

Scott M Dyar

List of Publications by Year in descending order

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1383
citing authors

#	ARTICLE	IF	CITATIONS
1	Ultrafast Conformational Dynamics of Electron Transfer in ExBox ⁴⁺ -Perylene. Journal of Physical Chemistry A, 2013, 117, 12438-12448.	1.1	137
2	Triplet State Formation in Photoexcited Slip-Stacked Perylene-3,4:9,10-bis(dicarboximide) Dimers on a Xanthene Scaffold. Journal of Physical Chemistry A, 2013, 117, 10333-10345.	1.1	89
3	Photoinitiated multi-step charge separation and ultrafast charge transfer induced dissociation in a pyridyl-linked photosensitizer-cobaloxime assembly. Energy and Environmental Science, 2013, 6, 1917.	15.6	81
4	Long-lived charge carrier generation in ordered films of a covalent perylenediimide-diketopyrrolopyrrole-perylenediimide molecule. Chemical Science, 2015, 6, 402-411.	3.7	64
5	Redox Control of the Binding Modes of an Organic Receptor. Journal of the American Chemical Society, 2015, 137, 11057-11068.	6.6	55
6	Electron Spin Polarization Transfer from Photogenerated Spin-Correlated Radical Pairs to a Stable Radical Observer Spin. Journal of Physical Chemistry A, 2013, 117, 5314-5325.	1.1	53
7	Copolymerization of terephthalaldehyde with pyrrole, indole and carbazole gives microporous POFs functionalized with unpaired electrons. Journal of Materials Chemistry A, 2013, 1, 10465.	5.2	50
8	Photogenerated Quartet State Formation in a Compact Ring-Fused Perylene-Nitroxide. Journal of Physical Chemistry B, 2015, 119, 13560-13569.	1.2	48
9	π-Dimerization of viologen subunits around the core of C60 from twelve to six directions. Chemical Science, 2013, 4, 1462.	3.7	47
10	Fast Photodrivn Electron Spin Coherence Transfer: A Quantum Gate Based on a Spin Exchange <i>J</i>-Jump. Journal of the American Chemical Society, 2012, 134, 12430-12433.	6.6	40
11	Electron Transfer and Multi-Electron Accumulation in ExBox ⁴⁺ . Angewandte Chemie - International Edition, 2014, 53, 5371-5375.	7.2	35
12	Photoinduced Hole Injection into a Self-Assembled π-Extended G-Quadruplex. Journal of the American Chemical Society, 2015, 137, 3981-3990.	6.6	28
13	Photoinduced Charge and Energy Transfer within <i>meta</i>- and <i>para</i>-Linked Chlorophyll <i>a</i>-Perylene-3,4:9,10-bis(dicarboximide) Donor-Acceptor Dyads. Journal of Physical Chemistry B, 2016, 120, 756-765.	1.2	24
14	Photo-initiated multi-step electron transfer in donor-acceptor systems using a novel bi-functionalized perylene chromophore. Chemical Physics Letters, 2015, 629, 23-28.	1.2	6