Mustafa Supur

List of Publications by Year
in descending order

31 papers	1,088 citations	516710 16 h-index	414414 32 g-index
34 all docs	34 docs citations	34 times ranked	1708 citing authors

#	Article	IF	Citations
1	Charge Dynamics in A Donorâ€“Acceptor Covalent Organic Framework with Periodically Ordered Bicontinuous Heterojunctions. Angewandte Chemie - International Edition, 2013, 52, 2017-2021.	13.8	263
2	Creation of Superheterojunction Polymers via Direct Polycondensation: Segregated and Bicontinuous Donorâ€“Acceptor Ï€-Columnar Arrays in Covalent Organic Frameworks for Long-Lived Charge Separation. Journal of the American Chemical Society, 2015, 137, 7817-7827.	13.7	213
3	Syntheses, Electrochemistry, and Photodynamics of Ferroceneâ€“Azadipyrromethane Donorâ€“Acceptor Dyads and Triads. Journal of Physical Chemistry A, 2011, 115, 9810-9819.	2.5	69
4	Photochemical Charge Separation in Closely Positioned Donorâ€“Boron Dipyrrinâ€“Fullerene Triads. Chemistry - A European Journal, 2011, 17, 3147-3156.	3.3	59
5	Photodriven Electron Transport within the Columnar Perylenediimide Nanostructures Self-Assembled with Sulfonated Porphyrins in Water. Journal of Physical Chemistry C, 2012, 116, 23274-23282.	3.1	38
6	Efficient Electron Transfer Processes of the Covalently Linked Perylenediimideâ^'Ferrocene Systems: Femtosecond and Nanosecond Transient Absorption Studies. Journal of Physical Chemistry C, 2010, 114, 10969-10977.	3.1	34
7	Elongation of Lifetime of the Charge-Separated State of Ferroceneâ€“Naphthalenediimideâ€“[60]Fullerene Triad via Stepwise Electron Transfer. Journal of Physical Chemistry A, 2011, 115, 14430-14437.	2.5	33
8	Electron Delocalization in One-Dimensional Perylenediimide Nanobelts through Photoinduced Electron Transfer. Journal of Physical Chemistry C, 2011, 115, 15040-15047.	3.1	30
9	Characterization of Growth Patterns of Nanoscale Organic Films on Carbon Electrodes by Surface Enhanced Raman Spectroscopy. Analytical Chemistry, 2017, 89, 6463-6471.	6.5	26
10	Enhancement of Photodriven Charge Separation by Conformational and Intermolecular Adaptations of an Anthraceneâ€“Perylenediimideâ€“Anthracene Triad to an Aqueous Environment. Journal of Physical Chemistry C, 2013, 117, 12438-12445.	3.1	25
11	Bottom-up, Robust Graphene Ribbon Electronics in All-Carbon Molecular Junctions. ACS Applied Materials & Interfaces, 2018, 10, 6090-6095.	8.0	23
12	Hybrid Graphene Ribbon/Carbon Electrodes for Highâ€Performance Energy Storage. Advanced Energy Materials, 2018, 8, 1802439.	19.5	23
13	Lightâ€Stimulated Charge Transport in Bilayer Molecular Junctions for Photodetection. Advanced Optical Materials, 2019, 7, 1901053.	7.3	20
14	Ion-Assisted Resonant Injection and Charge Storage in Carbon-Based Molecular Junctions. Journal of the American Chemical Society, 2020, 142, 11658-11662.	13.7	19
15	Photoinduced charge separation in ordered self-assemblies of perylenediimideâ€“graphene oxide hybrid layers. Chemical Communications, 2014, 50, 13359-13361.	4.1	17
16	Broadband Light Harvesting and Fast Charge Separation in Ordered Self-Assemblies of Electron Donorâ€“Acceptor-Functionalized Graphene Oxide Layers for Effective Solar Energy Conversion. Journal of Physical Chemistry C, 2015, 119, 13488-13495.	3.1	17
17	Long-lived charge separation in a rigid pentiptycene bis(crown) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Td (ether)â€“Li 15796-15798.	4.1	16
18	Tuning the photodriven electron transport within the columnar perylenediimide stacks by changing the Ï€-extent of the electron donors. Physical Chemistry Chemical Physics, 2013, 15, 2539.	2.8	14

#	Article	IF	Citations
19	Energy and Electron Transfer of One-Dimensional Nanomaterials of Perylenediimides. ECS Journal of Solid State Science and Technology, 2013, 2, M3051-M3062.	1.8	14
20	Robust Inclusion Complexes of Crown Ether Fused Tetrathiafulvalenes with Li + @C 60 to Afford Efficient Photodriven Charge Separation. Chemistry - A European Journal, 2014, 20, 13976-13983.	3.3	14
21	Evaluation of Carbon Based Molecular Junctions as Practical Photosensors. ACS Sensors, 2021, 6, 513-522.	7.8	11
22	Graphene oxideâ€“Li⁺@C₆₀ donorâ€“acceptor composites for photoenergy conversion. Physical Chemistry Chemical Physics, 2015, 17, 15732-15738.	2.8	10
23	A New Cyanofluoreneâ€“Triphenylamine Copolymer: Synthesis and Photoinduced Intramolecular Electron Transfer Processes. Chemistry - A European Journal, 2009, 15, 10818-10824.	3.3	9
24	Excitation energy transfer from non-aggregated molecules to perylenediimide nanoribbons via ionic interactions in water. Journal of Materials Chemistry, 2012, 22, 12547.	6.7	9
25	Electrostatic Redox Reactions and Charge Storage in Molecular Electronic Junctions. Journal of Physical Chemistry C, 2020, 124, 1739-1748.	3.1	9
26	Hot hole transfer from Ag nanoparticles to multiferroic YMn₂O₅ nanowires enables superior photocatalytic activity. Journal of Materials Chemistry C, 2022, 10, 4128-4139.	5.5	7
27	Ionic manipulation of charge-transfer and photodynamics of [60]fullerene confined in pyrrolo-tetrathiafulvalene cage. Chemical Communications, 2017, 53, 9898-9901.	4.1	6
28	Remarkable enhancement of ambient-air electrical conductivity of the perylenediimide Ï€-stacks isolated in the flexible films of a hydrogen-bonded polymer. RSC Advances, 2015, 5, 64240-64246.	3.6	4
29	Hot carrier photocatalysis using bimetallic Au@Pt hemispherical coreâ€“shell nanoislands. Journal of Materials Science: Materials in Electronics, 2022, 33, 18134-18155.	2.2	2
30	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
31	A Simple, Semiclassical Mechanism for Activationless, Long RangeCharge Transport in Molecular Junctions. ECS Journal of Solid State Science and Technology, 2022, 11, 045009.	1.8	1