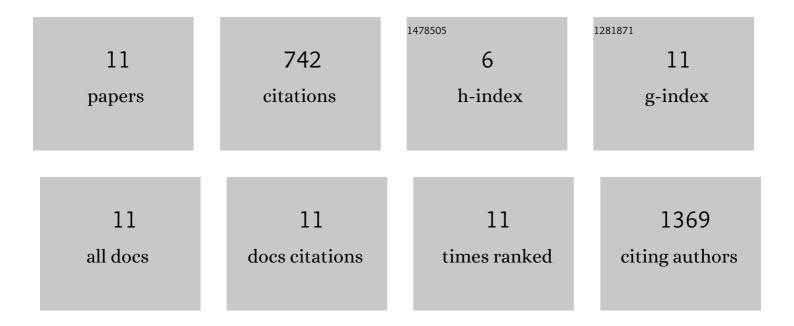
Sophia Chao-Wei Huang

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