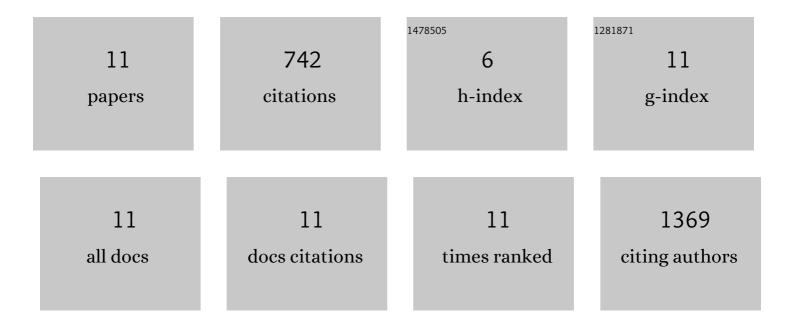
Sophia Chao-Wei Huang

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Synergistic and Regulatable Bioremediation Capsules Fabrication Based on Vapor-Phased Encapsulation of Bacillus Bacteria and its Regulator by Poly-p-Xylylene. Polymers, 2021, 13, 41. | 4.5 | 3 |
| 2 | Parylene-Based Porous Scaffold with Functionalized Encapsulation of Platelet-Rich Plasma and Living Stem Cells for Tissue Engineering Applications. ACS Applied Bio Materials, 2020, 3, 7193-7201. | 4.6 | 7 |
| 3 | Nanostructure- and Orientation-Controlled Resistive Memory Behaviors of Carbohydrate- <i>block</i> -Polystyrene with Different Molecular Weights via Solvent Annealing. ACS Applied Materials & Interfaces, 2020, 12, 23217-23224. | 8.0 | 16 |
| 4 | A Robust, Air‣table and Recyclable Hydrogel Toward Stretchable Electronic Device Applications. Macromolecular Materials and Engineering, 2018, 303, 1800282. | 3.6 | 6 |
| 5 | A Redoxâ€Based Resistive Switching Memory Device Consisting of Organic–Inorganic Hybrid Perovskite/Polymer Composite Thin Film. Advanced Electronic Materials, 2017, 3, 1700344. | 5.1 | 67 |
| 6 | A facile novel fluorocarbon copolymer solution coating process for improving platelet compatibility of titanium. Materials Science and Engineering C, 2017, 80, 584-593. | 7.3 | 3 |
| 7 | Multi-state memristive behavior in a light-emitting electrochemical cell. Journal of Materials Chemistry C, 2017, 5, 11421-11428. | 5.5 | 6 |
| 8 | Visibleâ€lightâ€active photocatalytic thin film by RF sputtering for hydrogen generation. Asia-Pacific Journal of Chemical Engineering, 2013, 8, 283-291. | 1.5 | 2 |
| 9 | Hydrogen Production from Semiconductor-based Photocatalysis via Water Splitting. Catalysts, 2012, 2, 490-516. | 3.5 | 391 |
| 10 | Theoretical Investigation of the Metal-Doped SrTiO ₃ Photocatalysts for Water Splitting. Journal of Physical Chemistry C, 2012, 116, 7897-7903. | 3.1 | 134 |
| 11 | In situ DRIFTS study of photocatalytic CO2 reduction under UV irradiation. Frontiers of Chemical | 0.6 | 107 |