Ushula M Tefashe

List of Publications by Year
in descending order

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10 papers	330 citations	1040056 9 h-index	1372567 10 g-index
10 all docs	10 docs citations	10 times ranked	320 citing authors

#	Article	IF	Citations
1	Evaluation of Carbon Based Molecular Junctions as Practical Photosensors. ACS Sensors, 2021, 6, 513-522.	7.8	11
2	Photostimulated Near-Resonant Charge Transport over 60 nm in Carbon-Based Molecular Junctions. Journal of the American Chemical Society, 2020, 142, 15420-15430.	13.7	15
3	Comment on â€œExtent of conjugation in diazonium-derived layers in molecular junction devices determined by experiment and modellingâ€•by C. Van Dyck, A. J. Bergren, V. Mukundan, J. A. Fereiro and G. A. DiLabio, Phys. Chem. Chem. Phys., 2019, 21, 16762. Physical Chemistry Chemical Physics, 2020, 22, 21543-21546.	2.8	1
4	Redox Flow Batteries: How to Determine Electrochemical Kinetic Parameters. ACS Nano, 2020, 14, 2575-2584.	14.6	118
5	Introducing mesoscopic charge transfer rates into molecular electronics. Physical Chemistry Chemical Physics, 2020, 22, 10828-10832.	2.8	14
6	Unipolar Injection and Bipolar Transport in Electroluminescent Ru-Centered Molecular Electronic Junctions. Journal of Physical Chemistry C, 2019, 123, 29162-29172.	3.1	10
7	Orbital Control of Long-Range Transport in Conjugated and Metal-Centered Molecular Electronic Junctions. Journal of Physical Chemistry C, 2018, 122, 29028-29038.	3.1	16
8	Internal Electric Field Modulation in Molecular Electronic Devices by Atmosphere and Mobile Ions. Journal of the American Chemical Society, 2018, 140, 7239-7247.	13.7	29
9	Robust Bipolar Light Emission and Charge Transport in Symmetric Molecular Junctions. Journal of the American Chemical Society, 2017, 139, 7436-7439.	13.7	55
10	Robust All-Carbon Molecular Junctions on Flexible or Semi-Transparent Substrates Using â€œProcess-Friendlyâ€•Fabrication. ACS Nano, 2016, 10, 8918-8928.	14.6	61