

Chih-Li Chang

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

912
citations

516215

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25
times ranked

850
citing authors

#	ARTICLE	IF	CITATIONS
1	Biaxially extended side-chain conjugation of benzodithiophene-based polymer dots for superior photocatalytic stability under visible-light irradiation. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106927.	3.3	11
2	Sulfide oxidation tuning in 4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2- <i>b</i> :4,5- <i>b'</i>]-dithiophene based dual acceptor copolymers for highly efficient photocatalytic hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2022, 10, 6641-6648.	5.2	25
3	Solvent polarity tuning to enhance the crystallinity of 2D-covalent organic frameworks for visible-light-driven hydrogen generation. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12378-12390.	5.2	43
4	Unraveling the active sites of Cs-promoted Ru ^{III} -Al ₂ O ₃ catalysts for ammonia synthesis. <i>Applied Catalysis B: Environmental</i> , 2022, 310, 121269.	10.8	12
5	Mechanistic Understanding of Visible-Light-Driven Hydrogen Evolution on Pt Sites in Organic Nanohybrids Enhanced with Hydroxyl Additives. <i>ACS Applied Energy Materials</i> , 2022, 5, 7950-7955.	2.5	0
6	Visible-light-driven hydrogen evolution using nitrogen-doped carbon quantum dot-implanted polymer dots as metal-free photocatalysts. <i>Applied Catalysis B: Environmental</i> , 2021, 283, 119659.	10.8	94
7	Highly thermal stable electron-transporting materials using triptycene derivatives for OLEDs. <i>Organic Electronics</i> , 2021, 88, 106013.	1.4	21
8	Triptycene-based discontinuously-conjugated covalent organic polymer photocatalysts for visible-light-driven hydrogen evolution from water. <i>Applied Catalysis B: Environmental</i> , 2021, 285, 119802.	10.8	63
9	Realizing Nonvolatile Photomemories with Multilevel Memory Behaviors Using Water-Processable Polymer Dots-Based Hybrid Floating Gates. <i>ACS Applied Electronic Materials</i> , 2021, 3, 1708-1718.	2.0	11
10	Effect of energy bandgap and sacrificial agents of cyclopentadithiophene-based polymers for enhanced photocatalytic hydrogen evolution. <i>Applied Catalysis B: Environmental</i> , 2021, 298, 120577.	10.8	37
11	Plasmon-Enhanced Solar-Driven Hydrogen Evolution Using Titanium Nitride Metasurface Broadband Absorbers. <i>ACS Photonics</i> , 2021, 8, 3125-3132.	3.2	32
12	Hydrophobic and Hydrophilic Conjugated Polymer Dots as Binary Photocatalysts for Enhanced Visible-Light-Driven Hydrogen Evolution through Förster Resonance Energy Transfer. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 56554-56565.	4.0	19
13	Fluorenone/carbazole based bipolar small molecules for non-volatile memory devices. <i>Organic Electronics</i> , 2020, 78, 105584.	1.4	11
14	Low-toxic cycloplatinated polymer dots with rational design of acceptor co-monomers for enhanced photocatalytic efficiency and stability. <i>Applied Catalysis B: Environmental</i> , 2020, 268, 118436.	10.8	56
15	Design and synthesis of cyclometalated iridium-based polymer dots as photocatalysts for visible light-driven hydrogen evolution. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 32072-32081.	3.8	34
16	Design and synthesis of phenylphosphine oxide-based polymer photocatalysts for highly efficient visible-light-driven hydrogen evolution. <i>Sustainable Energy and Fuels</i> , 2020, 4, 5264-5270.	2.5	42
17	Superficial Pd nanoparticles supported on carbonaceous SBA-15 as efficient hydrotreating catalyst for upgrading biodiesel fuel. <i>Applied Catalysis A: General</i> , 2020, 602, 117707.	2.2	20
18	Effect of controlling the number of fused rings on polymer photocatalysts for visible-light-driven hydrogen evolution. <i>Journal of Materials Chemistry A</i> , 2019, 7, 22924-22929.	5.2	51

#	ARTICLE	IF	CITATIONS
19	Entirely, Intrinsically, and Autonomously Self-Healable, Highly Transparent, and Superstretchable Triboelectric Nanogenerator for Personal Power Sources and Self-Powered Electronic Skins. <i>Advanced Functional Materials</i> , 2019, 29, 1904626.	7.8	130
20	A bio-inspired electronic synapse using solution processable organic small molecule. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1491-1501.	2.7	59
21	Flexible Pyrene/Phenanthro[9,10- <i>cd</i>]imidazole-Based Memristive Devices for Mimicking Synaptic Plasticity. <i>Advanced Intelligent Systems</i> , 2019, 1, 1900008.	3.3	30
22	Design and Synthesis of Cycloplatinated Polymer Dots as Photocatalysts for Visible-Light-Driven Hydrogen Evolution. <i>ACS Catalysis</i> , 2018, 8, 7766-7772.	5.5	108