

# Wan-Ting Chen

## List of Publications by Year in descending order

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27  
papers

1,982  
citations

411340

20  
h-index

591227

27  
g-index

27  
all docs

27  
docs citations

27  
times ranked

3041  
citing authors

#	ARTICLE	IF	CITATIONS
1	Molten NaCl-Assisted Synthesis of Porous Fe <sup>2+</sup> Electro-catalysts with a High Density of Catalytically Accessible FeN <sub>4</sub> -Active Sites and Outstanding Oxygen Reduction Reaction Performance. <i>Advanced Energy Materials</i> , 2021, 11, 2100219.	10.2	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.	3.8	12
3	Hierarchical TiO <sub>2</sub> Nanoflower Photocatalysts with Remarkable Activity for Aqueous Methylene Blue Photo-Oxidation. <i>ACS Omega</i> , 2020, 5, 18919-18934.	1.6	45
4	A Nitrogen-Rich Covalent Triazine Framework as a Photocatalyst for Hydrogen Production. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-12.	0.8	6
5	Effect of alcohol sacrificial agent on the performance of Cu/TiO <sub>2</sub> photocatalysts for UV-driven hydrogen production. <i>Applied Catalysis A: General</i> , 2020, 602, 117703.	2.2	30
6	Hierarchical Au/TiO <sub>2</sub> nanoflower photocatalysts with outstanding performance for alcohol photoreforming under UV irradiation. <i>Applied Catalysis A: General</i> , 2020, 602, 117706.	2.2	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.	4.3	115
8	Highly efficient electrocatalytic hydrogen evolution promoted by O <sup>2</sup> -Mo <sup>2+</sup> /C interfaces of ultrafine Î²-Mo <sub>2</sub> C nanostructures. <i>Chemical Science</i> , 2020, 11, 3523-3530.	3.7	54
9	Solar-active photocatalysts based on TiO <sub>2</sub> and conductive polymer PEDOT for the removal of bisphenol A. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 396, 112546.	2.0	19
10	Tunable Synthesis of Hollow Metal-Nitrogen-Carbon Capsules for Efficient Oxygen Reduction Catalysis in Proton Exchange Membrane Fuel Cells. <i>ACS Nano</i> , 2019, 13, 8087-8098.	7.3	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.	0.8	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.	2.6	17
13	Performance comparison of Ni/TiO <sub>2</sub> and Au/TiO <sub>2</sub> photocatalysts for H <sub>2</sub> production in different alcohol-water mixtures. <i>Journal of Catalysis</i> , 2018, 367, 27-42.	3.1	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 <sub>2</sub> production in alcohol-water mixtures. <i>Applied Catalysis A: General</i> , 2018, 565, 98-118.	2.2	19
15	Achieving Color and Function with Structure: Optical and Catalytic Support Properties of ZrO <sub>2</sub> Inverse Opal Thin Films. <i>ACS Omega</i> , 2018, 3, 9658-9674.	1.6	27
16	Novel Au/TiO <sub>2</sub> photocatalysts for hydrogen production in alcohol-water mixtures based on hydrogen titanate nanotube precursors. <i>Journal of Catalysis</i> , 2015, 330, 238-254.	3.1	85
17	Effect of TiO <sub>2</sub> polymorph and alcohol sacrificial agent on the activity of Au/TiO <sub>2</sub> photocatalysts for H <sub>2</sub> production in alcohol-water mixtures. <i>Journal of Catalysis</i> , 2015, 329, 499-513.	3.1	142
18	The roles of metal co-catalysts and reaction media in photocatalytic hydrogen production: Performance evaluation of M/TiO <sub>2</sub> photocatalysts (M = Pd, Pt, Au) in different alcohol-water mixtures. <i>Journal of Catalysis</i> , 2015, 329, 355-367.	3.1	307

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19	Ni/TiO <sub>2</sub> : A promising low-cost photocatalytic system for solar H <sub>2</sub> production from ethanol-water mixtures. <i>Journal of Catalysis</i> , 2015, 326, 43-53.	3.1	162
20	Structural, Optical, and Catalytic Support Properties of Al <sub>2</sub> O <sub>3</sub> Inverse Opals. <i>Journal of Physical Chemistry C</i> , 2015, 119, 6647-6659.	1.5	37
21	Electro-responsive macroporous polypyrrole scaffolds for triggered dexamethasone delivery. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 94, 419-426.	2.0	49
22	Effect of the TiO <sub>2</sub> Crystallite Size, TiO <sub>2</sub> Polymorph and Test Conditions on the Photo-Oxidation Rate of Aqueous Methylene Blue. <i>Topics in Catalysis</i> , 2015, 58, 85-102.	1.3	30
23	Performance evaluation of Pd/TiO <sub>2</sub> and Pt/TiO <sub>2</sub> photocatalysts for hydrogen production from ethanol-water mixtures. <i>International Journal of Nanotechnology</i> , 2014, 11, 695.	0.1	24
24	Photocatalytic H <sub>2</sub> production from ethanol over Au/TiO <sub>2</sub> and Ag/TiO <sub>2</sub> . <i>International Journal of Nanotechnology</i> , 2014, 11, 686.	0.1	18
25	Photocatalytic H <sub>2</sub> Production from Ethanol-Water Mixtures Over Pt/TiO <sub>2</sub> and Au/TiO <sub>2</sub> Photocatalysts: A Comparative Study. <i>Topics in Catalysis</i> , 2013, 56, 1139-1151.	1.3	66
26	The role of CuO in promoting photocatalytic hydrogen production over TiO <sub>2</sub> . <i>International Journal of Hydrogen Energy</i> , 2013, 38, 15036-15048.	3.8	129
27	Effect of gold loading and TiO <sub>2</sub> support composition on the activity of Au/TiO <sub>2</sub> photocatalysts for H <sub>2</sub> production from ethanol-water mixtures. <i>Journal of Catalysis</i> , 2013, 305, 307-317.	3.1	189