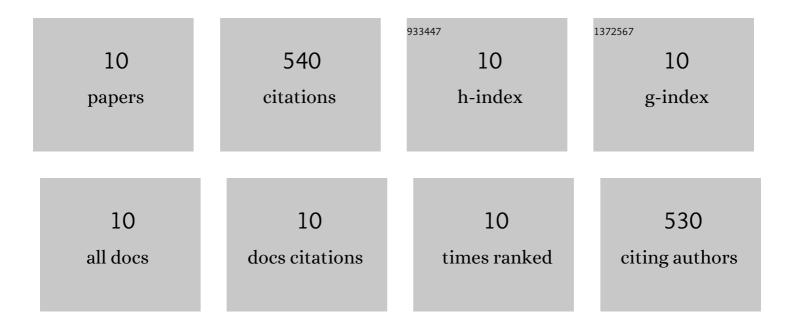
Xiaoyang Huang

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Au–Pd separation enhances bimetallic catalysis of alcohol oxidation. Nature, 2022, 603, 271-275.	27.8	114
2	The controlled catalytic oxidation of furfural to furoic acid using AuPd/Mg(OH) ₂ . Catalysis Science and Technology, 2017, 7, 5284-5293.	4.1	87
3	Deoxygenation of Palmitic Acid on Unsupported Transition-Metal Phosphides. ACS Catalysis, 2017, 7, 6331-6341.	11.2	83
4	The drying effect on xanthan gum biopolymer treated sandy soil shear strength. Construction and Building Materials, 2019, 197, 271-279.	7.2	83
5	Rigid and Flexible SEI Layer Formed Over a Crossâ€Linked Polymer for Enhanced Ultrathin Li Metal Anode Performance. Advanced Energy Materials, 2022, 12, .	19.5	42
6	Investigations of supported Au-Pd nanoparticles on synthesized CeO2 with different morphologies and application in solvent-free benzyl alcohol oxidation. Applied Surface Science, 2020, 505, 144473.	6.1	38
7	Au-Pd nanoparticles immobilized on TiO2 nanosheet as an active and durable catalyst for solvent-free selective oxidation of benzyl alcohol. Journal of Colloid and Interface Science, 2021, 588, 787-794.	9.4	35
8	The Role of Mg(OH) ₂ in the Soâ€Called "Baseâ€Free―Oxidation of Glycerol with AuPd Catalysts. Chemistry - A European Journal, 2018, 24, 2396-2402.	3.3	23
9	Exploring Environmentally Friendly Biopolymer Material Effect on Soil Tensile and Compressive Behavior. International Journal of Environmental Research and Public Health, 2020, 17, 9032.	2.6	22
10	Combined Effect of Biopolymer and Fiber Inclusions on Unconfined Compressive Strength of Soft Soil. Polymers, 2022, 14, 787.	4.5	13