Chih-Li Chang

List of Publications by Year
in descending order

22 papers	912 citations	516215 16 h-index	642321 23 g-index
25 all docs	25 docs citations	25 times ranked	850 citing authors

#	Article	IF	Citations
1	Entirely, Intrinsically, and Autonomously Selfâ€Healable, Highly Transparent, and Superstretchable Triboelectric Nanogenerator for Personal Power Sources and Selfâ€Powered Electronic Skins. Advanced Functional Materials, 2019, 29, 1904626.	7.8	130
2	Design and Synthesis of Cycloplatinated Polymer Dots as Photocatalysts for Visible-Light-Driven Hydrogen Evolution. ACS Catalysis, 2018, 8, 7766-7772.	5.5	108
3	Visible-light-driven hydrogen evolution using nitrogen-doped carbon quantum dot-implanted polymer dots as metal-free photocatalysts. Applied Catalysis B: Environmental, 2021, 283, 119659.	10.8	94
4	Triptycene-based discontinuously-conjugated covalent organic polymer photocatalysts for visible-light-driven hydrogen evolution from water. Applied Catalysis B: Environmental, 2021, 285, 119802.	10.8	63
5	A bio-inspired electronic synapse using solution processable organic small molecule. Journal of Materials Chemistry C, 2019, 7, 1491-1501.	2.7	59
6	Low-toxic cycloplatinated polymer dots with rational design of acceptor co-monomers for enhanced photocatalytic efficiency and stability. Applied Catalysis B: Environmental, 2020, 268, 118436.	10.8	56
7	Effect of controlling the number of fused rings on polymer photocatalysts for visible-light-driven hydrogen evolution. Journal of Materials Chemistry A, 2019, 7, 22924-22929.	5.2	51
8	Solvent polarity tuning to enhance the crystallinity of 2D-covalent organic frameworks for visible-light-driven hydrogen generation. Journal of Materials Chemistry A, 2022, 10, 12378-12390.	5.2	43
9	Design and synthesis of phenylphosphine oxide-based polymer photocatalysts for highly efficient visible-light-driven hydrogen evolution. Sustainable Energy and Fuels, 2020, 4, 5264-5270.	2.5	42
10	Effect of energy bandgap and sacrificial agents of cyclopentadithiophene-based polymers for enhanced photocatalytic hydrogen evolution. Applied Catalysis B: Environmental, 2021, 298, 120577.	10.8	37
11	Design and synthesis of cyclometalated iridium-based polymer dots as photocatalysts for visible light-driven hydrogen evolution. International Journal of Hydrogen Energy, 2020, 45, 32072-32081.	3.8	34
12	Plasmon-Enhanced Solar-Driven Hydrogen Evolution Using Titanium Nitride Metasurface Broadband Absorbers. ACS Photonics, 2021, 8, 3125-3132.	3.2	32
13	Flexible Pyrene/Phenanthro[9,10â€d]imidazoleâ€Based Memristive Devices for Mimicking Synaptic Plasticity. Advanced Intelligent Systems, 2019, 1, 1900008.	3.3	30
14	Sulfide oxidation tuning in 4,8-bis(5-(2-ethylhexyl)thiophen-2-yl)benzo[1,2-b:4,5-bâ€²]dithiophene based dual acceptor copolymers for highly efficient photocatalytic hydrogen evolution. Journal of Materials Chemistry A, 2022, 10, 6641-6648.	5.2	25
15	Highly thermal stable electron-transporting materials using triptycene derivatives for OLEDs. Organic Electronics, 2021, 88, 106013.	1.4	21
16	Superficial Pd nanoparticles supported on carbonaceous SBA-15 as efficient hydrotreating catalyst for upgrading biodiesel fuel. Applied Catalysis A: General, 2020, 602, 117707.	2.2	20
17	Hydrophobic and Hydrophilic Conjugated Polymer Dots as Binary Photocatalysts for Enhanced Visible-Light-Driven Hydrogen Evolution through FÃ¶rster Resonance Energy Transfer. ACS Applied Materials & Interfaces, 2021, 13, 56554-56565.	4.0	19
18	Unraveling the active sites of Cs-promoted Ru/Î³-Al2O3 catalysts for ammonia synthesis. Applied Catalysis B: Environmental, 2022, 310, 121269.	10.8	12

#	Article	IF	Citations
19	Fluorenone/carbazole based bipolar small molecules for non-volatile memory devices. Organic Electronics, 2020, 78, 105584.	1.4	11
20	Realizing Nonvolatile Photomemories with Multilevel Memory Behaviors Using Water-Processable Polymer Dots-Based Hybrid Floating Gates. ACS Applied Electronic Materials, 2021, 3, 1708-1718.	2.0	11
21	Biaxially extended side-chain conjugation of benzodithiophene-based polymer dots for superior photocatalytic stability under visible-light irradiation. Journal of Environmental Chemical Engineering, 2022, 10, 106927.	3.3	11
22	Mechanistic Understanding of Visible-Light-Driven Hydrogen Evolution on Pt Sites in Organic Nanohybrids Enhanced with Hydroxyl Additives. ACS Applied Energy Materials, 2022, 5, 7950-7955.	2.5	0