

Yongxiao Tuo

List of Publications by Year in descending order

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33
papers

1,144
citations

430874

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docs citations

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times ranked

897
citing authors

#	ARTICLE	IF	CITATIONS
1	Hierarchical Cu ₃ P-based nanoarrays on nickel foam as efficient electrocatalysts for overall water splitting. <i>Green Energy and Environment</i> , 2022, 7, 236-245.	8.7	15
2	Interfacial polarization in ultra-small Co ₃ S ₄ @MoS ₂ heterostructure for efficient electrocatalytic hydrogen evolution reaction. <i>Applied Materials Today</i> , 2022, 26, 101311.	4.3	21
3	Dual Role of Pyridinic-N Doping in Carbon-Coated Ni Nanoparticles for Highly Efficient Electrochemical CO ₂ Reduction to CO over a Wide Potential Range. <i>ACS Catalysis</i> , 2022, 12, 1364-1374.	11.2	73
4	Synthesis of P-doped NiS as an electrode material for supercapacitors with enhanced rate capability and cycling stability. <i>New Journal of Chemistry</i> , 2022, 46, 6461-6469.	2.8	5
5	In-situ doping-induced lattice strain of NiCoP/S nanocrystals for robust wide pH hydrogen evolution electrocatalysis and supercapacitor. <i>Journal of Energy Chemistry</i> , 2022, 70, 27-35.	12.9	32
6	Achieving ultra-dispersed 1T-Co-MoS ₂ @HMCS via space-confined engineering for highly efficient hydrogen evolution in the universal pH range. <i>Inorganic Chemistry Frontiers</i> , 2022, 9, 2617-2627.	6.0	5
7	Strandberg-type polyoxometalate deriving O,P co-doped NiMoS/CC catalyst for highly efficient hydrogen evolution electrocatalysis. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 25571-25582.	7.1	7
8	Engineering the efficient three-dimension hollow cubic carbon from vacuum residuum with enhanced mass transfer ability towards H ₂ O ₂ production. <i>Chinese Journal of Chemical Engineering</i> , 2021, 38, 98-105.	3.5	1
9	Ultra-small Co/CoO nanoparticles dispersed on N-doped carbon nanosheets for highly efficient electrocatalytic oxygen evolution reaction. <i>Journal of Energy Chemistry</i> , 2021, 55, 345-354.	12.9	29
10	Ta-doping triggered electronic structural engineering and strain effect in NiFe LDH for enhanced water oxidation. <i>Chemical Engineering Journal</i> , 2021, 403, 126297.	12.7	154
11	Carbon nanotubes-supported Pt catalysts for decalin dehydrogenation to release hydrogen: A comparison between nitrogen- and oxygen-surface modification. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 930-942.	7.1	8
12	An efficient and stable coral-like CoFeS ₂ for wearable flexible all-solid-state asymmetric supercapacitor applications. <i>New Journal of Chemistry</i> , 2021, 45, 16606-16616.	2.8	8
13	The facile synthesis of core-shell PtCu nanoparticles with superior electrocatalytic activity and stability in the hydrogen evolution reaction. <i>RSC Advances</i> , 2021, 11, 26326-26335.	3.6	20
14	Embedding anion-doped Fe ₇ S ₈ in N-doped carbon matrix and shell for fast and stable sodium storage. <i>Materials Chemistry and Physics</i> , 2021, 264, 124456.	4.0	18
15	Mesopore-free Strategy to Construct Hierarchical TS-1 in a Highly Concentrated System for Gas-Phase Propene Epoxidation with H ₂ and O ₂ . <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 26134-26142.	8.0	22
16	Regulating light olefins or aromatics production in ex-situ catalytic pyrolysis of biomass by engineering the structure of tin modified ZSM-5 catalyst. <i>Bioresource Technology</i> , 2021, 330, 124975.	9.6	25
17	Hierarchical trimetallic Co-Ni-Fe oxides derived from core-shell structured metal-organic frameworks for highly efficient oxygen evolution reaction. <i>Applied Catalysis B: Environmental</i> , 2021, 287, 119953.	20.2	175
18	Partial positively charged Pt in Pt/MgAl ₂ O ₄ for enhanced dehydrogenation activity. <i>Applied Catalysis B: Environmental</i> , 2021, 288, 119996.	20.2	44

#	ARTICLE	IF	CITATIONS
19	Constructing RuCoO _x /NC Nanosheets with Low Crystallinity within ZIF-9 as Bifunctional Catalysts for Highly Efficient Overall Water Splitting. <i>Chemistry - an Asian Journal</i> , 2021, 16, 2511-2519.	3.3	6
20	Phosphorus Induced Electron Localization of Single Iron Sites for Boosted CO ₂ Electroreduction Reaction. <i>Angewandte Chemie</i> , 2021, 133, 23806-23810.	2.0	22
21	Phosphorus Induced Electron Localization of Single Iron Sites for Boosted CO ₂ Electroreduction Reaction. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 23614-23618.	13.8	197
22	Bifunctional Fe ₃ O ₄ /Au/CoFe-LDH Sandwich-Structured Electrocatalyst for Asymmetrical Electrolyzer with Low Operation Voltage. <i>Small</i> , 2021, 17, e2103307.	10.0	22
23	Searching for efficient defect types in carbon nanofibers to promote supported Pt catalytic activity for dehydrogenation reaction. <i>Catalysis Today</i> , 2020, 347, 87-95.	4.4	7
24	Identifying the role of Ni and Fe in Ni-Fe co-doped orthorhombic CoSe ₂ for driving enhanced electrocatalytic activity for oxygen evolution reaction. <i>Electrochimica Acta</i> , 2020, 335, 135682.	5.2	39
25	Highly efficient CoMoS heterostructure derived from vertically anchored Co ₅ Mo ₁₀ polyoxometalate for electrocatalytic overall water splitting. <i>Chemical Engineering Journal</i> , 2020, 394, 124849.	12.7	67
26	Synthesis and identifying the active site of Cu ₂ Se@CoSe nano-composite for enhanced electrocatalytic oxygen evolution. <i>Electrochimica Acta</i> , 2019, 320, 134589.	5.2	21
27	Density functional theory study of decalin dehydrogenation for hydrogen release on Pt(111) and Pt(211). <i>International Journal of Hydrogen Energy</i> , 2018, 43, 19575-19588.	7.1	19
28	Graphene-CNT composite as catalyst support for microwave-assisted hydrogen releasing from liquid organic hydride. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 17403-17413.	7.1	13
29	Microwave-assisted hydrogen releasing from liquid organic hydride over Pt/CNT catalyst: Effects of oxidation treatment of CNTs. <i>Catalysis Today</i> , 2016, 276, 121-127.	4.4	16
30	Kinetic behavior of Pt catalyst supported on structured carbon nanofiber bed during hydrogen releasing from decalin. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 10755-10765.	7.1	11
31	Engineering Pt/carbon-nanofibers/carbon-paper composite towards highly efficient catalyst for hydrogen evolution from liquid organic hydride. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 12217-12226.	7.1	15
32	Effects of carbon support on microwave-assisted catalytic dehydrogenation of decalin. <i>Carbon</i> , 2014, 67, 775-783.	10.3	21
33	Mesoporous Mn-Doped FeP: Facile Synthesis and Enhanced Electrocatalytic Activity for Hydrogen Evolution in a Wide pH Range. <i>ACS Sustainable Chemistry and Engineering</i> , 0, , .	6.7	6