Dirk M Guldi

List of Publications by Year
in descending order

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Version: 2024-02-01

523 papers	32,485 citations	3325 91 h-index	6979 154 g-index
564 all docs	564 docs citations	564 times ranked	21985 citing authors

#	Article	IF	Citations
1	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie, 2022, 134, .	1.6	9
2	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie - International Edition, 2022, 61, .	7.2	48
3	Dynamische kinetische Sensibilisierung von Î²â€Dicarbonylâ€verbindungen â€“ Zugang zu mittelgroÃŸen Ringen durch eine Deâ€Mayoâ€artige Ringerweiterung. Angewandte Chemie, 2022, 134, .	1.6	4
4	Dynamic Kinetic Sensitization of Î²â€Dicarbonyl Compoundsâ€"Access to Mediumâ€Sized Rings by Deâ€…Mayoâ€Type Ring Expansion. Angewandte Chemie - International Edition, 2022, 61, .	7.2	30
5	Exploring the Association of Electronâ€Donating Corroles with Phthalocyanines as Electron Acceptors. Chemistry - A European Journal, 2022, , .	1.7	2
6	Photoreactions of Sc3N@C80 with Disilirane, Silirane, and Digermirane: A Photochemical Method to Separate Ih and D5h Isomers. Photochem, 2022, 2, 122-137.	1.3	1
7	Altering singlet fission pathways in perylene-dimers; perylene-diimide versus perylene-monoimide. Nanoscale, 2022, 14, 5194-5203.	2.8	8
8	Elucidating the electronic properties of single-wall carbon nanohorns. Journal of Materials Chemistry C, 2022, 10, 5783-5786.	2.7	5
9	Noncovalent Liquid Phase Functionalization of 2H-WS₂ with PDI: An Energy Conversion Platform with Long-Lived Charge Separation. Journal of the American Chemical Society, 2022, 144, 5834-5840.	6.6	8
10	Intrinsic and Extrinsic Incorporation of Indium and Singleâ€Walled Carbon Nanotubes for Improved ZnOâ€Based DSSCs. Advanced Energy Materials, 2022, 12, .	10.2	8
11	Synthesis and C60 Binding of Aza[10]CPP and N-Methylaza[10]CPP. Organic Materials, 2022, 4, 7-17.	1.0	13
12	Unraveling the Chargeâ€Carrier Dynamics from the Femtosecond to the Microsecond Time Scale in Doubleâ€Cable Polymerâ€Based Singleâ€Component Organic Solar Cells. Advanced Energy Materials, 2022, 12, 2103406.	10.2	15
13	Solar Energy Storage: Competition between Delocalized Charge Transfer and Localized Excited States in the Norbornadiene to Quadricyclane Photoisomerization. Journal of the American Chemical Society, 2022, 144, 153-162.	6.6	11
14	Red edge effect and chromoselective photocatalysis with amorphous covalent triazine-based frameworks. Nature Communications, 2022, 13, 2171.	5.8	30
15	Probing Charge Management across the Ï€-Systems of Nanographenes in Regioisomeric Electron Donorâ€"Acceptor Architectures. Journal of the American Chemical Society, 2022, 144, 8977-8986.	6.6	11
16	Parallel versus Twisted Pentacenes: Conformational Impact on Singlet Fission. Journal of Physical Chemistry Letters, 2022, 13, 5094-5100.	2.1	7
17	Exploring the Threshold between Fullerenes and Nanotubes: Characterizing Isomerically Pure, Empty-Caged, and Tubular Fullerenes D₅h-C₉₀ and D₅d-C₁₀₀. Journal of the American Chemical Society, 2022, 144, 10825-10829.	6.6	10
18	Kontrolle des intramolekularen FÃ¶rsterâ€Resonanzenergietransfers und der Singulettspaltung in einem Subporphyrazinâ€Pentacenâ€Konjugat mittels LÃ¶sungsmittelpolaritÃt. Angewandte Chemie, 2021, 133, 1496-1503.	1.6	2

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19	Controlling Intramolecular FÃ¶rster Resonance Energy Transfer and Singlet Fission in a Subporphyrazineâ€“Pentacene Conjugate by Solvent Polarity. Angewandte Chemie - International Edition, 2021, 60, 1474-1481.	7.2	12
20	A Small Dye Puzzle: Ï€â€Conjugation of Perylenes with External Aromatic Compounds via Imidazoâ€Quinoxaline Bridges. ChemPhotoChem, 2021, 5, 36-42.	1.5	4
21	An exciting twenty-year journey exploring porphyrinoid-based photo- and electro-active systems. Coordination Chemistry Reviews, 2021, 428, 213605.	9.5	43
22	Photonâ€•and Chargeâ€Management in Advanced Energy Materials: Combining 0D, 1D, and 2D Nanocarbons as well as Bulk Semiconductors with Organic Chromophores. Advanced Energy Materials, 2021, 11, 2002831.	10.2	12
23	Unconventional Photocatalysis in Conductive Polymers: Reversible Modulation of PEDOT:PSS Conductivity by Longâ€Lived Poly(Heptazine Imide) Radicals. Angewandte Chemie - International Edition, 2021, 60, 7436-7443.	7.2	15
24	Unkonventionelle Photokatalyse in leitfÃ¤higen Polymeren: Reversible Modulation der LeitfÃ¤higkeit von PEDOT:PSS durch langlebige Polyheptazinimidâ€Radikale. Angewandte Chemie, 2021, 133, 7512-7520.	1.6	3
25	Preâ€Planarized Triphenylamineâ€Based Linear Mixedâ€Valence Chargeâ€Transfer Systems. Angewandte Chemie - International Edition, 2021, 60, 6771-6777.	7.2	11
26	Controlling Solar Hydrogen Production by Organizing Porphyrins. ChemSusChem, 2021, 14, 961-970.	3.6	15
27	Vorplanarisierte Triphenylaminâ€basierte lineare gemischtvalente Ladungstransfersysteme. Angewandte Chemie, 2021, 133, 6845-6851.	1.6	1
28	A Small Dye Puzzle: Ï€â€Conjugation of Perylenes with External Aromatic Compounds via Imidazoâ€Quinoxaline Bridges. ChemPhotoChem, 2021, 5, 3-3.	1.5	1
29	The Cascade Reactions of Indigo with Propargyl Substrates for Heterocyclic and Photophysical Diversity. Chemistry - A European Journal, 2021, 27, 3708-3721.	1.7	6
30	Unconventional singlet fission materials. Chemical Society Reviews, 2021, 50, 3485-3518.	18.7	97
31	Amphiphilic Zinc Porphyrin Singleâ€Walled Carbon Nanotube Hybrids: Efficient Formation and Excited State Charge Transfer Studies. Small, 2021, 17, 2005648.	5.2	10
32	Efficient charge-transfer from diketopyrrolopyrroles to single-walled carbon nanotubes. Nanoscale, 2021, 13, 11544-11551.	2.8	4
33	On the photophysics of nanographenes â€“ investigation of functionalized hexa-peri-hexabenzocoronenes as model systems. Nanoscale, 2021, 13, 801-809.	2.8	11
34	Bright luminescent lithium and magnesium carbene complexes. Chemical Science, 2021, 12, 7401-7410.	3.7	26
35	Nonâ€Covalent Postfunctionalization of Dye Layers on TiO₂ â€” A Tool for Enhancing Injection in Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2021, 27, 5041-5050.	1.7	4
36	A Fluorescence-Detected Coordination-Induced Spin State Switch. Journal of the American Chemical Society, 2021, 143, 3466-3480.	6.6	37

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37	Optical processes in carbon nanocolloids. CheM, 2021, 7, 606-628.	5.8	73
38	The Impact of Aggregation of Quaterthiophenes on the Excited State Dynamics. Journal of Physical Chemistry Letters, 2021, 12, 3424-3430.	2.1	9
39	Screening Nanographeneâ€Mediated Inter(Porphyrin) Communication to Optimize Inter(Porphyrinâ€“Fullerene) Forces. Advanced Energy Materials, 2021, 11, 2100158.	10.2	9
40	Helically and Linearly Fused Rylenediimideâ€Hexabenzocoronenes. Chemistry - A European Journal, 2021, 27, 6511-6521.	1.7	7
41	Exciton Dynamics in J- and H-Aggregates of a Tricarbocyanine Near-Infrared Dye. Journal of Physical Chemistry C, 2021, 125, 9855-9865.	1.5	13
42	Singlet Fission. ChemPhotoChem, 2021, 5, 392-392.	1.5	5
43	Strong Electronic Communication in Linearly Elongated Rylenes Featuring Tunable Bridges. Chemistry - A European Journal, 2021, 27, 8325-8336.	1.7	2
44	A Family of Superhelicenes: Easily Tunable, Chiral Nanographenes by Merging Helicity with Planar ï€ Systems. Angewandte Chemie - International Edition, 2021, 60, 18073-18081.	7.2	48
45	A Family of Superhelicenes: Easily Tunable, Chiral Nanographenes by Merging Helicity with Planar ï€ Systems. Angewandte Chemie, 2021, 133, 18221-18229.	1.6	15
46	Chromoselective Synthesis of Sulfonyl Chlorides and Sulfonamides with Potassium Poly(heptazine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.2	30
47	Chromoselektive Synthese von Sulfonylchloriden und Sulfonamiden mit Kaliumâ€Poly(heptazinimid)â€Photokatalysator. Angewandte Chemie, 2021, 133, 20706-20713.	1.6	3
48	Expanding the Chemical Space of Tetracyanobutaâ€1,3â€diene (TCBD) through a Cyanoâ€Dielsâ€Alder Reaction: Synthesis, Structure, and Physicochemical Properties of an Anthrylâ€fusedâ€TCBD Derivative. Chemistry - A European Journal, 2021, 27, 16049-16055.	1.7	7
49	Well-separated water-soluble carbon dots via gradient chromatography. Nanoscale, 2021, 13, 13116-13128.	2.8	19
50	Merging Carbon Nanostructures with Porphyrins. , 2021, , 1-46.		1
51	Influence of the fullerene LUMO level on the stability of bulk heterojunction solar cells. Journal of Materials Chemistry C, 2021, 9, 9271-9281.	2.7	4
52	Diastereoselective formation of homochiral flexible perylene bisimide cyclophanes and their hybrids with fullerenes. Chemical Science, 2021, 12, 15491-15502.	3.7	7
53	Carbon Nanodots for All-in-One Photocatalytic Hydrogen Generation. Journal of the American Chemical Society, 2021, 143, 20122-20132.	6.6	41
54	Phthalocyanine-corannulene conjugates: Synthesis, complexation studies with a pyridyl-functionalized C60 fullerene, and photophysical properties. Journal of Porphyrins and Phthalocyanines, 2020, 24, 410-415.	0.4	5

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55	Singlet Fission in Pyreneâ€Fused Azaacene Dimers. Angewandte Chemie - International Edition, 2020, 59, 1113-1117.	7.2	29
56	Singlet Fission in Pyreneâ€Fused Azaacene Dimers. Angewandte Chemie, 2020, 132, 1129-1133.	1.6	6
57	Amphiphilic anthanthrene trimers that exfoliate graphite and individualize single wall carbon nanotubes. Nanoscale, 2020, 12, 956-966.	2.8	5
58	Design, synthesis and photoinduced processes in molecular interlocked photosynthetic [60]fullerene systems. Chemical Society Reviews, 2020, 49, 8-20.	18.7	40
59	Improved Carrier Collection and Hot Electron Extraction Across Perovskite, C₆₀, and TiO₂ Interfaces. Journal of the American Chemical Society, 2020, 142, 1236-1246.	6.6	40
60	Mono- and Tripodal Porphyrins: Investigation on the Influence of the Number of Pyrene Anchors in Carbon Nanotube and Graphene Hybrids. Journal of the American Chemical Society, 2020, 142, 1895-1903.	6.6	30
61	Homo and Hetero Molecular 3D Nanographenes Employing a Cyclooctatetraene Scaffold. Journal of the American Chemical Society, 2020, 142, 4162-4172.	6.6	68
62	Pingpongâ€Energietransfer in kovalent verknÃ¼pften Porphyrinâ€MoS 2 â€Architekturen. Angewandte Chemie, 2020, 132, 4004-4009.	1.6	7
63	Pingâ€Pong Energy Transfer in Covalently Linked Porphyrinâ€MoS₂ Architectures. Angewandte Chemie - International Edition, 2020, 59, 3976-3981.	7.2	31
64	Chain propagation determines the chemo- and regioselectivity of alkyl radical additions to Câ€“O vs. Câ€“C double bonds. Chemical Science, 2020, 11, 731-736.	3.7	11
65	Mixed Organic Ligand Shells: Controlling the Nanoparticle Surface Morphology toward Tuning the Optoelectronic Properties. Small, 2020, 16, e1903729.	5.2	10
66	Resonance-Enhanced Charge Delocalization in Carbazoleâ€“Oligoyneâ€“Oxadiazole Conjugates. Journal of the American Chemical Society, 2020, 142, 18769-18781.	6.6	12
67	Solventâ€Dependent Singlet Fission in Diketopyrrolopyrrole Dimers: A Mediating Charge Transfer versus a Trapping Symmetryâ€Breaking Charge Separation. Advanced Energy Materials, 2020, 10, 2001496.	10.2	40
68	Longâ€Living Holes in Grey Anatase TiO₂ Enable Nobleâ€Metalâ€Free and Sacrificialâ€Agentâ€Free Water Splitting. ChemSusChem, 2020, 13, 4937-4944.	3.6	18
69	How To Make Nitroaromatic Compounds Glow: Nextâ€Generation Large Xâ€Shaped, Centrosymmetric Diketopyrrolopyrroles. Angewandte Chemie, 2020, 132, 16238-16247.	1.6	5
70	Synergie von elektrostatischen und Ï€â€Ï€â€Wechselwirkungen fÃ¼r die Verwirklichung von kÃ¼nstlichen photosynthetischen Modellsystemen auf Nanoâ€Ebene. Angewandte Chemie, 2020, 132, 18946-18955.	1.6	4
71	Synergy of Electrostatic and Ï€â€“Ï€ Interactions in the Realization of Nanoscale Artificial Photosynthetic Model Systems. Angewandte Chemie - International Edition, 2020, 59, 18786-18794.	7.2	10
72	Assessing the Photoinduced Electron-Donating Behavior of Carbon Nanodots in Nanoconjugates. Journal of the American Chemical Society, 2020, 142, 20324-20328.	6.6	20

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73	Areaâ€Selective Growth of HfS₂ Thin Films via Atomic Layer Deposition at Low Temperature. Advanced Materials Interfaces, 2020, 7, 2001493.	1.9	10
74	Thin Films: Areaâ€Selective Growth of HfS₂ Thin Films via Atomic Layer Deposition at Low Temperature (Adv. Mater. Interfaces 23/2020). Advanced Materials Interfaces, 2020, 7, 2070130.	1.9	0
75	Controlling the Charge Transfer Mechanism and Efficiency by Means of Different C 70 Regioisomeric Adducts. Small Structures, 2020, 1, 2000012.	6.9	2
76	Anticancer Effect of an Electronically Coupled Oligoferrocene. Organometallics, 2020, 39, 3112-3120.	1.1	8
77	Synthesis and excited state processes of arrays containing amine-rich carbon dots and unsymmetrical rylene diimides. Materials Chemistry Frontiers, 2020, 4, 3640-3648.	3.2	15
78	Designing Cascades of Electron Transfer Processes in Multicomponent Graphene Conjugates. Angewandte Chemie - International Edition, 2020, 59, 23706-23715.	7.2	15
79	Optical gap and fundamental gap of oligoynes and carbyne. Nature Communications, 2020, 11, 4797.	5.8	28
80	Designing Cascades of Electron Transfer Processes in Multicomponent Graphene Conjugates. Angewandte Chemie, 2020, 132, 23914-23923.	1.6	1
81	Titelbild: Singlet Fission in Carbeneâ€Derived Diradicaloids (Angew. Chem. 20/2020). Angewandte Chemie, 2020, 132, 7697-7697.	1.6	0
82	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie, 2020, 132, 7980-7988.	1.6	15
83	How To Make Nitroaromatic Compounds Glow: Nextâ€Generation Large Xâ€Shaped, Centrosymmetric Diketopyrrolopyrroles. Angewandte Chemie - International Edition, 2020, 59, 16104-16113.	7.2	30
84	Potassium Poly(Heptazine Imide): Transition Metalâ€Free Solidâ€State Triplet Sensitizer in Cascade Energy Transfer and [3+2]â€cycloadditions. Angewandte Chemie - International Edition, 2020, 59, 15061-15068.	7.2	91
85	Nanobiosensing with graphene and carbon quantum dots: Recent advances. Materials Today, 2020, 39, 23-46.	8.3	66
86	Semiconducting Supramolecular Organic Frameworks Assembled from a Near-Infrared Fluorescent Macrocyclic Probe and Fullerenes. Journal of the American Chemical Society, 2020, 142, 11497-11505.	6.6	24
87	Kaliumâ€Polyheptazinimid: Ein Ã¼bergangsmetallfreier FestkÃ¶rperâ€Triplettâ€Sensibilisator in Kaskadenenergietransfer und [3+2]â€Cycloadditionen. Angewandte Chemie, 2020, 132, 15172-15180.	1.6	11
88	Der Einfluss von Aggregation auf die Photophysik von spiroverbrÃ¼ckten Heterotriangulenen. Angewandte Chemie, 2020, 132, 16368-16376.	1.6	6
89	The Impact of Aggregation on the Photophysics of Spiroâ€Bridged Heterotriangulenes. Angewandte Chemie - International Edition, 2020, 59, 16233-16240.	7.2	10
90	Dynamic Covalent Formation of Concave Disulfide Macrocycles Mechanically Interlocked with Singleâ€Walled Carbon Nanotubes. Angewandte Chemie - International Edition, 2020, 59, 18774-18785.	7.2	35

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91	Collecting up to 115% of Singlet-Fission Products by Single-Walled Carbon Nanotubes. ACS Nano, 2020, 14, 8875-8886.	7.3	7
92	Perylene-Monoimides: Singlet Fission Down-Conversion Competes with Up-Conversion by Geminate Tripletâ€“Triplet Recombination. Journal of Physical Chemistry A, 2020, 124, 5727-5736.	1.1	17
93	Supramolecular Fullerene Tetramers Concocted with Porphyrin Boxes Enable Efficient Charge Separation and Delocalization. Journal of the American Chemical Society, 2020, 142, 12596-12601.	6.6	35
94	Mechanische Verzahnung von einwandigen KohlenstoffnanorÃ¶hren durch dynamischâ€kovalente Bildung von konkaven Disulfidmakrozyklen. Angewandte Chemie, 2020, 132, 18933-18945.	1.6	8
95	Panchromatic light funneling through the synergy in hexabenzocoroneneâ€“(metallo)porphyrinâ€“fullerene assemblies to realize the separation of charges. Chemical Science, 2020, 11, 7123-7132.	3.7	9
96	Synthesis and Optical Features of Axially and Peripherally Substituted Subporphyrins. A Paradigmatic Example of Charge Transfer versus Exciplex States. Journal of the American Chemical Society, 2020, 142, 7920-7929.	6.6	21
97	Understanding and Controlling Short- and Long-Range Electron/Charge-Transfer Processes in Electron Donorâ€“Acceptor Conjugates. Journal of the American Chemical Society, 2020, 142, 7898-7911.	6.6	39
98	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie - International Edition, 2020, 59, 7906-7914.	7.2	46
99	Molecular insights and concepts to engineer singlet fission energy conversion devices. Energy and Environmental Science, 2020, 13, 2741-2804.	15.6	66
100	Photoactive preorganized subphthalocyanine-based molecular tweezers for selective complexation of fullerenes. Chemical Science, 2020, 11, 3448-3459.	3.7	16
101	Nanoparticle Surfaces: Mixed Organic Ligand Shells: Controlling the Nanoparticle Surface Morphology toward Tuning the Optoelectronic Properties (Small 2/2020). Small, 2020, 16, 2070009.	5.2	0
102	Reversible Charge Transfer with Singleâ€Walled Carbon Nanotubes Upon Harvesting the Low Energy Part of the Solar Spectrum. Small, 2020, 16, e1906745.	5.2	13
103	Symmetryâ€Breaking Chargeâ€Transfer Chromophore Interactions Supported by Carbon Nanodots. Angewandte Chemie - International Edition, 2020, 59, 12779-12784.	7.2	28
104	Singlet Fission in Enantiomerically Pure Pentacene Dimers. ChemPhotoChem, 2020, 4, 5168-5174.	1.5	8
105	Symmetryâ€Breaking Chargeâ€Transfer Chromophore Interactions Supported by Carbon Nanodots. Angewandte Chemie, 2020, 132, 12879-12884.	1.6	4
106	Panchromatic Light Harvesting and Stabilizing Chargeâ€Separated States in Corroleâ€“Phthalocyanine Conjugates through Coordinating a Subphthalocyanine. Chemistry - A European Journal, 2020, 26, 13451-13461.	1.7	10
107	Cyclopenta[hi]aceanthrylene Decorated with Multiple and Long Alkoxy Chains: Physicochemical Properties and Single-Walled Carbon Nanotubesâ€™ Exfoliation Capability. ECS Journal of Solid State Science and Technology, 2020, 9, 051011.	0.9	1
108	Modulating the dynamics of FÃ¶rster resonance energy transfer and singlet fission by variable molecular spacers. Nanoscale, 2020, 12, 23061-23068.	2.8	9

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109	Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie - International Edition, 2019, 58, 14644-14652.	7.2	13
110	Chromophore Multiplication To Enable Exciton Delocalization and Triplet Diffusion Following Singlet Fission in Tetrameric Pentacene. Angewandte Chemie - International Edition, 2019, 58, 15263-15267.	7.2	26
111	Chromophore Multiplication To Enable Exciton Delocalization and Triplet Diffusion Following Singlet Fission in Tetrameric Pentacene. Angewandte Chemie, 2019, 131, 15407-15411.	1.6	7
112	A Hole Delocalization Strategy: Photoinduced Mixed-Valence MLCT States Featuring Extended Lifetimes. Inorganic Chemistry, 2019, 58, 10898-10904.	1.9	13
113	Discovery of Unforeseen Energy-Transfer-Based Transformations Using a Combined Screening Approach. CheM, 2019, 5, 2183-2194.	5.8	83
114	Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie, 2019, 131, 14786-14794.	1.6	3
115	Size-Dependent Local Ordering in Melanin Aggregates and Its Implication on Optical Properties. Journal of Physical Chemistry A, 2019, 123, 9403-9412.	1.1	4
116	Frontispiz: Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie, 2019, 131, .	1.6	0
117	Frontispiece: Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie - International Edition, 2019, 58, .	7.2	0
118	Combining Zinc Phthalocyanines, Oligo(pâ€Phenylenevinylenes), and Fullerenes to Impact Reorganization Energies and Attenuation Factors. ChemPhysChem, 2019, 20, 2806-2815.	1.0	6
119	Efficient Low Driving Force Charge Separation in an Electron Deficient Zn-Porphyrinâ€'Fullerene Donorâ€“Acceptor Conjugate. Journal of Physical Chemistry C, 2019, 123, 28093-28099.	1.5	19
120	Star-shaped magnesium tetraethynylporphyrin bearing four peripheral electron-accepting diketopyrrolopyrrole functionalities for organic solar cells. Journal of Materials Chemistry A, 2019, 7, 4072-4083.	5.2	24
121	Nanographene favors electronic interactions with an electron acceptor rather than an electron donor in a planar fused pushâ€“pull conjugate. Nanoscale, 2019, 11, 1437-1441.	2.8	7
122	Investigating Electronic Communications in mesoâ€“meso Etheneâ€Bridged Unsymmetrical Diporphyrins. Chemistry - A European Journal, 2019, 25, 9602-9607.	1.7	2
123	Tuning electron transfer in supramolecular nano-architectures made of fullerenes and porphyrins. Nanoscale, 2019, 11, 10782-10790.	2.8	16
124	Azulenocyanines immobilized on graphene; on the way to panchromatic absorption and efficient DSSC blocking layers. Nanoscale, 2019, 11, 10709-10715.	2.8	18
125	Homoleptic and Heteroleptic Copper Complexes as Redox Couples in Dyeâ€Sensitized Solar Cells. ChemPhotoChem, 2019, 3, 636-644.	1.5	12
126	InnenrÃ¼cktitelbild: Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates (Angew. Chem. 21/2019). Angewandte Chemie, 2019, 131, 7217-7217.	1.6	1

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127	Electronically Tuned Asymmetric mesoâ€Substituted Porphyrins for pâ€Type Solar Cells. ChemPlusChem, 2019, 84, 766-771.	1.3	8
128	Pentacenes: A Molecular Ruler for Singlet Fission. Trends in Chemistry, 2019, 1, 11-21.	4.4	32
129	Intermolecular packing and charge transfer in metallofullerene/porphyrin cocrystals. Chemical Communications, 2019, 55, 6018-6021.	2.2	9
130	Carbon Nanodots for Charge-Transfer Processes. Accounts of Chemical Research, 2019, 52, 955-963.	7.6	74
131	Davydov splitting and singlet fission in excitonically coupled pentacene dimers. Chemical Science, 2019, 10, 3854-3863.	3.7	60
132	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie - International Edition, 2019, 58, 6932-6937.	7.2	35
133	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie, 2019, 131, 7006-7011.	1.6	13
134	Varying the Interpentacene Electronic Coupling to Tune Singlet Fission. Journal of the American Chemical Society, 2019, 141, 6191-6203.	6.6	66
135	Purification and structural elucidation of carbon dots by column chromatography. Nanoscale, 2019, 11, 8464-8474.	2.8	85
136	Control over Tuning Fullerene Microcrystals by Means of Engineering Charge-Transfer Interactions. ACS Applied Materials & Interfaces, 2019, 11, 16567-16570.	4.0	5
137	Light triggers molecular shuttling in rotaxanes: control over proximity and charge recombination. Chemical Science, 2019, 10, 3846-3853.	3.7	19
138	Charge transfer in graphene quantum dots coupled with tetrathiafulvalenes. Chemical Communications, 2019, 55, 3223-3226.	2.2	18
139	Light-harvesting porphyrazines to enable intramolecular singlet fission. Nanoscale, 2019, 11, 22286-22292.	2.8	14
140	Hot electron injection into semiconducting polymers in polymer based-perovskite solar cells and their fate. Nanoscale, 2019, 11, 23357-23365.	2.8	3
141	Celebrating 10 years of Nanoscale. Nanoscale, 2019, 11, 18922-18922.	2.8	1
142	Subphthalocyanineâ€“tetracyanobuta-1,3-dieneâ€“aniline conjugates: stereoisomerism and photophysical properties. Chemical Science, 2019, 10, 10997-11005.	3.7	30
143	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
144	Steuerung des GrenzflÃchenâ€Ladungstransfers und des Fillâ€Factors in CuOâ€basierten GrÃtzelâ€Tandemzellen. Angewandte Chemie, 2019, 131, 4097-4102.	1.6	8

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145	Controlling Interfacial Charge Transfer and Fill Factors in CuOâ€based Tandem Dyeâ€Sensitized Solar Cells. Angewandte Chemie - International Edition, 2019, 58, 4056-4060.	7.2	32
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