang Huang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5851548/publications.pdf>

Version: 2024-02-01

10  
papers

540  
citations

933447

10  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

530  
citing authors

#	ARTICLE	IF	CITATIONS
1	Au-Pd separation enhances bimetallic catalysis of alcohol oxidation. <i>Nature</i> , 2022, 603, 271-275.	27.8	114
2	The controlled catalytic oxidation of furfural to furoic acid using AuPd/Mg(OH) <sub>2</sub> . <i>Catalysis Science and Technology</i> , 2017, 7, 5284-5293.	4.1	87
3	Deoxygenation of Palmitic Acid on Unsupported Transition-Metal Phosphides. <i>ACS Catalysis</i> , 2017, 7, 6331-6341.	11.2	83
4	The drying effect on xanthan gum biopolymer treated sandy soil shear strength. <i>Construction and Building Materials</i> , 2019, 197, 271-279.	7.2	83
5	Rigid and Flexible SEI Layer Formed Over a Cross-Linked Polymer for Enhanced Ultrathin Li Metal Anode Performance. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	42
6	Investigations of supported Au-Pd nanoparticles on synthesized CeO <sub>2</sub> with different morphologies and application in solvent-free benzyl alcohol oxidation. <i>Applied Surface Science</i> , 2020, 505, 144473.	6.1	38
7	Au-Pd nanoparticles immobilized on TiO <sub>2</sub> nanosheet as an active and durable catalyst for solvent-free selective oxidation of benzyl alcohol. <i>Journal of Colloid and Interface Science</i> , 2021, 588, 787-794.	9.4	35
8	The Role of Mg(OH) <sub>2</sub> in the So-Called "Base-Free" Oxidation of Glycerol with AuPd Catalysts. <i>Chemistry - A European Journal</i> , 2018, 24, 2396-2402.	3.3	23
9	Exploring Environmentally Friendly Biopolymer Material Effect on Soil Tensile and Compressive Behavior. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9032.	2.6	22
10	Combined Effect of Biopolymer and Fiber Inclusions on Unconfined Compressive Strength of Soft Soil. <i>Polymers</i> , 2022, 14, 787.	4.5	13