

Sophia Chao-Wei Huang

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

742
citations

1478505

6
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen Production from Semiconductor-based Photocatalysis via Water Splitting. <i>Catalysts</i> , 2012, 2, 490-516.	3.5	391
2	Theoretical Investigation of the Metal-Doped SrTiO ₃ Photocatalysts for Water Splitting. <i>Journal of Physical Chemistry C</i> , 2012, 116, 7897-7903.	3.1	134
3	In situ DRIFTS study of photocatalytic CO ₂ reduction under UV irradiation. <i>Frontiers of Chemical Engineering in China</i> , 2010, 4, 120-126.	0.6	107
4	A Redox-Based Resistive Switching Memory Device Consisting of Organic-Inorganic Hybrid Perovskite/Polymer Composite Thin Film. <i>Advanced Electronic Materials</i> , 2017, 3, 1700344.	5.1	67
5	Nanostructure- and Orientation-Controlled Resistive Memory Behaviors of Carbohydrate- <i>block</i> -Polystyrene with Different Molecular Weights via Solvent Annealing. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 23217-23224.	8.0	16
6	Parylene-Based Porous Scaffold with Functionalized Encapsulation of Platelet-Rich Plasma and Living Stem Cells for Tissue Engineering Applications. <i>ACS Applied Bio Materials</i> , 2020, 3, 7193-7201.	4.6	7
7	Multi-state memristive behavior in a light-emitting electrochemical cell. <i>Journal of Materials Chemistry C</i> , 2017, 5, 11421-11428.	5.5	6
8	A Robust, Air-Stable and Recyclable Hydrogel Toward Stretchable Electronic Device Applications. <i>Macromolecular Materials and Engineering</i> , 2018, 303, 1800282.	3.6	6
9	A facile novel fluorocarbon copolymer solution coating process for improving platelet compatibility of titanium. <i>Materials Science and Engineering C</i> , 2017, 80, 584-593.	7.3	3
10	Synergistic and Regulatable Bioremediation Capsules Fabrication Based on Vapor-Phased Encapsulation of Bacillus Bacteria and its Regulator by Poly-p-Xylylene. <i>Polymers</i> , 2021, 13, 41.	4.5	3
11	Visible-light-active photocatalytic thin film by RF sputtering for hydrogen generation. <i>Asia-Pacific Journal of Chemical Engineering</i> , 2013, 8, 283-291.	1.5	2