Ryan M Young

List of Publications by Year in descending order

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129 papers	5,182 citations	39 h-index	102304 66 g-index
133	133	133	5213
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enabling singlet fission by controlling intramolecular charge transfer in π-stacked covalent terrylenediimide dimers. Nature Chemistry, 2016, 8, 1120-1125.	6.6	273
2	Supramolecular <i>Ex</i> plorations: <i>Ex</i> hibiting the <i>Ex</i> tent of <i>Ex</i> tended Cationic Cyclophanes. Accounts of Chemical Research, 2016, 49, 262-273.	7.6	193
3	Unified model for singlet fission within a non-conjugated covalent pentacene dimer. Nature Communications, 2017, 8, 15171.	5.8	176
4	Direct Observation of Ultrafast Excimer Formation in Covalent Perylenediimide Dimers Using Near-Infrared Transient Absorption Spectroscopy. Journal of Physical Chemistry Letters, 2014, 5, 2588-2593.	2.1	168
5	Processing Strategies for an Organic Photovoltaic Module with over 10% Efficiency. Joule, 2020, 4, 189-206.	11.7	154
6	Mixed Electronic States in Molecular Dimers: Connecting Singlet Fission, Excimer Formation, and Symmetry-Breaking Charge Transfer. Accounts of Chemical Research, 2020, 53, 1957-1968.	7.6	153
7	Direct Observation of a Charge-Transfer State Preceding High-Yield Singlet Fission in Terrylenediimide Thin Films. Journal of the American Chemical Society, 2017, 139, 663-671.	6.6	149
8	Dynamics of Solvated Electrons in Clusters. Chemical Reviews, 2012, 112, 5553-5577.	23.0	138
9	Ultrafast Conformational Dynamics of Electron Transfer in ExBox ⁴⁺ âŠ,Perylene. Journal of Physical Chemistry A, 2013, 117, 12438-12448.	1.1	137
10	Ultrafast Photoinduced Symmetry-Breaking Charge Separation and Electron Sharing in Perylenediimide Molecular Triangles. Journal of the American Chemical Society, 2015, 137, 13236-13239.	6.6	130
11	Energy Flow Dynamics within Cofacial and Slip-Stacked Perylene-3,4-dicarboximide Dimer Models of π-Aggregates. Journal of the American Chemical Society, 2014, 136, 14912-14923.	6.6	122
12	Relative Unidirectional Translation in an Artificial Molecular Assembly Fueled by Light. Journal of the American Chemical Society, 2013, 135, 18609-18620.	6.6	112
13	Excimer Formation and Symmetry-Breaking Charge Transfer in Cofacial Perylene Dimers. Journal of Physical Chemistry A, 2017, 121, 1607-1615.	1.1	108
14	Evidence for Charge-Transfer Mediation in the Primary Events of Singlet Fission in a Weakly Coupled Pentacene Dimer. CheM, 2018, 4, 1092-1111.	5. 8	105
15	Holeâ€Transfer Dependence on Blend Morphology and Energy Level Alignment in Polymer: ITIC Photovoltaic Materials. Advanced Materials, 2018, 30, 1704263.	11.1	101
16	Singlet Fission in Covalent Terrylenediimide Dimers: Probing the Nature of the Multiexciton State Using Femtosecond Mid-Infrared Spectroscopy. Journal of the American Chemical Society, 2018, 140, 9184-9192.	6.6	101
17	Singlet Fission in 9,10-Bis(phenylethynyl)anthracene Thin Films. Journal of the American Chemical Society, 2018, 140, 15140-15144.	6.6	84
18	Photodriven quantum teleportation of an electron spin state in a covalent donor–acceptor–radical system. Nature Chemistry, 2019, 11, 981-986.	6.6	83

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19	Guest and solvent modulated photo-driven charge separation and triplet generation in a perylene bisimide cyclophane. Chemical Science, 2016, 7, 5428-5434.	3.7	81
20	Quintet-triplet mixing determines the fate of the multiexciton state produced by singlet fission in a terrylenediimide dimer at room temperature. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8178-8183.	3.3	73
21	Influence of Anion Delocalization on Electron Transfer in a Covalent Porphyrin Donor–Perylenediimide Dimer Acceptor System. Journal of the American Chemical Society, 2017, 139, 749-756.	6.6	68
22	Probing Distance Dependent Charge-Transfer Character in Excimers of Extended Viologen Cyclophanes Using Femtosecond Vibrational Spectroscopy. Journal of the American Chemical Society, 2017, 139, 14265-14276.	6.6	68
23	Non-fullerene acceptors with direct and indirect hexa-fluorination afford >17% efficiency in polymer solar cells. Energy and Environmental Science, 2022, 15, 645-659.	15.6	65
24	Energy and Electron Transfer Dynamics within a Series of Perylene Diimide/Cyclophane Systems. Journal of the American Chemical Society, 2015, 137, 15299-15307.	6.6	64
25	Photoinduced electron transfer from rylenediimide radical anions and dianions to Re(bpy)(CO) ₃ using red and near-infrared light. Chemical Science, 2017, 8, 3821-3831.	3.7	57
26	A Supramolecular Approach for Modulated Photoprotection, Lysosomal Delivery, and Photodynamic Activity of a Photosensitizer. Journal of the American Chemical Society, 2019, 141, 12296-12304.	6.6	57
27	An allosteric photoredox catalyst inspired by photosynthetic machinery. Nature Communications, 2015, 6, 6541.	5.8	54
28	Electron Hopping and Charge Separation within a Naphthalene-1,4:5,8-bis(dicarboximide) Chiral Covalent Organic Cage. Journal of the American Chemical Society, 2017, 139, 3348-3351.	6.6	53
29	Two-Dimensional Electronic Spectroscopy Reveals Excitation Energy-Dependent State Mixing during Singlet Fission in a Terrylenediimide Dimer. Journal of the American Chemical Society, 2018, 140, 17907-17914.	6.6	52
30	Electron-catalysed molecular recognition. Nature, 2022, 603, 265-270.	13.7	51
31	Accelerating symmetry-breaking charge separation in a perylenediimide trimer through a vibronically coherent dimer intermediate. Nature Chemistry, 2022, 14 , $786-793$.	6.6	50
32	A Donor–Acceptor [2]Catenane for Visible Light Photocatalysis. Journal of the American Chemical Society, 2021, 143, 8000-8010.	6.6	47
33	Enhanced Photochemical Hydrogen Evolution from Fe ₄ S ₄ -Based Biomimetic Chalcogels Containing M ²⁺ (M = Pt, Zn, Co, Ni, Sn) Centers. Journal of the American Chemical Society, 2014, 136, 13371-13380.	6.6	46
34	Direct Observation of the Hole Carriers in DNA Photoinduced Charge Transport. Journal of the American Chemical Society, 2016, 138, 5491-5494.	6.6	45
35	Symmetry-Breaking Charge Separation in the Solid State: Tetra(phenoxy)perylenediimide Polycrystalline Films. Journal of the American Chemical Society, 2020, 142, 18243-18250.	6.6	44
36	Reversible Symmetry-Breaking Charge Separation in a Series of Perylenediimide Cyclophanes. Journal of Physical Chemistry C, 2020, 124, 10408-10419.	1.5	44

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37	Solvent-Templated Folding of Perylene Bisimide Macrocycles into Coiled Double-String Ropes with Solvent-Sensitive Optical Signatures. Journal of the American Chemical Society, 2017, 139, 2014-2021.	6.6	43
38	Electrochemical Switching of a Fluorescent Molecular Rotor Embedded within a Bistable Rotaxane. Journal of the American Chemical Society, 2020, 142, 11835-11846.	6.6	43
39	Ultrafast Two-Electron Transfer in a CdS Quantum Dot–Extended-Viologen Cyclophane Complex. Journal of the American Chemical Society, 2016, 138, 6163-6170.	6.6	42
40	Intramolecular Energy and Electron Transfer within a Diazaperopyrenium-Based Cyclophane. Journal of the American Chemical Society, 2017, 139, 4107-4116.	6.6	42
41	Characterization of Excimer Relaxation via Femtosecond Shortwave- and Mid-Infrared Spectroscopy. Journal of Physical Chemistry A, 2017, 121, 784-792.	1.1	42
42	Charge Transport across DNA-Based Three-Way Junctions. Journal of the American Chemical Society, 2015, 137, 5113-5122.	6.6	39
43	Electronic relaxation dynamics in large anionic water clusters: (H2O)nâ^' and (D2O)nâ^'â€^(n=25–200). Journal of Chemical Physics, 2009, 131, 194302.	1.2	38
44	Combining Intra- and Intermolecular Charge Transfer with Polycationic Cyclophanes To Design 2D Tessellations. Journal of the American Chemical Society, 2019, 141, 18727-18739.	6.6	36
45	Electron Transfer and Multiâ€Electron Accumulation in ExBox ⁴⁺ . Angewandte Chemie - International Edition, 2014, 53, 5371-5375.	7.2	35
46	Charge and Spin Transport in an Organic Molecular Square. Angewandte Chemie - International Edition, 2015, 54, 11971-11977.	7.2	35
47	Tracking Photoinduced Charge Separation in DNA: from Start to Finish. Accounts of Chemical Research, 2018, 51, 1746-1754.	7.6	34
48	Photon Upconversion in a Glowing Metal–Organic Framework. Journal of the American Chemical Society, 2021, 143, 5053-5059.	6.6	34
49	Spin-Selective Photoreduction of a Stable Radical within a Covalent Donor–Acceptor–Radical Triad. Journal of the American Chemical Society, 2017, 139, 15660-15663.	6.6	33
50	Photovoltaic Blend Microstructure for High Efficiency Post-Fullerene Solar Cells. To Tilt or Not To Tilt?. Journal of the American Chemical Society, 2019, 141, 13410-13420.	6.6	33
51	Photogenerated Spin-Entangled Qubit (Radical) Pairs in DNA Hairpins: Observation of Spin Delocalization and Coherence. Journal of the American Chemical Society, 2019, 141, 2152-2160.	6.6	33
52	Solid-State Characterization and Photoinduced Intramolecular Electron Transfer in a Nanoconfined Octacationic Homo[2]Catenane. Journal of the American Chemical Society, 2014, 136, 10569-10572.	6.6	32
53	Influence of Vibronic Coupling on Ultrafast Singlet Fission in a Linear Terrylenediimide Dimer. Journal of the American Chemical Society, 2021, 143, 2049-2058.	6.6	32
54	Modulation of Electronics and Thermal Stabilities of Photochromic Phosphino–Aminoazobenzene Derivatives in Weak-Link Approach Coordination Complexes. Journal of the American Chemical Society, 2013, 135, 16988-16996.	6.6	31

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55	Host–Guest Complexation-Mediated Supramolecular Photon Upconversion. Journal of the American Chemical Society, 2020, 142, 16600-16609.	6.6	30
56	Covalent Radical Pairs as Spin Qubits: Influence of Rapid Electron Motion between Two Equivalent Sites on Spin Coherence. Journal of the American Chemical Society, 2018, 140, 13011-13021.	6.6	29
57	Symmetry-Breaking Charge Separation in a Nanoscale Terrylenediimide Guanine-Quadruplex Assembly. Journal of the American Chemical Society, 2019, 141, 17512-17516.	6.6	29
58	Cyclophane-Sustained Ultrastable Porphyrins. Journal of the American Chemical Society, 2020, 142, 8938-8945.	6.6	29
59	Chemically regulating Rh(<scp>i</scp>)-Bodipy photoredox switches. Chemical Communications, 2014, 50, 6850-6852.	2.2	28
60	Efficient Charge Transport via DNA G-Quadruplexes. Journal of the American Chemical Society, 2017, 139, 1730-1733.	6.6	27
61	Time-resolved photoelectron imaging of large anionic methanol clusters: (Methanol)nâ^'(nâ^1⁄4145–535). Journal of Chemical Physics, 2007, 126, 244306.	1.2	26
62	Direct Measurement of Lattice Dynamics and Optical Phonon Excitation in Semiconductor Nanocrystals Using Femtosecond Stimulated Raman Spectroscopy. Physical Review Letters, 2013, 111, 107401.	2.9	26
63	Substituent Effects on Singlet Exciton Fission in Polycrystalline Thin Films of Cyano-Substituted Diaryltetracenes. Journal of Physical Chemistry C, 2017, 121, 21262-21271.	1.5	26
64	Influence of the heavy-atom effect on singlet fission: a study of platinum-bridged pentacene dimers. Chemical Science, 2019, 10, 11130-11140.	3.7	25
65	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
66	Photoinduced Electron Transfer and Solvation in Iodide-doped Acetonitrile Clusters. Journal of Physical Chemistry B, 2009, 113, 4031-4037.	1.2	23
67	Conformationally Gated Charge Transfer in DNA Three-Way Junctions. Journal of Physical Chemistry Letters, 2015, 6, 2434-2438.	2.1	23
68	Supramolecular Porous Organic Nanocomposites for Heterogeneous Photocatalysis of a Sulfur Mustard Simulant. Advanced Materials, 2020, 32, e2001592.	11.1	23
69	Symmetry-Breaking Charge Separation in Phenylene-Bridged Perylenediimide Dimers. Journal of Physical Chemistry A, 2021, 125, 7633-7643.	1.1	23
70	Fast photo-driven electron spin coherence transfer: the effect of electron-nuclear hyperfine coupling on coherence dephasing. Journal of Materials Chemistry C, 2015, 3, 7962-7967.	2.7	22
71	Thermal effects on energetics and dynamics in water cluster anions (H2O)nâ^². Journal of Chemical Physics, 2012, 136, 094304.	1.2	21
72	Photoinduced Electron Transfer within a Zinc Porphyrin–Cyclobis(paraquatâ€∢i>pàâ€phenylene) Donor–Acceptor Dyad. Chemistry - A European Journal, 2014, 20, 14690-14697.	1.7	21

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73	Substituent effects on energetics and crystal morphology modulate singlet fission in 9,10-bis(phenylethynyl)anthracenes. Journal of Chemical Physics, 2019, 151, 044501.	1.2	20
74	Charge-transfer biexciton annihilation in a donor–acceptor co-crystal yields high-energy long-lived charge carriers. Chemical Science, 2020, 11, 9532-9541.	3.7	20
75	Steric Interactions Impact Vibronic and Vibrational Coherences in Perylenediimide Cyclophanes. Journal of Physical Chemistry Letters, 2019, 10, 7498-7504.	2.1	19
76	Choosing sides: unusual ultrafast charge transfer pathways in an asymmetric electron-accepting cyclophane that binds an electron donor. Chemical Science, 2019, 10, 4282-4292.	3.7	18
77	Mechanically interlocked pyrene-based photocatalysts. Nature Catalysis, 2022, 5, 524-533.	16.1	18
78	Ï€-Stacking-Dependent Vibronic Couplings Drive Excited-State Dynamics in Perylenediimide Assemblies. Journal of the American Chemical Society, 2022, 144, 11386-11396.	6.6	18
79	Quantitative Determination of the Differential Raman Scattering Cross Sections of Glucose by Femtosecond Stimulated Raman Scattering. Analytical Chemistry, 2017, 89, 6931-6935.	3.2	16
80	Photoelectron imaging of tetrahydrofuran cluster anions (THF)nâ^ (1â‰nâ‰100). Journal of Chemical Physics, 2010, 133, 154312.	1.2	15
81	Toward a Charged Homo[2]catenane Employing Diazaperopyrenium Homophilic Recognition. Journal of the American Chemical Society, 2018, 140, 6540-6544.	6.6	15
82	Charge-Transfer Character in Excimers of Perylenediimides Self-Assembled on Anodic Aluminum Oxide Membrane Walls. Journal of Physical Chemistry C, 2020, 124, 4369-4377.	1.5	15
83	Temperature Tuning of Coherent Mixing between States Driving Singlet Fission in a Spiro-Fused Terrylenediimide Dimer. Journal of Physical Chemistry B, 2021, 125, 6945-6954.	1.2	15
84	Auger Heating and Thermal Dissipation in Zero-Dimensional CdSe Nanocrystals Examined Using Femtosecond Stimulated Raman Spectroscopy. Journal of Physical Chemistry Letters, 2018, 9, 4481-4487.	2.1	14
85	Dynamics of electron solvation in Iâ^(CH3OH)n clusters (4 ≠n ≠11). Journal of Chemical Physics, 2011, 134, 124311.	1.2	13
86	Cooperative Electronic and Structural Regulation in a Bioinspired Allosteric Photoredox Catalyst. Inorganic Chemistry, 2016, 55, 8301-8308.	1.9	13
87	Quantum Coherence Enhances Electron Transfer Rates to Two Equivalent Electron Acceptors. Journal of the American Chemical Society, 2019, 141, 12236-12239.	6.6	13
88	Transient Two-Dimensional Electronic Spectroscopy: Coherent Dynamics at Arbitrary Times along the Reaction Coordinate. Journal of Physical Chemistry Letters, 2019, 10, 3509-3515.	2.1	12
89	Interaction of Photogenerated Spin Qubit Pairs with a Third Electron Spin in DNA Hairpins. Journal of the American Chemical Society, 2021, 143, 4625-4632.	6.6	12
90	Coupling between Harmonic Vibrations Influences Quantum Beating Signatures in Two-Dimensional Electronic Spectra. Journal of Physical Chemistry C, 2022, 126, 120-131.	1.5	12

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91	Syntheses of three-dimensional catenanes under kinetic control. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118573119. Time-resolved dynamics in acetonitrile cluster anions <mml:math< td=""><td>3.3</td><td>12</td></mml:math<>	3.3	12
92	xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si1.gif" display="inline" overflow="scroll"> <mml:mrow><mml:mo stretchy="false">(</mml:mo><mml:msub><mml:mrow><mml:mtext>CH</mml:mtext></mml:mrow><mml:mrow></mml:mrow></mml:msub></mml:mrow>	> ^{1,2} ml:mr	n>3
93	Chemical Physics Letters, 2010, 485, 59-63 Symmetrized Photoinitiated Electron Flow within the [Myoglobin:Cytochrome <i>b</i> Complex on Singlet and Triplet Time Scales: Energetics vs Dynamics. Journal of the American Chemical Society, 2014, 136, 12730-12736.	6.6	11
94	Fluorine Tuning of Morphology, Energy Loss, and Carrier Dynamics in Perylenediimide Polymer Solar Cells. ACS Energy Letters, 0, , .	8.8	11
95	Singlet Fission in Quaterrylenediimide Thin Films. Journal of Physical Chemistry C, 2020, 124, 2791-2798.	1.5	11
96	Tuning the charge transfer character of the multiexciton state in singlet fission. Journal of Chemical Physics, 2020, 153, 094302.	1.2	11
97	Raising the barrier for photoinduced DNA charge injection with a cyclohexyl artificial base pair. Faraday Discussions, 2015, 185, 105-120.	1.6	10
98	Effect of Crystallinity on Endoergic Singlet Fission in Perylenediimide Single Crystals and Polycrystalline Films. Journal of Physical Chemistry C, 2022, 126, 10287-10297.	1.5	10
99	Charge carrier dynamics in semiconducting mercury cluster anions. Physica Scripta, 2009, 80, 048102.	1.2	9
100	Effects of Excitation Energy on the Autodetachment Lifetimes of Small Iodide-Doped ROH Clusters (Râ•H–, CH ₃ 6€", CH ₃ 6€", CH ₂ 6°). Journal of Physical Chemistry A, 2012, 116 2750-2757.	6,1.1	9
101	Tracking Hole Transport in DNA Hairpins Using a Phenylethynylguanine Nucleobase. Journal of the American Chemical Society, 2017, 139, 12084-12092.	6.6	9
102	Controlling the Dynamics of Three Electron Spin Qubits in a Donor–Acceptor–Radical Molecule Using Dielectric Environment Changes. Journal of Physical Chemistry Letters, 2021, 12, 2213-2218.	2.1	9
103	The roles of the solute and solvent cavities in charge-transfer-to-solvent dynamics: Ultrafast studies of potasside and sodide in diethyl ether. Journal of Chemical Physics, 2008, 129, 134503.	1.2	8
104	Mechanistic Study of Electron Spin Polarization Transfer in Covalent Donor–Acceptor-Radical Systems. Applied Magnetic Resonance, 2022, 53, 949-961.	0.6	8
105	lodide solvation in tetrahydrofuran clusters: I ^{â^'} (THF) <i>_n</i> (1 â‰â€‰ <i>n</i> á Molecular Physics, 2012, 110, 1787-1799.	€‰â‰â€ 0.8	E%30).
106	Wirelike Charge Transport Dynamics for DNA–Lipid Complexes in Chloroform. Journal of the American Chemical Society, 2014, 136, 15792-15797.	6.6	7
107	Quantum coherence in ultrafast photo-driven charge separation. Faraday Discussions, 2019, 216, 319-338.	1.6	7
108	Interplay between Intermolecular and Intramolecular Singlet Fission in Thin Films of a Covalently Linked Terrylenediimide Dimer. Journal of Physical Chemistry C, 2021, 125, 6999-7009.	1.5	7

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109	Auger recombination dynamics in clusters. Chemical Physics, 2008, 350, 69-74.	0.9	6
110	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
111	Metalated Porphyrin Stable Free Radicals: Exploration of Electron Spin Communication and Dynamics. Journal of Physical Chemistry A, 2020, 124, 6168-6176.	1.1	6
112	Charge Transfer and Spin Dynamics in a Zinc Porphyrin Donor Covalently Linked to One or Two Naphthalenediimide Acceptors. Journal of Physical Chemistry A, 2021, 125, 825-834.	1.1	6
113	Twisted Aâ€Dâ€A Type Acceptors with Thermallyâ€Activated Delayed Crystallization Behavior for Efficient Nonfullerene Organic Solar Cells. Advanced Energy Materials, 0, , 2103957.	10.2	6
114	Two-Photon Absorption in Electron Donor–Acceptor Dyads and Triads Using Classical and Entangled Photons: Potential Systems for Photon-to-Spin Quantum Transduction. Journal of Physical Chemistry C, 2022, 126, 6334-6343.	1.5	6
115	Charge Separation and Recombination Pathways in Diblock DNA Hairpins. Journal of Physical Chemistry B, 2019, 123, 1545-1553.	1.2	5
116	Photoinduced electron transfer from zinc <i>meso</i> -tetraphenylporphyrin to a one-dimensional perylenediimide aggregate: Probing anion delocalization effects. Journal of Porphyrins and Phthalocyanines, 2020, 24, 143-152.	0.4	5
117	Structure and Dynamics of Electron Injection and Charge Recombination in i-Motif DNA Conjugates. Journal of Physical Chemistry B, 2017, 121, 8058-8068.	1.2	4
118	Direct Observation of the Photoreduction Products of Mn(NDI-bpy)(CO) ₃ X CO ₂ Reduction Catalysts Using Femtosecond Transient IR Spectroscopy. Journal of Physical Chemistry C, 2019, 123, 6416-6426.	1.5	4
119	Excited-State Dynamics of Perylene-Based Chromophore Assemblies on Nanoporous Anodic Aluminum Oxide Membranes. Journal of Physical Chemistry C, 2021, 125, 14843-14853.	1.5	4
120	Singlet fission in core-linked terrylenediimide dimers. Journal of Chemical Physics, 2020, 153, 244306.	1.2	4
121	Solvent independent symmetry-breaking charge separation in terrylenediimide guanine-quadruplex nanoparticles. Journal of Chemical Physics, 2020, 153, 204302.	1.2	4
122	Auger recombination and excited state relaxation dynamics in Hgnâ^' (n=9â€"20) anion clusters. Journal of Chemical Physics, 2009, 130, 231103.	1.2	3
123	Dynamics of Charge Injection and Charge Recombination in DNA Mini-Hairpins. Journal of Physical Chemistry B, 2017, 121, 7042-7047.	1.2	3
124	Fluorescent excimers and exciplexes of the purine base derivative 8-phenylethynyl-guanine in DNA hairpins. Faraday Discussions, 2018, 207, 217-232.	1.6	3
125	Excimer Diffusivity in 9,10-Bis(phenylethynyl)anthracene Assemblies on Anodic Aluminum Oxide Membranes. Journal of Physical Chemistry C, 2021, 125, 24498-24504.	1.5	3
126	Photophysics of Zinc 2,11,20,29-Tetra- <i>tert</i> -butyl-2,3-Naphthalocyanine: Aggregation-Induced S ₂ Emission and Rapid Intersystem Crossing in the Solid State. Journal of Physical Chemistry C, 2022, 126, 11680-11689.	1.5	1

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127	Electronic Interactions of Michler's Ketone with <scp>DNA</scp> Bases in Synthetic Hairpins. Photochemistry and Photobiology, 2015, 91, 739-747.	1.3	O
128	Hole transport in DNA hairpins via base mismatches and strand crossings: Efficiency and dynamics. Journal of Photochemistry and Photobiology A: Chemistry, 2016, 331, 160-164.	2.0	0
129	Design principles for efficient singlet fission in anthracene-based organic semiconductors. , 2019, , .		0