

# Muhammad Sohail

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mixed cation 2D perovskite: a novel approach for enhanced perovskite solar cell stability. Sustainable Energy and Fuels, 2022, 6, 2471-2477.	4.9	9
2	Superhalogen Passivation for Efficient and Stable Perovskite Solar Cells. Solar Rrl, 2022, 6, .	5.8	23
3	Triarylamine-Functionalized Imidazolyl-Capped Bithiophene Hole Transporting Material for Cost-Effective Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2022, 14, 22053-22060.	8.0	8
4	Doped but Stable: Spirobisacridine Hole Transporting Materials for Hysteresis-Free and Stable Perovskite Solar Cells. Journal of the American Chemical Society, 2020, 142, 1792-1800.	13.7	39
5	Applications of Self-Assembled Monolayers for Perovskite Solar Cells Interface Engineering to Address Efficiency and Stability. Advanced Energy Materials, 2020, 10, 2002989.	19.5	117
6	Green Light-Responsive CO-Releasing Polymeric Materials Derived from Ring-Opening Metathesis Polymerization. ACS Applied Materials & Interfaces, 2019, 11, 34376-34384.	8.0	19
7	Effect of Electronic Coupling on Electron Transfer Rates from Photoexcited Naphthalenediimide Radical Anion to $\text{Re}(\text{bpy})(\text{CO})_3\text{X}$ . Journal of Physical Chemistry C, 2019, 123, 10178-10190.	3.1	10
8	Direct Observation of the Photoreduction Products of $\text{Mn}(\text{NDI-bpy})(\text{CO})_3\text{X}$ $\text{CO}_2$ Reduction Catalysts Using Femtosecond Transient IR Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 6416-6426.	3.1	4
9	Manganese carbonyl complexes for $\text{CO}_2$ reduction. Coordination Chemistry Reviews, 2018, 365, 60-74.	18.8	81
10	Photosensitisers for $\text{CO}_2$ photoreduction: from metal complexes to rylenes, an overview. Organometallic Chemistry, 2018, , 80-124.	0.6	2
11	A highly hindered bithiophene-functionalized dispiro-oxepine derivative as an efficient hole transporting material for perovskite solar cells. Journal of Materials Chemistry A, 2016, 4, 18259-18264.	10.3	78
12	Estimating the strength of the $\text{M} \cdots \text{H} \cdots \text{B}$ interaction: a kinetic approach. Dalton Transactions, 2013, 42, 6720.	3.3	8
13	Synthesis and Hydrolysis-Condensation Study of Water-Soluble Self-Assembled Pentacoordinate Polysilylamides. Organometallics, 2013, 32, 1721-1731.	2.3	22