

# Muhammad Sohail

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6329924/publications.pdf>

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13  
papers

421  
citations

1163117

8  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

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times ranked

702  
citing authors

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