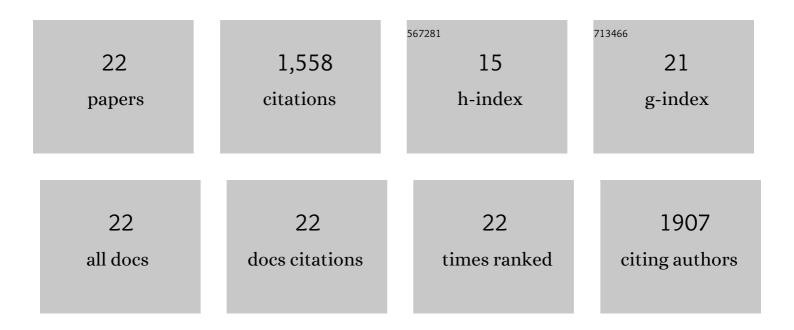
Wangchen Huo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Heterojunction interface of zinc oxide and zinc sulfide promoting reactive molecules activation and carrier separation toward efficient photocatalysis. Journal of Colloid and Interface Science, 2021, 588, 826-837.	9.4	32
2	Motivated surface reaction thermodynamics on the bismuth oxyhalides with lattice strain for enhanced photocatalytic NO oxidation. Applied Catalysis B: Environmental, 2021, 284, 119694.	20.2	28
3	Unveiling the Role of Atomically Dispersed Active Sites over Amorphous Iron Oxide Supported Pt Catalysts for Complete Catalytic Ozonation of Toluene at Low Temperature. Industrial & Engineering Chemistry Research, 2021, 60, 3881-3892.	3.7	13
4	Construction of advanced 3D Co3S4@PPy nanowire anchored on nickel foam for high-performance electrochemical energy storage. Electrochimica Acta, 2020, 334, 135635.	5.2	16
5	Birnessite based nanostructures for supercapacitors: challenges, strategies and prospects. Nanoscale Advances, 2020, 2, 37-54.	4.6	61
6	Facile construction of Bi2Mo3O12@Bi2O2CO3 heterojunctions for enhanced photocatalytic efficiency toward NO removal and study of the conversion process. Chinese Journal of Catalysis, 2020, 41, 268-275.	14.0	39
7	Supercapacitor nanomaterials. , 2020, , 295-324.		6
8	Controllable synthesis of a 3D ZnS@MoO ₃ heterojunction <i>via</i> a hydrothermal method towards efficient NO purification under visible light. CrystEngComm, 2020, 22, 257-266.	2.6	9
9	Facile constructing ZnO/ZnCO3 heterojunction for high-performance photocatalytic NO oxidation and reaction pathway study. Journal of Materials Science: Materials in Electronics, 2020, 31, 4527-4534.	2.2	3
10	Organic-Inorganic-Induced Polymer Intercalation into Layered Composites for Aqueous Zinc-Ion Battery. CheM, 2020, 6, 968-984.	11.7	274
11	High-rate asymmetrical supercapacitors based on cobalt-doped birnessite nanotubes and Mn-FeOOH nanotubes. Chemical Communications, 2020, 56, 3257-3260.	4.1	12
12	Morphological evolution process of δ-MnO2 from 2-D to 1-D without phase transition. CrystEngComm, 2019, 21, 4593-4598.	2.6	8
13	Rapid oxidation-etching synthesis of low-crystalline δ-MnO2 tubular nanostructures under ambient with high capacitance. Journal of Colloid and Interface Science, 2019, 557, 168-173.	9.4	6
14	One-step hydrothermal synthesis of Cu-doped MnO2 coated diatomite for degradation of methylene blue in Fenton-like system. Journal of Colloid and Interface Science, 2019, 556, 466-475.	9.4	39
15	Carbonate doped Bi2MoO6 hierarchical nanostructure with enhanced transformation of active radicals for efficient photocatalytic removal of NO. Journal of Colloid and Interface Science, 2019, 557, 816-824.	9.4	24
16	Carbonate-intercalated defective bismuth tungstate for efficiently photocatalytic NO removal and promotion mechanism study. Applied Catalysis B: Environmental, 2019, 254, 206-213.	20.2	58
17	Diethyl ether as self-healing electrolyte additive enabled long-life rechargeable aqueous zinc ion batteries. Nano Energy, 2019, 62, 275-281.	16.0	455
18	Built-in oriented electric field facilitating durable Zn MnO2 battery. Nano Energy, 2019, 62, 79-84.	16.0	150

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#	Article	IF	CITATIONS
19	Anion intercalated layered-double-hydroxide structure for efficient photocatalytic NO remove. Green Energy and Environment, 2019, 4, 270-277.	8.7	30
20	Approaching the lithium-manganese oxides' energy storage limit with Li2MnO3 nanorods for high-performance supercapacitor. Nano Energy, 2018, 43, 168-176.	16.0	128
21	Direct growth of CuCo ₂ S ₄ nanosheets on carbon fiber textile with enhanced electrochemical pseudocapacitive properties and electrocatalytic properties towards glucose oxidation. Nanoscale, 2018, 10, 14304-14313.	5.6	119
22	Sodium ions pre-intercalation stabilized tunnel structure of Na2Mn8O16 nanorods for supercapacitors with long cycle life. Chemical Engineering Journal, 2018, 354, 1050-1057.	12.7	48