

Wan-Ting Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4367344/publications.pdf>

Version: 2024-02-01

27
papers

1,982
citations

361413
20
h-index

526287
27
g-index

27
all docs

27
docs citations

27
times ranked

2696
citing authors

#	ARTICLE	IF	CITATIONS
1	Molten NaCl-Assisted Synthesis of Porous Fe-N Electrochemical Catalysts with a High Density of Catalytically Accessible FeN ₄ -Active Sites and Outstanding Oxygen Reduction Reaction Performance. <i>Advanced Energy Materials</i> , 2021, 11, 2100219.	19.5	160
2	Green synthesis of akaganite (Î²-FeOOH) nanocomposites as peroxidase-mimics and application for discoloration of methylene blue. <i>Journal of Environmental Management</i> , 2021, 296, 113163.	7.8	12
3	Hierarchical TiO ₂ Nanoflower Photocatalysts with Remarkable Activity for Aqueous Methylene Blue Photo-Oxidation. <i>ACS Omega</i> , 2020, 5, 18919-18934.	3.5	45
4	A Nitrogen-Rich Covalent Triazine Framework as a Photocatalyst for Hydrogen Production. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-12.	1.7	6
5	Effect of alcohol sacrificial agent on the performance of Cu/TiO ₂ photocatalysts for UV-driven hydrogen production. <i>Applied Catalysis A: General</i> , 2020, 602, 117703.	4.3	30
6	Hierarchical Au/TiO ₂ nanoflower photocatalysts with outstanding performance for alcohol photoreforming under UV irradiation. <i>Applied Catalysis A: General</i> , 2020, 602, 117706.	4.3	25
7	Evolution of Zn(II) single atom catalyst sites during the pyrolysis-induced transformation of ZIF-8 to N-doped carbons. <i>Science Bulletin</i> , 2020, 65, 1743-1751.	9.0	115
8	Highly efficient electrocatalytic hydrogen evolution promoted by Oâ€Moâ€C interfaces of ultrafine Î²-Mo ₂ C nanostructures. <i>Chemical Science</i> , 2020, 11, 3523-3530.	7.4	54
9	Solar-active photocatalysts based on TiO ₂ and conductive polymer PEDOT for the removal of bisphenol A. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 396, 112546.	3.9	19
10	Tunable Synthesis of Hollow Metalâ€Nitrogenâ€Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , 2019, 13, 8087-8098.	14.6	106
11	Comparison of seed layers for smooth, low loss silver films used in ultraviolet-visible plasmonic imaging devices. <i>Thin Solid Films</i> , 2018, 656, 68-74.	1.8	12
12	3-Dimensionally ordered macroporous PEDOT ion-exchange resins prepared by vapor phase polymerization for triggered drug delivery: Fabrication and characterization. <i>Electrochimica Acta</i> , 2018, 269, 560-570.	5.2	17
13	Performance comparison of Ni/TiO ₂ and Au/TiO ₂ photocatalysts for H ₂ production in different alcohol-water mixtures. <i>Journal of Catalysis</i> , 2018, 367, 27-42.	6.2	97
14	Highly reactive anatase nanorod photocatalysts synthesized by calcination of hydrogen titanate nanotubes: Effect of calcination conditions on photocatalytic performance for aqueous dye degradation and H ₂ production in alcohol-water mixtures. <i>Applied Catalysis A: General</i> , 2018, 565, 98-118.	4.3	19
15	Achieving Color and Function with Structure: Optical and Catalytic Support Properties of ZrO ₂ Inverse Opal Thin Films. <i>ACS Omega</i> , 2018, 3, 9658-9674.	3.5	27
16	Novel Au/TiO ₂ photocatalysts for hydrogen production in alcoholâ€water mixtures based on hydrogen titanate nanotube precursors. <i>Journal of Catalysis</i> , 2015, 330, 238-254.	6.2	85
17	Effect of TiO ₂ polymorph and alcohol sacrificial agent on the activity of Au/TiO ₂ photocatalysts for H ₂ production in alcoholâ€water mixtures. <i>Journal of Catalysis</i> , 2015, 329, 499-513.	6.2	142
18	The roles of metal co-catalysts and reaction media in photocatalytic hydrogen production: Performance evaluation of M/TiO ₂ photocatalysts (M = Pd, Pt, Au) in different alcoholâ€water mixtures. <i>Journal of Catalysis</i> , 2015, 329, 355-367.	6.2	307

#	ARTICLE	IF	CITATIONS
19	Ni/TiO ₂ : A promising low-cost photocatalytic system for solar H ₂ production from ethanol-water mixtures. Journal of Catalysis, 2015, 326, 43-53.	6.2	162
20	Structural, Optical, and Catalytic Support Properties of γ -Al ₂ O ₃ Inverse Opals. Journal of Physical Chemistry C, 2015, 119, 6647-6659.	3.1	37
21	Electro-responsive macroporous polypyrrole scaffolds for triggered dexamethasone delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 94, 419-426.	4.3	49
22	Effect of the TiO ₂ Crystallite Size, TiO ₂ Polymorph and Test Conditions on the Photo-Oxidation Rate of Aqueous Methylene Blue. Topics in Catalysis, 2015, 58, 85-102.	2.8	30
23	Performance evaluation of Pd/TiO ₂ and Pt/TiO ₂ photocatalysts for hydrogen production from ethanol-water mixtures. International Journal of Nanotechnology, 2014, 11, 695.	0.2	24
24	Photocatalytic H ₂ production from ethanol over Au/TiO ₂ and Ag/TiO ₂ . International Journal of Nanotechnology, 2014, 11, 686.	0.2	18
25	Photocatalytic H ₂ Production from Ethanol-Water Mixtures Over Pt/TiO ₂ and Au/TiO ₂ Photocatalysts: A Comparative Study. Topics in Catalysis, 2013, 56, 1139-1151.	2.8	66
26	The role of CuO in promoting photocatalytic hydrogen production over TiO ₂ . International Journal of Hydrogen Energy, 2013, 38, 15036-15048.	7.1	129
27	Effect of gold loading and TiO ₂ support composition on the activity of Au/TiO ₂ photocatalysts for H ₂ production from ethanol-water mixtures. Journal of Catalysis, 2013, 305, 307-317.	6.2	189