

Chia-Ming Wu

List of Publications by Year in descending order

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33
papers

1,366
citations

430874

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395702

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docs citations

34
times ranked

2657
citing authors

#	ARTICLE	IF	CITATIONS
1	A Kinetic Study of Photocatalytic Degradation of Phenol over Titania-Silica Mixed Oxide Materials under UV Illumination. <i>Catalysts</i> , 2022, 12, 193.	3.5	9
2	Facile Synthesis of 1,3,5-Triarylbenzenes and 4-Aryl-1,2,3-Triazoles Using Mesoporous Pd-MCM-41 as Reusable Catalyst. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 104-111.	2.4	16
3	Iron Oxide Nanoparticle Delivery of Peptides to the Brain: Reversal of Anxiety during Drug Withdrawal. <i>Frontiers in Neuroscience</i> , 2017, 11, 608.	2.8	37
4	An ionic liquid-mesoporous silica blend as a novel adsorbent for the adsorption and recovery of palladium ions, and its applications in continuous flow study and as an industrial catalyst. <i>RSC Advances</i> , 2016, 6, 26668-26678.	3.6	35
5	Fe-SBA-15 catalyzed synthesis of 2-alkoxyimidazo[1,2-a]pyridines and screening of their in silico selectivity and binding affinity to biological targets. <i>New Journal of Chemistry</i> , 2016, 40, 9753-9760.	2.8	18
6	Efficient photocatalytic hydrogen evolution system by assembling earth abundant Ni ₃ O ₄ nanoclusters in cubic MCM-48 mesoporous materials. <i>RSC Advances</i> , 2016, 6, 59169-59180.	3.6	8
7	Solar hydrogen generation over CdS incorporated in Ti-MCM-48 mesoporous materials under visible light illumination. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 4106-4119.	7.1	19
8	Nanocasting of Periodic Mesoporous Materials as an Effective Strategy to Prepare Mixed Phases of Titania. <i>Molecules</i> , 2015, 20, 21881-21895.	3.8	8
9	Investigation of Room Temperature Synthesis of Titanium Dioxide Nanoclusters Dispersed on Cubic MCM-48 Mesoporous Materials. <i>Catalysts</i> , 2015, 5, 1603-1621.	3.5	8
10	Expedition one-pot three component synthesis of N-aryl dithiocarbamate derivatives using mesoporous Cu-materials. <i>Tetrahedron Letters</i> , 2015, 56, 1609-1613.	1.4	5
11	Robust and effective Ru-bipyridyl dye sensitized Ti-MCM-48 cubic mesoporous materials for photocatalytic hydrogen evolution under visible light illumination. <i>Catalysis Communications</i> , 2015, 65, 14-19.	3.3	13
12	Modulation of Pore Sizes of Titanium Dioxide Photocatalysts by a Facile Template Free Hydrothermal Synthesis Method: Implications for Photocatalytic Degradation of Rhodamine B. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 4368-4380.	8.0	94
13	Solar simulated hydrogen evolution using cobalt oxide nanoclusters deposited on titanium dioxide mesoporous materials prepared by evaporation induced self-assembly process. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 10795-10806.	7.1	9
14	Pd-Ti-MCM-48 cubic mesoporous materials for solar simulated hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2015, 40, 905-918.	7.1	21
15	REACTIVITY AND MORPHOLOGY OF Ni, Mo, AND Ni-Mo OXIDE CLUSTERS SUPPORTED ON MCM-48 TOWARD THIOPHENE HYDRODESULPHURIZATION. <i>Surface Review and Letters</i> , 2014, 21, 1450060.	1.1	1
16	Preparation of TiO ₂ -SiO ₂ aperiodic mesoporous materials with controllable formation of tetrahedrally coordinated Ti ⁴⁺ ions and their performance for photocatalytic hydrogen production. <i>International Journal of Hydrogen Energy</i> , 2014, 39, 127-136.	7.1	29
17	Iron oxide nanoparticles induce <i>Pseudomonas aeruginosa</i> growth, induce biofilm formation, and inhibit antimicrobial peptide function. <i>Environmental Science: Nano</i> , 2014, 1, 123.	4.3	96
18	Competitive role of structural properties of titania-silica mixed oxides and a mechanistic study of the photocatalytic degradation of phenol. <i>Applied Catalysis B: Environmental</i> , 2014, 148-149, 394-405.	20.2	41

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19	Insight into band positions and inter-particle electron transfer dynamics between CdS nanoclusters and spatially isolated TiO ₂ dispersed in cubic MCM-48 mesoporous materials: a highly efficient system for photocatalytic hydrogen evolution under visible light illumination. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 2048-2061.	2.8	17
20	Mesoporous coupled ZnO/TiO ₂ photocatalyst nanocomposites for hydrogen generation. <i>Journal of Renewable and Sustainable Energy</i> , 2013, 5, .	2.0	39
21	Synthesis-Dependent Oxidation State of Platinum on TiO ₂ and Their Influences on the Solar Simulated Photocatalytic Hydrogen Production from Water. <i>Journal of Physical Chemistry C</i> , 2013, 117, 16850-16862.	3.1	40
22	Synthesis and characterization of ligand stabilized CdS-Trititanate composite materials for visible light-induced photocatalytic water splitting. <i>International Journal of Hydrogen Energy</i> , 2013, 38, 2656-2669.	7.1	23
23	Influence of Ti-O-Si hetero-linkages in the photocatalytic degradation of Rhodamine B. <i>Catalysis Communications</i> , 2013, 31, 66-70.	3.3	54
24	Facile synthesis of MOF-5 confined in SBA-15 hybrid material with enhanced hydrostability. <i>Chemical Communications</i> , 2013, 49, 1223.	4.1	78
25	Synthesis of mixed phase anatase-TiO ₂ (B) by a simple wet chemical method. <i>Materials Letters</i> , 2013, 95, 175-177.	2.6	15
26	Exploration of the role of anions in the synthesis of Cr containing mesoporous materials at room temperature. <i>Microporous and Mesoporous Materials</i> , 2013, 170, 211-225.	4.4	6
27	Investigation of the role of platinum oxide for the degradation of phenol under simulated solar irradiation. <i>Applied Catalysis B: Environmental</i> , 2013, 136-137, 248-259.	20.2	19
28	Ultra-stable CdS incorporated Ti-MCM-48 mesoporous materials for efficient photocatalytic decomposition of water under visible light illumination. <i>Chemical Communications</i> , 2013, 49, 3221.	4.1	64
29	Visible light driven photocatalytic evolution of hydrogen from water over CdS encapsulated MCM-48 materials. <i>RSC Advances</i> , 2012, 2, 5754.	3.6	53
30	Dissolution of ZnO Nanoparticles at Circumneutral pH: A Study of Size Effects in the Presence and Absence of Citric Acid. <i>Langmuir</i> , 2012, 28, 396-403.	3.5	321
31	Enhanced photocatalytic water splitting activity of carbon-modified TiO ₂ composite materials synthesized by a green synthetic approach. <i>International Journal of Hydrogen Energy</i> , 2012, 37, 8257-8267.	7.1	101
32	Sulfur Dioxide Adsorption on ZnO Nanoparticles and Nanorods. <i>Journal of Physical Chemistry C</i> , 2011, 115, 10164-10172.	3.1	68
33	Size-, and Shape-Selective Synthesis of Platinum Nanoparticles from Pt(<i>l</i> ² -Diketonate) ₂ Complexes in Organic Media. <i>Journal of Nanoscience and Nanotechnology</i> , 2010, 10, 5715-5722.	0.9	1