Dirk M Guldi

List of Publications by Year
in descending order

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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	Excited-State Properties of C60 Fullerene Derivatives. Accounts of Chemical Research, 2000, 33, 695-703.	7.6	1,063
2	Fullereneâ€“porphyrin architectures; photosynthetic antenna and reaction center models. Chemical Society Reviews, 2002, 31, 22-36.	18.7	931
3	Covalent and Noncovalent Phthalocyanineâ^'Carbon Nanostructure Systems: Synthesis, Photoinduced Electron Transfer, and Application to Molecular Photovoltaics. Chemical Reviews, 2010, 110, 6768-6816.	23.0	748
4	Fullerenes: three dimensional electron acceptor materials. Chemical Communications, 2000, , 321-327.	2.2	569
5	Modulating Charge Separation and Charge Recombination Dynamics in Porphyrinâ^'Fullerene Linked Dyads and Triads:Â Marcus-Normal versus Inverted Region. Journal of the American Chemical Society, 2001, 123, 2607-2617.	6.6	537
6	Materials for organic solar cells: the C60/Ï€-conjugated oligomer approach. Chemical Society Reviews, 2005, 34, 31-47.	18.7	513
7	Carbon nanotubesâ€"electronic/electrochemical properties and application for nanoelectronics and photonics. Chemical Society Reviews, 2009, 38, 165-184.	18.7	502
8	Charge Separation in a Novel Artificial Photosynthetic Reaction Center Lives 380 ms. Journal of the American Chemical Society, 2001, 123, 6617-6628.	6.6	500
9	Carbon Nanotubes in Electron Donorâ^'Acceptor Nanocomposites. Accounts of Chemical Research, 2005, 38, 871-878.	7.6	453
10	Fullerene for organic electronics. Chemical Society Reviews, 2009, 38, 1587.	18.7	430
11	Multifunctional molecular carbon materialsâ€"from fullerenes to carbon nanotubes. Chemical Society Reviews, 2006, 35, 471.	18.7	388
12	Singlet fission in pentacene dimers. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 5325-5330.	3.3	368
13	Chemical functionalization and characterization of graphene-based materials. Chemical Society Reviews, 2017, 46, 4464-4500.	18.7	356
14	Sequential Energy and Electron Transfer in an Artificial Reaction Center:Â Formation of a Long-Lived Charge-Separated State. Journal of the American Chemical Society, 2000, 122, 6535-6551.	6.6	352
15	Electronic Communication in Tetrathiafulvalene (TTF)/C60 Systems: Toward Molecular Solar Energy Conversion Materials?. Accounts of Chemical Research, 2007, 40, 1015-1024.	7.6	342
16	Carbon Nanodots: Toward a Comprehensive Understanding of Their Photoluminescence. Journal of the American Chemical Society, 2014, 136, 17308-17316.	6.6	334
17	Intramolecular Electron Transfer in Fullerene/Ferrocene Based Donorâ^'Bridgeâ^'Acceptor Dyads. Journal of the American Chemical Society, 1997, 119, 974-980.	6.6	327
18	Interactions in Single Wall Carbon Nanotubes/Pyrene/Porphyrin Nanohybrids. Journal of the American Chemical Society, 2006, 128, 11222-11231.	6.6	320

#	Article	IF	Citations
19	Facile Decoration of Functionalized Single-Wall Carbon Nanotubes with Phthalocyanines via â€œClick Chemistryâ€• Journal of the American Chemical Society, 2008, 130, 11503-11509.	6.6	308
20	Dendrimer-Functionalized Single-Wall Carbon Nanotubes:Â Synthesis, Characterization, and Photoinduced Electron Transfer. Journal of the American Chemical Society, 2006, 128, 12544-12552.	6.6	254
21	Integrating Single-Wall Carbon Nanotubes into Donor-Acceptor Nanohybrids. Angewandte Chemie - International Edition, 2004, 43, 5526-5530.	7.2	244
22	Single-Wall Carbon Nanotubes as Integrative Building Blocks for Solar-Energy Conversion. Angewandte Chemie - International Edition, 2005, 44, 2015-2018.	7.2	232
23	Subphthalocyanines:Â Tuneable Molecular Scaffolds for Intramolecular Electron and Energy Transfer Processes. Journal of the American Chemical Society, 2004, 126, 6301-6313.	6.6	219
24	CNTâ^'CdTe Versatile Donorâ^'Acceptor Nanohybrids. Journal of the American Chemical Society, 2006, 128, 2315-2323.	6.6	219
25	Manipulating single-wall carbon nanotubes by chemical doping and charge transfer with perylene dyes. Nature Chemistry, 2009, 1, 243-249.	6.6	215
26	Novel Photoactive Single-Walled Carbon Nanotube-Porphyrin Polymer Wraps: Efficient and Long-Lived Intracomplex Charge Separation. Advanced Materials, 2005, 17, 871-875.	11.1	207
27	Hydrogen-Bonding Motifs in Fullerene Chemistry. Angewandte Chemie - International Edition, 2005, 44, 5374-5382.	7.2	197
28	Comparison of Reorganization Energies for Intra- and Intermolecular Electron Transfer. Angewandte Chemie - International Edition, 2002, 41, 2344-2347.	7.2	193
29	Design, Synthesis, and Photophysical Studies of a Porphyrin-Fullerene Dyad with Parachute Topology; Charge Recombination in the Marcus Inverted Region. Journal of the American Chemical Society, 2004, 126, 7257-7270.	6.6	187
30	Functional Single-Wall Carbon Nanotube NanohybridsAssociating SWNTs with Water-Soluble Enzyme Model Systems. Journal of the American Chemical Society, 2005, 127, 9830-9838.	6.6	186
31	Photophysical Properties of Mono- and Multiply-Functionalized Fullerene Derivatives. Journal of Physical Chemistry A, 1997, 101, 1472-1481.	1.1	181
32	Electron transfer through rigid organic molecular wires enhanced by electronic and electronâ€“vibration coupling. Nature Chemistry, 2014, 6, 899-905.	6.6	180
33	Ordering Fullerene Materials at Nanometer Dimensions. Accounts of Chemical Research, 2005, 38, 38-43.	7.6	177
34	Unified model for singlet fission within a non-conjugated covalent pentacene dimer. Nature Communications, 2017, 8, 15171.	5.8	176
35	ITOâ€Free and Fully Solutionâ€Processed Semitransparent Organic Solar Cells with High Fill Factors. Advanced Energy Materials, 2013, 3, 1062-1067.	10.2	172
36	A Molecular Tetrad Allowing Efficient Energy Storage for 1.6 s at 163 K. Journal of Physical Chemistry A, 2004, 108, 541-548.	1.1	169

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37	Efficient Functionalization of Carbon Nanotubes with Porphyrin Dendrons via Click Chemistry. Journal of the American Chemical Society, 2009, 131, 15394-15402.	6.6	167
38	A voyage into the synthesis and photophysics of homo- and heterobinuclear ensembles of phthalocyanines and porphyrins. Chemical Society Reviews, 2013, 42, 8049.	18.7	167
39	The Effect of PCBM Dimerization on the Performance of Bulk Heterojunction Solar Cells. Advanced Energy Materials, 2014, 4, 1300693.	10.2	167
40	Synthesis, Characterization, and Photoinduced Electron Transfer in Functionalized Single Wall Carbon Nanohorns. Journal of the American Chemical Society, 2007, 129, 3938-3945.	6.6	166
41	Parallel (Face-to-Face) Versus Perpendicular (Edge-to-Face) Alignment of Electron Donors and Acceptors in Fullerene Porphyrin Dyads:Â The Importance of Orientation in Electron Transfer. Journal of the American Chemical Society, 2001, 123, 9166-9167.	6.6	157
42	Driving Force Dependence of Intermolecular Electron-Transfer Reactions of Fullerenes. Chemistry - A European Journal, 2003, 9, 1585-1593.	1.7	156
43	Nanoscale Organization of a Phthalocyanineâ^'Fullerene System:â€‰ Remarkable Stabilization of Charges in Photoactive 1-D Nanotubules. Journal of the American Chemical Society, 2005, 127, 5811-5813.	6.6	145
44	The energy-transfer-enabled biocompatible disulfideâ€“ene reaction. Nature Chemistry, 2018, 10, 981-988.	6.6	143
45	Sc₃N@C₈₀â€Ferrocene Electronâ€Donor/Acceptor Conjugates as Promising Materials for Photovoltaic Applications. Angewandte Chemie - International Edition, 2008, 47, 4173-4176.	7.2	141
46	A multicomponent molecular approach to artificial photosynthesis â€“ the role of fullerenes and endohedral metallofullerenes. Chemical Society Reviews, 2016, 45, 612-630.	18.7	141
47	Carbon nanostructures for solar energy conversion schemes. Chemical Communications, 2011, 47, 606-610.	2.2	140
48	Convergent Synthesis and Photophysics of [60]Fullerene/Porphyrin-Based Rotaxanes. Journal of the American Chemical Society, 2004, 126, 3388-3389.	6.6	137
49	Epitaxial Growth of PbSe Quantum Dots on MoS₂ Nanosheets and their Nearâ€Infrared Photoresponse. Advanced Functional Materials, 2014, 24, 5798-5806.	7.8	134
50	Hierarchical organization of perylene bisimides and polyoxometalates for photo-assisted water oxidation. Nature Chemistry, 2019, 11, 146-153.	6.6	132
51	Phthalocyanineâ^'Pyrene Conjugates: A Powerful Approach toward Carbon Nanotube Solar Cells. Journal of the American Chemical Society, 2010, 132, 16202-16211.	6.6	131
52	Efficient Charge Separation in Porphyrin-Fullerene-Ligand Complexes. Chemistry - A European Journal, 2001, 7, 816-827.	1.7	128
53	Electronically interacting single wall carbon nanotubeâ€“porphyrin nanohybrids. Journal of Materials Chemistry, 2006, 16, 62-65.	6.7	127
54	Spectroscopic Characterization of Photolytically Generated Radical Ion Pairs in Single-Wall Carbon Nanotubes Bearing Surface-Immobilized Tetrathiafulvalenes. Journal of the American Chemical Society, 2008, 130, 66-73.	6.6	125

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55	Nanometer scale carbon structures for charge-transfer systems and photovoltaic applications. Physical Chemistry Chemical Physics, 2007, 9, 1400.	1.3	123
56	Towards Tunable Graphene/Phthalocyanineâ€“PPV Hybrid Systems. Angewandte Chemie - International Edition, 2011, 50, 3561-3565.	7.2	122
57	[2]Catenanes Decorated with Porphyrin and [60]Fullerene Groups: Design, Convergent Synthesis, and Photoinduced Processes. Journal of the American Chemical Society, 2010, 132, 3847-3861.	6.6	121
58	Pentacene Dimers as a Critical Tool for the Investigation of Intramolecular Singlet Fission. Chemistry - A European Journal, 2018, 24, 8245-8257.	1.7	120
59	Redox and Excitation Studies with C60-Substituted Malonic Acid Diethyl Esters. The Journal of Physical Chemistry, 1995, 99, 9380-9385.	2.9	119
60	25th Anniversary Article: 25 Years of Fullerene Research in Electron Transfer Chemistry. Advanced Materials, 2014, 26, 1482-1493.	11.1	119
61	Concaveâ€“Convex Ï€â€“Ï€ Template Approach Enables the Synthesis of [10]Cycloparaphenyleneâ€“Fullerene [2]Rotaxanes. Journal of the American Chemical Society, 2018, 140, 13413-13420.	6.6	119
62	Biomimetic Assemblies of Carbon Nanostructures for Photochemical Energy Conversion. Journal of Physical Chemistry B, 2005, 109, 11432-11441.	1.2	118
63	Fullerene architectures made to order; biomimetic motifs â€” design and features. Journal of Materials Chemistry, 2002, 12, 1978-1992.	6.7	117
64	Photoinduced Charge-Transfer States in Subphthalocyanineâ^'Ferrocene Dyads. Journal of the American Chemical Society, 2006, 128, 10680-10681.	6.6	116
65	Electronic Communication through Ï€-Conjugated Wires in Covalently Linked Porphyrin/C60Ensembles. Chemistry - A European Journal, 2005, 11, 1267-1280.	1.7	115
66	Exceptionally Strong Electronic Communication through Hydrogen Bonds in Porphyrinâ€“C60 Pairs. Angewandte Chemie - International Edition, 2006, 45, 4637-4641.	7.2	114
67	Redox processes and alkylation reactions of fullerene C60 as studied by pulse radiolysis. The Journal of Physical Chemistry, 1993, 97, 11258-11264.	2.9	113
68	Modulating Charge-Transfer Interactions in Topologically Different Porphyrinâ€“C60 Dyads. Chemistry - A European Journal, 2003, 9, 4968-4979.	1.7	110
69	Energy and Electron Transfer in Polyacetylene-Linked Zinc-Porphyrin-[60]Fullerene Molecular Wires. Chemistry - A European Journal, 2005, 11, 3375-3388.	1.7	110
70	A Panchromatic Supramolecular Fullereneâ€Based Donorâ€“Acceptor Assembly Derived from a Peripherally Substituted Bodipyâ€“Zinc Phthalocyanine Dyad. Chemistry - A European Journal, 2010, 16, 1929-1940.	1.7	110
71	Implementation of a Hamiliton-Receptor-Based Hydrogen-Bonding Motif toward a New Electron Donorâ^'Acceptor Prototype:â€‰ Electron versus Energy Transfer. Journal of the American Chemical Society, 2007, 129, 16057-16071.	6.6	108
72	Solution-based intramolecular singlet fission in cross-conjugated pentacene dimers. Nanoscale, 2016, 8, 10113-10123.	2.8	108

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73	Discrete Supramolecular Donorâ€“Acceptor Complexes. Angewandte Chemie - International Edition, 2009, 48, 815-819.	7.2	107
74	Porphyrinâ€“fullerene photosynthetic model systems with rotaxane andÂcatenane architectures. Comptes Rendus Chimie, 2006, 9, 892-908.	0.2	106
75	Molecular Engineering of C60-Based Conjugated Oligomer Ensembles:Â Modulating the Competition between Photoinduced Energy and Electron Transfer Processes. Journal of Organic Chemistry, 2002, 67, 1141-1152.	1.7	105
76	Synthesis, Characterization, and Photoinduced Electron Transfer Processes of Orthogonal Ruthenium Phthalocyanineâ€'Fullerene Assemblies. Journal of the American Chemical Society, 2009, 131, 10484-10496.	6.6	105
77	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
78	Low dimensional nanocarbons â€“ chemistry and energy/electron transfer reactions. Chemical Science, 2013, 4, 4335.	3.7	102
79	Probing Molecular Wires: Synthesis, Structural, and Electronic Study of Donor-Acceptor Assemblies Exhibiting Long-Range Electron Transfer. Chemistry - A European Journal, 2005, 11, 4819-4834.	1.7	101
80	Promising Fast Energy Transfer System via an Easy Synthesis: Bodipyâ€“Porphyrin Dyads Connected via a Cyanuric Chloride Bridge, Their Synthesis, and Electrochemical and Photophysical Investigations. Inorganic Chemistry, 2011, 50, 8926-8936.	1.9	101
81	Shedding light on the effective fluorophore structure of high fluorescence quantum yield carbon nanodots. RSC Advances, 2017, 7, 24771-24780.	1.7	101
82	Fullerenes â€“ how 25 years of charge transfer chemistry have shaped our understanding of (interfacial) interactions. Chemical Society Reviews, 2018, 47, 702-714.	18.7	101
83	Energy and Electron Transfer in Î²-Alkynyl-Linked Porphyrinâ€'[60]Fullerene Dyads. Journal of Physical Chemistry B, 2006, 110, 14155-14166.	1.2	100
84	A Supramolecular [10]CPP Junction Enables Efficient Electron Transfer in Modular Porphyrinâ€“[10]CPPâŠƒFullerene Complexes. Angewandte Chemie - International Edition, 2018, 57, 11549-11553.	7.2	99
85	Efficient Charge Separation in C60-Based Dyads:Â Triazolino[4â€˜,5â€˜:1,2][60]fullerenes. Journal of Organic Chemistry, 2000, 65, 1978-1983.	1.7	98
86	Unconventional singlet fission materials. Chemical Society Reviews, 2021, 50, 3485-3518.	18.7	97
87	Metal Nitride Cluster Fullerene M₃N@C₈₀ (M=Y, Sc) Based Dyads: Synthesis, and Electrochemical, Theoretical and Photophysical Studies. Chemistry - A European Journal, 2009, 15, 864-877.	1.7	96
88	Self-Assembly, Hostâ€“Guest Chemistry, and Photophysical Properties of Subphthalocyanine-Based Metallosupramolecular Capsules. Journal of the American Chemical Society, 2013, 135, 10503-10511.	6.6	95
89	Donorâ€“acceptor nanoensembles of soluble carbon nanotubes. Chemical Communications, 2004, , 2034.	2.2	94
90	Pairing Fullerenes and Porphyrins: Supramolecular Wires That Exhibit Charge Transfer Activity. Journal of the American Chemical Society, 2010, 132, 10786-10795.	6.6	94

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91	Oxa[7]superhelicene: A Ï€â€Extended Helical Chromophore Based on Hexaâ€periâ€hexabenzocoronenes. Angewandte Chemie - International Edition, 2018, 57, 5938-5942.	7.2	94
92	Organic Functionalization and Optical Properties of Carbon Onions. Journal of the American Chemical Society, 2003, 125, 14268-14269.	6.6	93
93	Control over Electron Transfer in Tetrathiafulvalene-Modified Single-Walled Carbon Nanotubes. Angewandte Chemie - International Edition, 2006, 45, 4478-4482.	7.2	91
94	Electron-Donating Behavior of Few-Layer Graphene in Covalent Ensembles with Electron-Accepting Phthalocyanines. Journal of the American Chemical Society, 2014, 136, 4593-4598.	6.6	91
95	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
96	Linking Photoâ€•and Redoxactive Phthalocyanines Covalently to Graphene. Angewandte Chemie - International Edition, 2012, 51, 6421-6425.	7.2	90
97	Charge-transfer in a Ï€-stacked fullerene porphyrin dyad: evidence for back electron transfer in the â€˜Marcus-invertedâ€™ region. Chemical Communications, 2000, , 373-374.	2.2	89
98	Endohedral Metallofullerenesâ€”Filled Fullerene Derivatives towards Multifunctional Reaction Center Mimics. Chemistry - A European Journal, 2012, 18, 5136-5148.	1.7	88
99	Modulating Electronic Interactions between Closely Spaced Complementary Ï€ Surfaces with Different Outcomes: Regioâ€•and Diastereomerically Pure Subphthalocyanineâ€“C₆₀ Tris Adducts. Angewandte Chemie - International Edition, 2009, 48, 8032-8036.	7.2	85
100	Purification and structural elucidation of carbon dots by column chromatography. Nanoscale, 2019, 11, 8464-8474.	2.8	85
101	Recent advances in multifunctional nanocarbons used in dye-sensitized solar cells. Energy and Environmental Science, 2014, 7, 1281.	15.6	83
102	Molecular wires â€“ impact of Ï€-conjugation and implementation of molecular bottlenecks. Chemical Society Reviews, 2015, 44, 988-998.	18.7	83
103	Discovery of Unforeseen Energy-Transfer-Based Transformations Using a Combined Screening Approach. CheM, 2019, 5, 2183-2194.	5.8	83
104	Tuning Electron Transfer through Translational Motion in Molecular Shuttles. Angewandte Chemie - International Edition, 2007, 46, 3521-3525.	7.2	82
105	Immobilizing Water-Soluble Dendritic Electron Donors and Electron Acceptorsâ€”Phthalocyanines and Perylenediimidesâ€”onto Single Wall Carbon Nanotubes. Journal of the American Chemical Society, 2010, 132, 6392-6401.	6.6	82
106	Carbon Nanodots: Supramolecular Electron Donorâ€“Acceptor Hybrids Featuring Perylenediimides. Angewandte Chemie - International Edition, 2015, 54, 8292-8297.	7.2	80
107	Tuning electron transfer through p-phenyleneethynylene molecular wires. Chemical Communications, 2006, , 3202-3204.	2.2	79
108	Activating Multistep Charge-Transfer Processes in Fullereneâ^Subphthalocyanineâ^Ferrocene Molecular Hybrids as a Function of Ï€â^Ï€ Orbital Overlap. Journal of the American Chemical Society, 2010, 132, 16488-16500.	6.6	78

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109	Efficient Energy-Conversion Materials for the Future: Understanding and Tailoring Charge-Transfer Processes in Carbon Nanostructures. CheM, 2016, 1, 531-556.	5.8	78
110	Unexpected Change in Charge Transfer Behavior in a Cobalt(II) Porphyrinâ^'Fullerene Conjugate That Stabilizes Radical Ion Pair States. Journal of the American Chemical Society, 2004, 126, 10370-10381.	6.6	77
111	Evidence of Pronounced Electronic Coupling in a Directly Bonded Fullerene-Ferrocene Dyad. ChemPhysChem, 2002, 3, 195-205.	1.0	76
112	Multiwalled carbon nanotubes in donorâ€“acceptor nanohybridsâ€”towards long-lived electron transfer products. Chemical Communications, 2005, , 2038-2040.	2.2	76
113	Tetrathiafulvalene-Based Nanotweezersâ€”Noncovalent Binding of Carbon Nanotubes in Aqueous Media with Charge Transfer Implications. Journal of the American Chemical Society, 2012, 134, 9183-9192.	6.6	76
114	Charge Carrier Dynamics in a Ternary Bulk Heterojunction System Consisting of P3HT, Fullerene, and a Low Bandgap Polymer. Advanced Energy Materials, 2013, 3, 949-958.	10.2	75
115	Trapping fullerenes with jellyfish-like subphthalocyanines. Chemical Science, 2013, 4, 1338.	3.7	75
116	Synthesis and Photoinduced Electronâ€Transfer Properties of Phthalocyanineâ€“[60]Fullerene Conjugates. Chemistry - A European Journal, 2008, 14, 3765-3775.	1.7	74
117	pâ€Phenyleneethynylene Molecular Wires: Influence of Structure on Photoinduced Electronâ€Transfer Properties. Chemistry - A European Journal, 2008, 14, 6379-6390.	1.7	74
118	Carbon Nanodots for Charge-Transfer Processes. Accounts of Chemical Research, 2019, 52, 955-963.	7.6	74
119	Synthesis and Photophysical Investigation of New Porphyrin Derivatives with Î²-Pyrrole Ethynyl Linkage and Corresponding Dyad with [60] Fullerene. Journal of Physical Chemistry A, 2006, 110, 11424-11434.	1.1	73
120	Versatile Coordination Chemistry towards Multifunctional Carbon Nanotube Nanohybrids. Chemistry - A European Journal, 2006, 12, 2152-2161.	1.7	73
121	Effect of PCBM on the Photodegradation Kinetics of Polymers for Organic Photovoltaics. Chemistry of Materials, 2012, 24, 4397-4405.	3.2	73
122	Subphthalocyanines Axially Substituted with a Tetracyanobuta-1,3-dieneâ€“Aniline Moiety: Synthesis, Structure, and Physicochemical Properties. Journal of the American Chemical Society, 2017, 139, 5520-5529.	6.6	73
123	Optical processes in carbon nanocolloids. CheM, 2021, 7, 606-628.	5.8	73
124	[2,2â€²]Paracyclophane-Based Ï€-Conjugated Molecular Wires Reveal Molecular-Junction Behavior. Journal of the American Chemical Society, 2011, 133, 2370-2373.	6.6	72
125	Formation and Characterization of the Ï€-Radical Cation and Dication of Ï€-Extended Tetrathiafulvalene Materials. Journal of Physical Chemistry B, 2001, 105, 7139-7144.	1.2	71
126	A Molecular Ce₂@I_h-C₈₀ Switchâ€”Unprecedented Oxidative Pathway in Photoinduced Charge Transfer Reactivity. Journal of the American Chemical Society, 2010, 132, 9078-9086.	6.6	71

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127	A Paradigmatic Change: Linking Fullerenes to Electron Acceptors. Journal of the American Chemical Society, 2012, 134, 12190-12197.	6.6	71
128	Interfacial charge transfer in functionalized multi-walled carbon nanotube@TiO₂ nanofibres. Nanoscale, 2017, 9, 7911-7921.	2.8	71
129	Aligning Singleâ€Walled Carbon Nanotubes By Means Of Langmuirâ€“Blodgett Film Deposition: Optical, Morphological, and Photoâ€electrochemical Studies. Advanced Functional Materials, 2010, 20, 2481-2488.	7.8	70
130	Two Similar Near-Infrared (IR) Absorbing Benzannulated Aza-BODIPY Dyes as Near-IR Sensitizers for Ternary Solar Cells. ACS Applied Materials & Interfaces, 2013, 5, 5609-5616.	4.0	70
131	Screening Electronic Communication through orthoâ€‹, metaâ€‹ and paraâ€‹Substituted Linkers Separating Subphthalocyanines and C₆₀. Chemistry - A European Journal, 2008, 14, 7670-7679.	1.7	69
132	Synthesis and Charge-Transfer Chemistry of La₂@I_h-C₈₀/Sc₃N@I_h-C₈₀â Porphyrin Conjugates: Impact of Endohedral Cluster. Journal of the American Chemical Society, 2011, 133, 7608-7618.	6.6	69
133	Accelerating charge transfer in a triphenylamineâ€“subphthalocyanine donorâ€“acceptor system. Chemical Communications, 2008, , 1759.	2.2	68
134	Morphology analysis of near IR sensitized polymer/fullerene organic solar cells by implementing low bandgap heteroanalogue C-/Si-PCPDTBT. Journal of Materials Chemistry A, 2014, 2, 19461-19472.	5.2	68
135	Homo and Hetero Molecular 3D Nanographenes Employing a Cyclooctatetraene Scaffold. Journal of the American Chemical Society, 2020, 142, 4162-4172.	6.6	68
136	Porphyrinâˆ'Î²-Oligo-Ethynylenephenyleneâˆ'[60]Fullerene Triads: Synthesis and Electrochemical and Photophysical Characterization of the New Porphyrinâˆ'Oligo-PPEâˆ'[60]Fullerene Systems. Journal of Physical Chemistry A, 2009, 113, 1779-1793.	1.1	67
137	A New exTTF-Crown Ether Platform To Associate Fullerenes: Cooperative nâˆ'Ï€ and Ï€âˆ'Ï€ Effects. Journal of the American Chemical Society, 2010, 132, 17387-17389.	6.6	67
138	Blending Through-Space and Through-Bond Ï€â€“Ï€-Coupling in [2,2â€²]-Paracyclophane-oligophenylenevinylene Molecular Wires. Journal of the American Chemical Society, 2013, 135, 10372-10381.	6.6	66
139	Graphene Oxide: A One- versus Two-Component Material. Journal of the American Chemical Society, 2016, 138, 11445-11448.	6.6	66
140	Varying the Interpentacene Electronic Coupling to Tune Singlet Fission. Journal of the American Chemical Society, 2019, 141, 6191-6203.	6.6	66
141	Nanobiosensing with graphene and carbon quantum dots: Recent advances. Materials Today, 2020, 39, 23-46.	8.3	66
142	Molecular insights and concepts to engineer singlet fission energy conversion devices. Energy and Environmental Science, 2020, 13, 2741-2804.	15.6	66
143	Versatile Organic (Fullerene)âˆ'Inorganic (CdTe Nanoparticle) Nanoensembles. Journal of the American Chemical Society, 2004, 126, 14340-14341.	6.6	65
144	Improving Photocurrent Generation: Supramolecularly and Covalently Functionalized Singleâ€Wall Carbon Nanotubesâ€“Polymer/Porphyrin Donorâ€“Acceptor Nanohybrids. Chemistry - A European Journal, 2008, 14, 8837-8846.	1.7	65

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145	The Electronic Structure of Amorphous Carbon Nanodots. Journal of Physical Chemistry B, 2015, 119, 7258-7265.	1.2	64
146	Understanding Charge-Transfer Characteristics in Crystalline Nanosheets of Fullerene/(Metallo)porphyrin Cocrystals. Journal of the American Chemical Society, 2017, 139, 10578-10584.	6.6	64
147	Pyrene-tetrathiafulvalene supramolecular assembly with different types of carbon nanotubes. Journal of Materials Chemistry, 2008, 18, 1498.	6.7	63
148	Supramolecular assembly of a quasi-linear heterofullereneâ€“porphyrin dyad. Journal of Materials Chemistry, 2002, 12, 2088-2094.	6.7	62
149	Toward Combining Graphene and QDs: Assembling CdTe QDs to Exfoliated Graphite and Nanographene in Water. ACS Nano, 2012, 6, 1915-1924.	7.3	62
150	Electron-Transfer Reactions between C60 and Radical Ions of Metalloporphyrins and Arenes. The Journal of Physical Chemistry, 1994, 98, 4617-4621.	2.9	61
151	Synthesis of Novel N-Linked Porphyrinâ^'Phthalocyanine Dyads. Organic Letters, 2007, 9, 1557-1560.	2.4	61
152	Efficient Synthetic Access to Cationic Dendrons and Their Application for ZnO Nanoparticles Surface Functionalization: New Building Blocks for Dye-Sensitized Solar Cells. Journal of the American Chemical Society, 2010, 132, 17910-17920.	6.6	61
153	Nanosized inorganic/organic composites for solar energy conversion. Journal of Materials Chemistry, 2005, 15, 114.	6.7	60
154	[2.2]Paracyclophane: a pseudoconjugated spacer for long-lived electron transfer in phthalocyanineâ€“C60dyads. Journal of Materials Chemistry, 2008, 18, 77-82.	6.7	60
155	Davydov splitting and singlet fission in excitonically coupled pentacene dimers. Chemical Science, 2019, 10, 3854-3863.	3.7	60
156	Nobleâ€Metalâ€Free Photocatalytic Hydrogen Evolution Activity: The Impact of Ball Milling Anatase Nanopowders with TiH₂. Advanced Materials, 2017, 29, 1604747.	11.1	59
157	Screening Supramolecular Interactions between Carbon Nanodots and Porphyrins. Journal of the American Chemical Society, 2018, 140, 904-907.	6.6	59
158	[6-6]-Closed versus [6-5]-Open Isomers of Imino- and Methanofullerenes:Â A Comparison with Pristine C60and (C59N)â€¢. Journal of Physical Chemistry A, 2000, 104, 8601-8608.	1.1	58
159	Porphyrin Antennas on Carbon Nanodots: Excited State Energy and Electron Transduction. Angewandte Chemie - International Edition, 2017, 56, 12097-12101.	7.2	58
160	Sharing Orbitals:Â Ultrafast Excited State Deactivations with Different Outcomes in Bucky Ferrocenes and Ruthenocenes. Journal of the American Chemical Society, 2006, 128, 9420-9427.	6.6	57
161	Determination of the attenuation factor in fluorene-based molecular wires. Chemical Communications, 2007, , 5164.	2.2	57
162	Novel nanographene/porphyrin hybrids â€“ preparation, characterization, and application in solar energy conversion schemes. Chemical Science, 2013, 4, 3085.	3.7	57

#	Article	IF	Citations
163	Direct exfoliation of graphite with a porphyrin â€“ creating functionalizable nanographene hybrids. Chemical Communications, 2012, 48, 8745.	2.2	56
164	Synthesis of Thieno-Bridged Porphyrins: Changing the Antiaromatic Contribution by the Direction of the Thiophene Ring. Journal of the American Chemical Society, 2012, 134, 16540-16543.	6.6	55
165	Combining Electronâ€Accepting Phthalocyanines and Nanorodâ€like CuO Electrodes for pâ€Type Dyeâ€Sensitized Solar Cells. Angewandte Chemie - International Edition, 2015, 54, 7688-7692.	7.2	55
166	Synthesis and Photophysical Properties of a Sc₃N@C₈₀â€Corrole Electron Donorâ€“Acceptor Conjugate. Chemistry - A European Journal, 2015, 21, 746-752.	1.7	55
167	Dendritic Porphyrinâ€“Fullerene Conjugates: Efficient Lightâ€Harvesting and Chargeâ€Transfer Events. Chemistry - A European Journal, 2009, 15, 12223-12233.	1.7	54
168	Pentacene Appended to a TEMPO Stable Free Radical: The Effect of Magnetic Exchange Coupling on Photoexcited Pentacene. Journal of the American Chemical Society, 2015, 137, 857-863.	6.6	54
169	Intense Groundâ€State Chargeâ€Transfer Interactions in Lowâ€Bandgap, Panchromatic Phthalocyanineâ€“Tetracyanobutaâ€1,3â€diene Conjugates. Angewandte Chemie - International Edition, 2016, 55, 5560-5564.	7.2	54
170	Synthesis and photophysical characterization of a subphthalocyanine fused dimerâ€“C60dyad. Chemical Communications, 2005, , 2113-2115.	2.2	53
171	Synthesis and Photophysical Studies of New Porphyrin-Phthalocyanine Dyads with Hindered Rotation. European Journal of Organic Chemistry, 2006, 2006, 257-267.	1.2	53
172	Dispersion of Single-Walled Carbon Nanotubes with an Extended Diazapentacene Derivative. Journal of Physical Chemistry A, 2007, 111, 12669-12673.	1.1	53
173	Innovative Inorganicâ€“Organic Nanohybrid Materials: Coupling Quantum Dots to Carbon Nanotubes. Angewandte Chemie - International Edition, 2010, 49, 6425-6429.	7.2	52
174	Assigning Electronic States in Carbon Nanodots. Advanced Functional Materials, 2016, 26, 7975-7985.	7.8	52
175	Singlet Fission for Photovoltaics with 130â€‰% Injection Efficiency. Angewandte Chemie - International Edition, 2018, 57, 10742-10747.	7.2	52
176	Tuning the reorganization energy of electron transfer in supramolecular ensembles â€“ metalloporphyrin, oligophenylenevinylenes, and fullerene â€“ and the impact on electron transfer kinetics. Nanoscale, 2015, 7, 2597-2608.	2.8	50
177	Carbon nanohorn-based electrolyte for dye-sensitized solar cells. Energy and Environmental Science, 2015, 8, 241-246.	15.6	49
178	Synthesis and Photophysical Properties of Fullereneâ€“Phthalocyanineâ€“Porphyrin Triads and Pentads. Chemistry - A European Journal, 2012, 18, 1727-1736.	1.7	48
179	Beneficial Effects of Liquid Crystalline Phases in Solidâ€State Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2013, 3, 657-665.	10.2	48
180	Reversible vapochromic response of polymer films doped with a highly emissive molecular rotor. Journal of Materials Chemistry C, 2014, 2, 9224-9232.	2.7	48

#	Article	IF	Citations
181	Electron-accepting phthalocyanineâ€“pyrene conjugates: towards liquid phase exfoliation of graphite and photoactive nanohybrid formation with graphene. Chemical Science, 2014, 5, 3432-3438.	3.7	48
182	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
183	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie - International Edition, 2022, 61, .	7.2	48
184	Decorating graphene nanosheets with electron accepting pyridyl-phthalocyanines. Nanoscale, 2015, 7, 5674-5682.	2.8	47
185	Utilization of Sc3N@C80in long-range charge transfer reactions. Chemical Communications, 2011, 47, 2270-2272.	2.2	46
186	Porphyrinâ€“Phthalocyanine/Pyridylfullerene Supramolecular Assemblies. Chemistry - A European Journal, 2012, 18, 3210-3219.	1.7	46
187	Carbon Nanohorns as Integrative Materials for Efficient Dyeâ€Sensitized Solar Cells. Advanced Materials, 2013, 25, 6513-6518.	11.1	46
188	Fullerene Van der Waals Oligomers as Electron Traps. Journal of the American Chemical Society, 2014, 136, 10890-10893.	6.6	46
189	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie - International Edition, 2020, 59, 7906-7914.	7.2	46
190	Cyclopentadienylruthenium Ï€â€…Complexes of Subphthalocyanines: A â€œDropâ€Pinâ€•Approach To Modifying the Electronic Features of Aromatic Macrocycles. Angewandte Chemie - International Edition, 2012, 51, 11337-11342.	7.2	45
191	Excitons and Trions in Oneâ€Photonâ€•and Twoâ€Photonâ€Excited MoS₂: A Study in Dispersions. Advanced Materials, 2018, 30, e1706702.	11.1	45
192	Interfacing Strong Electron Acceptors with Single Wall Carbon Nanotubes. Journal of the American Chemical Society, 2011, 133, 4580-4586.	6.6	44
193	Detailed Investigations of ZnO Photoelectrodes Preparation for Dye Sensitized Solar Cells. Langmuir, 2011, 27, 3920-3929.	1.6	44
194	Light-harvesting with panchromatically absorbing BODIPYâ€“porphyrazine conjugates to power electron transfer in supramolecular donorâ€“acceptor ensembles. Chemical Science, 2013, 4, 3888.	3.7	44
195	Phthalocyanineâ€“Perylenediimide Cart Wheels. Journal of the American Chemical Society, 2016, 138, 12963-12974.	6.6	44
196	Immobilizing NIR absorbing azulenocyanines onto single wall carbon nanotubesâ€”from charge transfer to photovoltaics. Chemical Science, 2012, 3, 1472.	3.7	43
197	Topological and Conformational Effects on Electron Transfer Dynamics in Porphyrin-[60]Fullerene Interlocked Systems. Chemistry of Materials, 2012, 24, 2472-2485.	3.2	43
198	Multistep energy and electron transfer processes in novel rotaxane donorâ€“acceptor hybrids generating microsecond-lived charge separated states. Chemical Science, 2015, 6, 7293-7304.	3.7	43

#	Article	IF	Citations
199	Overpotentials and Faraday Efficiencies in CO₂ Electrocatalysisâ€“the Impact of 1â€Ethylâ€3â€Methylimidazolium Trifluoromethanesulfonate. Advanced Energy Materials, 2016, 6, 1502231.	10.2	43
200	A fluorescent molecular rotor showing vapochromism, aggregation-induced emission, and environmental sensing in living cells. Journal of Materials Chemistry C, 2016, 4, 3018-3027.	2.7	43
201	Using carbon nanodots as inexpensive and environmentally friendly sensitizers in mesoscopic solar cells. Nanoscale Horizons, 2016, 1, 220-226.	4.1	43
202	Complexation and Versatile Reactivity of a Highly Lewis Acidic Cationic Mg Complex with Alkynes and Phosphines. Chemistry - A European Journal, 2019, 25, 2025-2034.	1.7	43
203	An exciting twenty-year journey exploring porphyrinoid-based photo- and electro-active systems. Coordination Chemistry Reviews, 2021, 428, 213605.	9.5	43
204	Bowl-shape electron donors with absorptions in the visible range of the solar spectrum and their supramolecular assemblies with C₆₀. Chemical Science, 2012, 3, 498-508.	3.7	42
205	Electron Accepting Porphycenes on Graphene. Advanced Materials, 2013, 25, 2600-2605.	11.1	42
206	Selfâ€Ordering Electron Donorâ€“Acceptor Nanohybrids Based on Singleâ€Walled Carbon Nanotubes Across Different Scales. Angewandte Chemie - International Edition, 2013, 52, 2180-2184.	7.2	41
207	Exploring Tetrathiafulvaleneâ€“Carbon Nanodot Conjugates in Charge Transfer Reactions. Angewandte Chemie - International Edition, 2018, 57, 1001-1005.	7.2	41
208	Carbon Nanodots for All-in-One Photocatalytic Hydrogen Generation. Journal of the American Chemical Society, 2021, 143, 20122-20132.	6.6	41
209	Synthesis, Characterization, and Photoinduced Energy and Electron Transfer in a Supramolecular Tetrakis (Ruthenium(II) Phthalocyanine) Perylenediimide Pentad. Chemistry - A European Journal, 2011, 17, 5024-5032.	1.7	40
210	A Supramolecular [10]CPP Junction Enables Efficient Electron Transfer in Modular Porphyrinâ€“[10]CPPâŠƒFullerene Complexes. Angewandte Chemie, 2018, 130, 11723-11727.	1.6	40
211	Design, synthesis and photoinduced processes in molecular interlocked photosynthetic [60]fullerene systems. Chemical Society Reviews, 2020, 49, 8-20.	18.7	40
212	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
213	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
214	Electrostatic layer-by-layer construction and characterization of photoelectrochemical solar cells based on water soluble polythiophenes and carbon nanotubes. Journal of Materials Chemistry, 2009, 19, 4319.	6.7	39
215	Enhanced binding strengths of acyclic porphyrin hosts with endohedral metallofullerenes. Chemical Science, 2011, 2, 1530.	3.7	39
216	Step-by-step self-assembled hybrids that feature control over energy and charge transfer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15565-15571.	3.3	39

#	Article	IF	Citations
217	Bidirectional Electron Transfer Capability in Phthalocyanineâ€“Sc₃N@I_hâ€“C₈₀ Complexes. Journal of the American Chemical Society, 2015, 137, 12914-12922.	6.6	39
218	Taming C60fullerene: tuning intramolecular photoinduced electron transfer process with subphthalocyanines. Chemical Science, 2015, 6, 4141-4147.	3.7	39
219	Ultrafast Charge Transfer between Light Absorber and Co₃O₄ Water Oxidation Catalyst across Molecular Wires Embedded in Silica Membrane. Journal of the American Chemical Society, 2017, 139, 5458-5466.	6.6	39
220	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
221	Efficient light harvesting anionic heptamethine cyanineâ€“[60] and [70]fullerene hybrids. Energy and Environmental Science, 2011, 4, 679.	15.6	38
222	Nanocarbon Hybrids: The Paradigm of Nanoscale Self-Ordering/Self-Assembling by Means of Charge Transfer/Doping Interactions. Journal of Physical Chemistry Letters, 2013, 4, 1489-1501.	2.1	38
223	Langmuirâ€“Schaefer Films for Aligned Carbon Nanotubes Functionalized with a Conjugate Polymer and Photoelectrochemical Response Enhancement. ACS Applied Materials & Interfaces, 2014, 6, 153-158.	4.0	38
224	A carbonâ€“carbon hybrid â€“ immobilizing carbon nanodots onto carbon nanotubes. Chemical Science, 2015, 6, 6878-6885.	3.7	38
225	Synthesis and photophysical properties of new catenated electron donorâ€“acceptor materials with magnesium and free base porphyrins as donors and C₆₀as the acceptor. Nanoscale, 2015, 7, 1145-1160.	2.8	38
226	Supramolecular Threaded Complexes from Fullereneâ€“Crown Ether and Ï€â€Extended TTF Derivatives. European Journal of Organic Chemistry, 2007, 2007, 5027-5037.	1.2	37
227	Cooperativity between Ï€â€“Ï€ and H-bonding interactionsâ€“a supramolecular complex formed by C60 and exTTF. Chemical Communications, 2008, , 5993.	2.2	37
228	Subphthalocyanine-polymethine cyanine conjugate: an all organic panchromatic light harvester that reveals charge transfer. Journal of Materials Chemistry, 2011, 21, 15914.	6.7	37
229	Ultrafast exciton dynamics after Soret- or Q-band excitation of a directly Î²,Î²â€²-linked bisporphyrin. Physical Chemistry Chemical Physics, 2012, 14, 8038.	1.3	37
230	Unveiling the nature of supramolecular crown etherâ€“C60 interactions. Chemical Science, 2015, 6, 4426-4432.	3.7	37
231	Dispersing Perylene Diimide/SWCNT Hybrids: Structural Insights at the Molecular Level and Fabricating Advanced Materials. Journal of the American Chemical Society, 2015, 137, 7429-7440.	6.6	37
232	A Fluorescence-Detected Coordination-Induced Spin State Switch. Journal of the American Chemical Society, 2021, 143, 3466-3480.	6.6	37
233	Efficient Utilization of Higherâ€Lying Excited States to Trigger Chargeâ€Transfer Events. Chemistry - A European Journal, 2010, 16, 9638-9645.	1.7	36
234	A Metallofullerene Electron Donor that Powers an Efficient Spin Flip in a Linear Electron Donorâ€“Acceptor Conjugate. Journal of the American Chemical Society, 2013, 135, 11165-11174.	6.6	36

#	Article	IF	Citations
235	Unraveling the peculiar modus operandi of a new class of solvatochromic fluorescent molecular rotors by spectroscopic and quantum mechanical methods. Chemical Science, 2013, 4, 2502.	3.7	36
236	Singlet fission in self-assembled PDI nanocrystals. Nanoscale, 2018, 10, 20147-20154.	2.8	36
237	Connecting two C60stoppers to molecular wires: ultrafast intramolecular deactivation reactions. Journal of Materials Chemistry, 2005, 15, 124-132.	6.7	35
238	trans-2 Addition Pattern to Power Charge Transfer in Dendronized Metalloporphyrin C60 Conjugates. Journal of the American Chemical Society, 2009, 131, 9378-9388.	6.6	35
239	Tuning and optimizing the intrinsic interactions between phthalocyanine-based PPV oligomers and single-wall carbon nanotubes toward n-type/p-type. Chemical Science, 2011, 2, 652-660.	3.7	35
240	An Endohedral Metallofullerene as a Pure Electron Donor: Intramolecular Electron Transfer in Donorâ€“Acceptor Conjugates of La₂@C₈₀ and 11,11,12,12-Tetracyano-9,10-anthra-p-quinodimethane (TCAQ). Journal of the American Chemical Society, 2012, 134, 19401-19408.	6.6	35
241	Carbene based photochemical molecular assemblies for solar driven hydrogen generation. Dalton Transactions, 2014, 43, 13683-13695.	1.6	35
242	Enhancing Molecular Recognition in Electron Donorâ€“Acceptor Hybrids via Cooperativity. Journal of the American Chemical Society, 2014, 136, 11436-11443.	6.6	35
243	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie - International Edition, 2019, 58, 6932-6937.	7.2	35
244	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
245	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
246	Polyâ€Orthoâ€Functionalizable Tetraarylporphycene Platformâ€“Synthesis of Octacationic Derivatives Towards the Layerâ€byâ€Layer Design of Versatile Graphene Oxide Photoelectrodes. Advanced Materials, 2013, 25, 2314-2318.	11.1	34
247	The mechanical bond on carbon nanotubes: diameter-selective functionalization and effects on physical properties. Nanoscale, 2016, 8, 9254-9264.	2.8	33
248	Efficient and Stable Solid-State Dye-Sensitized Solar Cells by the Combination of Phosphonium Organic Ionic Plastic Crystals with Silica. ACS Applied Materials & Interfaces, 2018, 10, 32271-32280.	4.0	33
249	Topological Effects of a Rigid Chiral Spacer on the Electronic Interactions in Donorâ€“Acceptor Ensembles. Chemistry - A European Journal, 2005, 11, 7199-7210.	1.7	32
250	Photophysical, electrochemical, and mesomorphic properties of a liquid-crystalline [60]fullereneâ€“peralkylated ferrocene dyad. Journal of Materials Chemistry, 2008, 18, 1504.	6.7	32
251	Control over Charge Transfer through Molecular Wires by Temperature and Chemical Structure Modifications. ACS Nano, 2010, 4, 6449-6462.	7.3	32
252	Stable Electron Donorâ€“Acceptor Nanohybrids by Interfacing nâ€Type TCAQ with pâ€Type Singleâ€Walled Carbon Nanotubes. Angewandte Chemie - International Edition, 2013, 52, 10216-10220.	7.2	32

#	Article	IF	Citations
253	Pentacenes: A Molecular Ruler for Singlet Fission. Trends in Chemistry, 2019, 1, 11-21.	4.4	32
254	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
255	Implementing a tripodal relay station in a phthalocyanineâ€“[60]fullerene conjugate. Journal of Materials Chemistry, 2008, 18, 1542.	6.7	31
256	Non-covalent versus covalent donorâ€“acceptor systems based on near-infrared absorbing azulenocyanines and C60 fullerene derivatives. Chemical Communications, 2012, 48, 4058.	2.2	31
257	Intense Groundâ€State Chargeâ€Transfer Interactions in Lowâ€Bandgap, Panchromatic Phthalocyanineâ€“Tetracyanobutaâ€1,3â€diene Conjugates. Angewandte Chemie, 2016, 128, 5650-5654.	1.6	31
258	Optimizing CuO p-type dye-sensitized solar cells by using a comprehensive electrochemical impedance spectroscopic study. Nanoscale, 2016, 8, 17963-17975.	2.8	31
259	Facile and quick preparation of carbon nanohorn-based counter electrodes for efficient dye-sensitized solar cells. Nanoscale, 2016, 8, 7556-7561.	2.8	31
260	Rigid, Branched Porphyrin Antennas: Control over Cascades of Unidirectional Energy Funneling and Charge Transfer. Journal of the American Chemical Society, 2017, 139, 11779-11788.	6.6	31
261	Pingâ€Pong Energy Transfer in Covalently Linked Porphyrinâ€MoS₂ Architectures. Angewandte Chemie - International Edition, 2020, 59, 3976-3981.	7.2	31
262	Physicochemical Characterization of Subporphyrazinesâ€”Lower Subphthalocyanine Homologues. ChemSusChem, 2009, 2, 330-335.	3.6	30
263	Mediating Reductive Charge Shift Reactions in Electron Transport Chains. Journal of the American Chemical Society, 2017, 139, 17474-17483.	6.6	30
264	Oxa[7]superhelicen: ein Ï€â€erweiterter, helikaler Chromophor auf Hexaâ€periâ€hexabenzocoronenâ€Basis. Angewandte Chemie, 2018, 130, 6044-6049.	1.6	30
265	Subphthalocyanineâ€“tetracyanobuta-1,3-dieneâ€“aniline conjugates: stereoisomerism and photophysical properties. Chemical Science, 2019, 10, 10997-11005.	3.7	30
266	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
267	How To Make Nitroaromatic Compounds Glow: Nextâ€Generation Large Xâ€Shaped, Centrosymmetric Diketopyrrolopyrroles. Angewandte Chemie - International Edition, 2020, 59, 16104-16113.	7.2	30
268	Chromoselective Synthesis of Sulfonyl Chlorides and Sulfonamides with Potassium Poly(heptazine) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	7.2	30
269	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
270	Red edge effect and chromoselective photocatalysis with amorphous covalent triazine-based frameworks. Nature Communications, 2022, 13, 2171.	5.8	30

#	Article	IF	Citations
271	Efficient electron transfer in Î²-substituted porphyrin-C60 dyads connected through a p-phenylenevinylene dimer. Tetrahedron, 2008, 64, 11404-11408.	1.0	29
272	Transient Absorption Spectroscopy Studies on Polythiophene-Fullerene Bulk Heterojunction Organic Blend Films Sensitized with a Low-Bandgap Polymer. Macromolecular Rapid Communications, 2013, 34, 1090-1097.	2.0	29
273	Hybrid Dyeâ€Titania Nanoparticles for Superior Lowâ€Temperature Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2018, 8, 1702583.	10.2	29
274	Interfacing porphyrins and carbon nanotubes through mechanical links. Chemical Science, 2018, 9, 6779-6784.	3.7	29
275	Singlet Fission in Pyreneâ€Fused Azaacene Dimers. Angewandte Chemie - International Edition, 2020, 59, 1113-1117.	7.2	29
276	Testing Electron Transfer within Molecular Associates Built around Anionic C₆₀ and C₇₀ Dendrofullerenes and a Cationic Zinc Porphyrin. Chemistry - A European Journal, 2008, 14, 3137-3145.	1.7	28
277	Vinyl spacersâ€”tuning electron transfer through fluorene-based molecular wires. Energy and Environmental Science, 2011, 4, 765.	15.6	28
278	Charge Transfer Events in Semiconducting Single-Wall Carbon Nanotubes. Journal of the American Chemical Society, 2011, 133, 18696-18706.	6.6	28
279	A Chargeâ€Transfer Challenge: Combining Fullerenes and Metalloporphyrins in Aqueous Environments. Chemistry - A European Journal, 2012, 18, 1328-1341.	1.7	28
280	Synthesis, characterization and photophysical properties of a melamine-mediated hydrogen-bound phthalocyanineâ€“perylenediimide assembly. Chemical Science, 2013, 4, 1064-1074.	3.7	28
281	Hostâ€“Guest Complexation of [60]Fullerenes and Porphyrins Enabled by â€œClick Chemistryâ€. Chemistry - A European Journal, 2013, 19, 11374-11381.	1.7	28
282	Controlling the crystalline three-dimensional order in bulk materials by single-wall carbon nanotubes. Nature Communications, 2014, 5, 3763.	5.8	28
283	Optical gap and fundamental gap of oligoynes and carbyne. Nature Communications, 2020, 11, 4797.	5.8	28
284	Symmetryâ€Breaking Chargeâ€Transfer Chromophore Interactions Supported by Carbon Nanodots. Angewandte Chemie - International Edition, 2020, 59, 12779-12784.	7.2	28
285	Subphthalocyanine fused dimersâ€“C60 dyads: synthesis, characterization, and theoretical study. Tetrahedron, 2007, 63, 12396-12404.	1.0	27
286	Powering reductive charge shift reactionsâ€”linking fullerenes of different electron acceptor strength to secure an energy gradient. Chemical Science, 2011, 2, 1677.	3.7	27
287	Ultrasound-induced transformation of fluorescent organic nanoparticles from a molecular rotor into rhomboidal nanocrystals with enhanced emission. Chemical Communications, 2014, 50, 12955-12958.	2.2	27
288	Quantitative Transduction of Excited-State Energy inFluorophore-Heterofullerene Conjugates. European Journal of Organic Chemistry, 2005, 2005, 1741-1751.	1.2	26

#	Article	IF	Citations
289	Convergent Synthesis and Photoinduced Processes in Multi-Chromophoric Rotaxanes. Journal of Physical Chemistry B, 2010, 114, 14408-14419.	1.2	26
290	Polyoxometalate {W₁₈O₅₆XO₆} Clusters with Embedded Redoxâ€Active Mainâ€Group Templates as Localized Innerâ€Cluster Radicals. Angewandte Chemie - International Edition, 2013, 52, 9695-9699.	7.2	26
291	Integrating metalloporphycenes into p-type NiO-based dye-sensitized solar cells. Chemical Communications, 2014, 50, 11339.	2.2	26
292	Tuning intramolecular electron and energy transfer processes in novel conjugates of La₂@C₈₀ and electron accepting subphthalocyanines. Chemical Communications, 2015, 51, 330-333.	2.2	26
293	Electroactive carbon nanoforms: a comparative study via sequential arylation and click chemistry reactions. Nanoscale, 2015, 7, 1193-1200.	2.8	26
294	Regioâ€, Stereoâ€, and Atropselective Synthesis of C₆₀ Fullerene Bisadducts by Supramolecularâ€Directed Functionalization. Angewandte Chemie - International Edition, 2016, 55, 11020-11025.	7.2	26
295	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
296	Bright luminescent lithium and magnesium carbene complexes. Chemical Science, 2021, 12, 7401-7410.	3.7	26
297	A Bisfullereneâ€“Bis(dipyrrinato)zinc Complex: Electronic Coupling and Charge Separation in an Easyâ€toâ€Assemble Synthetic System. Chemistry - A European Journal, 2009, 15, 3956-3959.	1.7	25
298	Screening interactions of zinc phthalocyanineâ€“PPV oligomers with single wall carbon nanotubesâ€”a comparative study. Journal of Materials Chemistry, 2011, 21, 8014.	6.7	25
299	A Fully Conjugated TTFâ€“Ïâ€“TCAQ System: Synthesis, Structure, and Electronic Properties. Chemistry - A European Journal, 2011, 17, 2957-2964.	1.7	25
300	Tuning the Stability of Graphene Layers by Phthalocyanineâ€Based oPPV Oligomers Towards Photoâ€and Redoxactive Materials. Small, 2013, 9, 2348-2357.	5.2	25
301	Polyhydrogenated Graphene: Excited State Dynamics in Photo- and Electroactive Two-Dimensional Domains. Journal of the American Chemical Society, 2015, 137, 13079-13086.	6.6	25
302	Two-Photon Absorption in Pentacene Dimers: The Importance of the Spacer Using Upconversion as an Indirect Route to Singlet Fission. Journal of the American Chemical Society, 2017, 139, 14017-14020.	6.6	25
303	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
304	Probing the Electron-Accepting Reactivity of Isomeric Bis(pyrrolidinium) Fullerene Salts in Aqueous Solutions. Journal of Physical Chemistry B, 2000, 104, 1483-1489.	1.2	24
305	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
306	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

#	Article	IF	Citations
307	Contrasting Photodynamics between C₆₀â€“Dithiapyrene and C₆₀â€“Pyrene Dyads. Chemistry - A European Journal, 2008, 14, 250-258.	1.7	23
308	Ultrafast Photoinduced Processes in Subphthalocyanine Electron Donorâ€“Acceptor Conjugates Linked by a Single Bâ€“N Bond. Organic Letters, 2012, 14, 5656-5659.	2.4	23
309	Supramolecular Assembly of Multicomponent Photoactive Systems via Cooperatively Coupled Equilibria. Journal of the American Chemical Society, 2013, 135, 19311-19318.	6.6	23
310	Benzoporphyrins: Selective Coâ€sensitization in Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2016, 22, 7851-7855.	1.7	23
311	Singlet Fission in Combinatorial Diketopyrrolopyrroleâ€“Rylene Supramolecular Films. Journal of Physical Chemistry C, 2019, 123, 1587-1595.	1.5	23
312	pâ€Doped Multiwall Carbon Nanotube/Perylene Diimide Derivative Photoelectrochemical Cells for Photocurrent Generation. Advanced Energy Materials, 2012, 2, 536-540.	10.2	22
313	Implementation of Singleâ€Walled Carbon Nanohorns into Solar Cell Schemes. Advanced Energy Materials, 2017, 7, 1601883.	10.2	22
314	Nickel oxide nanostructured electrodes towards perylenediimide-based dye-sensitized solar cells. RSC Advances, 2012, 2, 11495.	1.7	21
315	Precise Control of Intramolecular Chargeâ€Transport: The Interplay of Distance and Conformational Effects. Chemistry - A European Journal, 2013, 19, 7575-7586.	1.7	21
316	Onâ€“off switch of charge-separated states of pyridine-vinylene-linked porphyrinâ€“C₆₀ conjugates detected by EPR. Chemical Science, 2015, 6, 5994-6007.	3.7	21
317	Hydrogen bonding mediated orthogonal and reversible self-assembly of porphyrin sensitizers onto TiO₂ nanoparticles. Chemical Communications, 2016, 52, 8842-8845.	2.2	21
318	Porphyrin Donor and Tunable Pushâ€“Pull Acceptor Conjugatesâ€”Experimental Investigation of Marcus Theory. Chemistry - A European Journal, 2017, 23, 6357-6369.	1.7	21
319	Improving charge injection and charge transport in CuO-based p-type DSSCs â€“ a quick and simple precipitation method for small CuO nanoparticles. Journal of Materials Chemistry C, 2018, 6, 5176-5180.	2.7	21
320	Tuning Intramolecular FÃ¶rster Resonance Energy Transfer and Activating Intramolecular Singlet Fission. Angewandte Chemie - International Edition, 2018, 57, 16291-16295.	7.2	21
321	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
322	Electron Donorâ€“Acceptor Interactions in Regioselectively Synthesized exTTF₂â€“C₇₀(CF₃)₁₀ Dyads. Chemistry - A European Journal, 2010, 16, 5343-5353.	1.7	20
323	Excited state properties of anodic TiO₂ nanotubes. Applied Physics Letters, 2013, 102, 233109.	1.5	20
324	N-Heterotriangulene chromophores with 4-pyridyl anchors for dye-sensitized solar cells. RSC Advances, 2016, 6, 67372-67377.	1.7	20

#	Article	IF	Citations
325	Complexation and Electronic Communication between Corannulene-Based Buckybowls and a Curved Truxene-TTF Donor. Chemistry - A European Journal, 2017, 23, 3666-3673.	1.7	20
326	Designing Squaraines to Control Charge Injection and Recombination Processes in NiOâ€based Dyeâ€Sensitized Solar Cells. ChemSusChem, 2017, 10, 2385-2393.	3.6	20
327	Light harvesting enhancement upon incorporating alloy structured CdSe_XTe_{1â^'X} quantum dots in DPP:PC₆₁BM bulk heterojunction solar cells. Journal of Materials Chemistry C, 2017, 5, 654-662.	2.7	20
328	Intermolecular Singlet Fission in Unsymmetrical Derivatives of Pentacene in Solution. Advanced Energy Materials, 2019, 9, 1802221.	10.2	20
329	Assessing the Photoinduced Electron-Donating Behavior of Carbon Nanodots in Nanoconjugates. Journal of the American Chemical Society, 2020, 142, 20324-20328.	6.6	20
330	En route towards panchromatic light harvesting: photophysical and electrochemical properties of Bodipyâ€“porphyrazine conjugates. Chemical Science, 2014, 5, 2580.	3.7	19
331	Layerâ€byâ€Layer Assemblies of Catecholâ€Functionalized TiO₂ Nanoparticles and Porphyrins through Electrostatic Interactions. Chemistry - A European Journal, 2015, 21, 5041-5054.	1.7	19
332	Noncovalent Functionalization of Thiopyridyl Porphyrins with Ruthenium Phthalocyanines. ChemPlusChem, 2015, 80, 832-838.	1.3	19
333	Binary Indiumâ€“Zinc Oxide Photoanodes for Efficient Dyeâ€Sensitized Solar Cells. Advanced Energy Materials, 2016, 6, 1501075.	10.2	19
334	Determining the Attenuation Factor in Molecular Wires Featuring Covalent and Noncovalent Tectons. Angewandte Chemie - International Edition, 2016, 55, 15076-15080.	7.2	19
335	Iodine-Pseudohalogen Ionic Liquid-Based Electrolytes for Quasi-Solid-State Dye-Sensitized Solar Cells. ACS Applied Materials & Interfaces, 2017, 9, 33437-33445.	4.0	19
336	Charge-Gating Dibenzothiophene-S,S-dioxide Bridges in Electron Donorâ€“Bridgeâ€“Acceptor Conjugates. Journal of Physical Chemistry C, 2017, 121, 13557-13569.	1.5	19
337	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
338	Light triggers molecular shuttling in rotaxanes: control over proximity and charge recombination. Chemical Science, 2019, 10, 3846-3853.	3.7	19
339	Well-separated water-soluble carbon dots via gradient chromatography. Nanoscale, 2021, 13, 13116-13128.	2.8	19
340	Assembling a Phthalocyanine and Perylenediimide Donorâ€“Acceptor Hybrid through a Platinum(II) Diacetylide Linker. Chemistry - A European Journal, 2013, 19, 14506-14514.	1.7	18
341	Low-Dimensional Carbon Allotropes: Ground- and Excited-State Charge Transfer with NIR-Absorbing Heptamethine Cyanine. CheM, 2017, 3, 164-173.	5.8	18
342	Fine-tuning the assemblies of carbon nanodots and porphyrins. Chemical Communications, 2018, 54, 11642-11644.	2.2	18

#	Article	IF	Citations
343	Azulenocyanines immobilized on graphene; on the way to panchromatic absorption and efficient DSSC blocking layers. Nanoscale, 2019, 11, 10709-10715.	2.8	18
344	Charge transfer in graphene quantum dots coupled with tetrathiafulvalenes. Chemical Communications, 2019, 55, 3223-3226.	2.2	18
345	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
346	Pulse radiolytically induced redox and alkylation processes of C70. Journal of the Chemical Society, Faraday Transactions, 1994, 90, 1391-1396.	1.7	17
347	Transduction of excited state energy between covalently linked porphyrins and phthalocyanines. Photochemical and Photobiological Sciences, 2010, 9, 1027-1032.	1.6	17
348	Wet Chemistry of Graphene. Electrochemical Society Interface, 2011, 20, 53-56.	0.3	17
349	A New Approach for the Photosynthetic Antennaâ€“Reaction Center Complex with a Model Organized Around an sâ€Triazine Linker. Chemistry - A European Journal, 2014, 20, 2049-2057.	1.7	17
350	Surface Functionalization and Electronic Interactions of ZnO Nanorods with a Porphyrin Derivative. ACS Applied Materials & Interfaces, 2014, 6, 6724-6730.	4.0	17
351	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
352	Electron transfer in electron donor-acceptor ensembles containing porphyrins and metalloporphyrins. Journal of Porphyrins and Phthalocyanines, 2002, 06, 289-295.	0.4	16
353	Dendronizing and Metalating transâ€2 C₆₀ Tetraaryl Porphyrinsâ€”A Versatile Approach Toward Waterâ€Soluble Donorâ€“Acceptor Conjugates. Chemistry - A European Journal, 2010, 16, 10797-10807.	1.7	16
354	Quaternized Pyridyloxy Phthalocyanines Render Aqueous Electronâ€Donor Carbon Nanotubes as Unprecedented Supramolecular Materials for Energy Conversion. Advanced Functional Materials, 2015, 25, 7418-7427.	7.8	16
355	Porphyrin Antennas on Carbon Nanodots: Excited State Energy and Electron Transduction. Angewandte Chemie, 2017, 129, 12265-12269.	1.6	16
356	Electronic Energy Transduction from {Ru(py)₄} Chromophores to Cr(III) Luminophores. Inorganic Chemistry, 2018, 57, 3042-3053.	1.9	16
357	Tuning electron transfer in supramolecular nano-architectures made of fullerenes and porphyrins. Nanoscale, 2019, 11, 10782-10790.	2.8	16
358	Assembling Mesoscaleâ€Structured Organic Interfaces in Perovskite Photovoltaics. Advanced Materials, 2019, 31, e1806516.	11.1	16
359	Photoactive preorganized subphthalocyanine-based molecular tweezers for selective complexation of fullerenes. Chemical Science, 2020, 11, 3448-3459.	3.7	16
360	Fluorinated Fullerenes:â€‰ Sources of Donorâ€“Acceptor Dyads with [18]Trannulene Acceptors for Energy- and Electron-Transfer Reactions. Journal of Physical Chemistry A, 2005, 109, 9723-9730.	1.1	15

#	Article	IF	Citations
361	Single-wall carbon nanotube porphyrin nanoconjugates. Journal of Porphyrins and Phthalocyanines, 2007, 11, 442-447.	0.4	15
362	Tri- and hexaferrocenyl-substituted subphthalocyanines in the quest for the optimum electron donorâ€“acceptor distances. Chemical Communications, 2017, 53, 8525-8528.	2.2	15
363	Synthesis and Properties of Acridine and Acridinium Dye Functionalized Bis(terpyridine) Ruthenium(II) Complexes. European Journal of Organic Chemistry, 2018, 2018, 2682-2700.	1.2	15
364	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
365	Designing Cascades of Electron Transfer Processes in Multicomponent Graphene Conjugates. Angewandte Chemie - International Edition, 2020, 59, 23706-23715.	7.2	15
366	Singlet Fission in Carbeneâ€Derived Diradicaloids. Angewandte Chemie, 2020, 132, 7980-7988.	1.6	15
367	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
368	Controlling Solar Hydrogen Production by Organizing Porphyrins. ChemSusChem, 2021, 14, 961-970.	3.6	15
369	A Family of Superhelicenes: Easily Tunable, Chiral Nanographenes by Merging Helicity with Planar ï€ Systems. Angewandte Chemie, 2021, 133, 18221-18229.	1.6	15
370	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
371	Dendronized Fullereneâ€“Porphyrin Conjugates in ortho, meta, and para Positions: A Chargeâ€Transfer Assay. Chemistry - an Asian Journal, 2012, 7, 1451-1459.	1.7	14
372	Systematic Variation of Cyanobutaâ€1,3â€dienes and Expanded Tetracyanoquinodimethane Analogues as Electron Acceptors in Photoactive, Rigid Porphyrin Conjugates. European Journal of Organic Chemistry, 2015, 2015, 91-108.	1.2	14
373	Bulbous goldâ€“carbon nanodot hybrid nanoclusters for cancer therapy. Journal of Materials Chemistry B, 2017, 5, 8591-8599.	2.9	14
374	Light-harvesting porphyrazines to enable intramolecular singlet fission. Nanoscale, 2019, 11, 22286-22292.	2.8	14
375	Nanotubes see the light. Nature, 2007, 447, 50-51.	13.7	13
376	An Electrochemical and Photophysical Study of a Covalently Linked Inorganicâ€“Organic Dyad. ChemPhysChem, 2010, 11, 651-658.	1.0	13
377	Selfâ€Assembling Depsipeptide Dendrimers and Dendritic Fullerenes with New cisâ€and transâ€Symmetric Hamilton Receptor Functionalized Znâ€“Porphyrins: Synthesis, Photophysical Properties and Cooperativity Phenomena. European Journal of Organic Chemistry, 2010, 2010, 5010-5029.	1.2	13
378	Naphthalenebisimides as photofunctional surfactants for SWCNTs â€“ towards water-soluble electron donorâ€“acceptor hybrids. Chemical Science, 2015, 6, 6886-6895.	3.7	13

#	Article	IF	Citations
379	Modifying the Semiconductor/Electrolyte Interface in CuO p-Type Dye-Sensitized Solar Cells: Optimization of Iodide/Triiodide-Based Electrolytes. ACS Applied Energy Materials, 2018, 1, 6388-6400.	2.5	13
380	Improved charge carrier dynamics in polymer/perovskite nanocrystal based hybrid ternary solar cells. Physical Chemistry Chemical Physics, 2018, 20, 23674-23683.	1.3	13
381	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
382	A Hole Delocalization Strategy: Photoinduced Mixed-Valence MLCT States Featuring Extended Lifetimes. Inorganic Chemistry, 2019, 58, 10898-10904.	1.9	13
383	Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates. Angewandte Chemie, 2019, 131, 7006-7011.	1.6	13
384	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
385	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
386	Synthesis and C60 Binding of Aza[10]CPP and N-Methylaza[10]CPP. Organic Materials, 2022, 4, 7-17.	1.0	13
387	Fullerenes (C60) versus heteroazafullerenes (C59N); a photophysical comparison of their monoadducts and hexaadducts. Research on Chemical Intermediates, 2002, 28, 817-830.	1.3	12
388	Electron transfer through exTTF bridges in electron donorâ€“acceptor conjugates. Chemical Communications, 2009, , 5374.	2.2	12
389	Structural Properties of Ruthenium Biimidazole Complexes Determining the Stability of their Supramolecular Aggregates. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2010, 65, 281-290.	0.3	12
390	Assembling Phthalocyanine Dimers through a Platinum(II) Acetylide Linker. Chemistry - A European Journal, 2011, 17, 14139-14146.	1.7	12
391	Supramolecular One-Dimensional n/p-Nanofibers. Scientific Reports, 2015, 5, 14154.	1.6	12
392	Kohlenstoffâ€Nanopunkte: supramolekulare Elektronendonorâ€Akzeptorâ€Hybride mit Perylendiimiden. Angewandte Chemie, 2015, 127, 8410-8415.	1.6	12
393	Tuning the Carbon Nanotube Selectivity: Optimizing Reduction Potentials and Distortion Angles in Perylenediimides. Journal of the American Chemical Society, 2018, 140, 5427-5433.	6.6	12
394	Synergy of light harvesting and energy transfer as well as short-range charge shift reactions in multicomponent conjugates. Nanoscale, 2018, 10, 22400-22408.	2.8	12
395	Homoleptic and Heteroleptic Copper Complexes as Redox Couples in Dyeâ€Sensitized Solar Cells. ChemPhotoChem, 2019, 3, 636-644.	1.5	12
396	Multifunctional and Tunable Surfaces Based on Pyrene Functionalized Nanoparticles. Advanced Materials Interfaces, 2019, 6, 1801930.	1.9	12

#	Article	IF	Citations
397	Coexistence of MLCT Excited States of Different Symmetry upon Photoexcitation of a Single Molecular Species. Journal of Physical Chemistry C, 2019, 123, 3285-3291.	1.5	12
398	Resonance-Enhanced Charge Delocalization in Carbazoleâ€“Oligoyneâ€“Oxadiazole Conjugates. Journal of the American Chemical Society, 2020, 142, 18769-18781.	6.6	12
399	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
400	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
401	Reaction of water-soluble fullerenes with O2Ë™â¯and other reactive radical species. Journal of Materials Chemistry, 2010, 20, 83-89.	6.7	11
402	Intramolecular versus intermolecular electronic interactions between [5,6]-open and [6,6]-closed C60 adducts with exTTF. Chemical Science, 2013, 4, 3166.	3.7	11
403	Synthesis and Photoinduced Electronâ€Transfer Reactions in a La₂@I_hâ€C₈₀â€“Phenoxazine Conjugate. ChemPlusChem, 2017, 82, 1067-1072.	1.3	11
404	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
405	Kaliumâ€Polyheptazinimid: Ein Ã¼bergangsmetallfreier FestkÃ¶rperâ€Triplettâ€Sensibilisator in Kaskadenenergietransfer und [3+2]â€Cycloadditionen. Angewandte Chemie, 2020, 132, 15172-15180.	1.6	11
406	Preâ€Planarized Triphenylamineâ€Based Linear Mixedâ€Valence Chargeâ€Transfer Systems. Angewandte Chemie - International Edition, 2021, 60, 6771-6777.	7.2	11
407	On the photophysics of nanographenes â€“ investigation of functionalized hexa-peri-hexabenzocoronenes as model systems. Nanoscale, 2021, 13, 801-809.	2.8	11
408	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
409	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
410	Putting a Positive Spin on Molecular Bridges. Angewandte Chemie - International Edition, 2010, 49, 7844-7846.	7.2	10
411	A non-covalent strategy to prepare electron donorâ€“acceptor rotaxanes. Chemical Communications, 2013, 49, 9452.	2.2	10
412	A water-soluble, bay-functionalized perylenediimide derivative â€“ correlating aggregation and excited state dynamics. Nanoscale, 2018, 10, 2317-2326.	2.8	10
413	Mixed Organic Ligand Shells: Controlling the Nanoparticle Surface Morphology toward Tuning the Optoelectronic Properties. Small, 2020, 16, e1903729.	5.2	10
414	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

#	Article	IF	Citations
415	Areaâ€Selective Growth of HfS₂ Thin Films via Atomic Layer Deposition at Low Temperature. Advanced Materials Interfaces, 2020, 7, 2001493.	1.9	10
416	The Impact of Aggregation on the Photophysics of Spiroâ€Bridged Heterotriangulenes. Angewandte Chemie - International Edition, 2020, 59, 16233-16240.	7.2	10
417	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
418	Amphiphilic Zinc Porphyrin Singleâ€Walled Carbon Nanotube Hybrids: Efficient Formation and Excited State Charge Transfer Studies. Small, 2021, 17, 2005648.	5.2	10
419	Endohedrals. , 0, , 455-490.		10
420	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
421	Photoinduced Electron Transfer in a Zinc Phthalocyanineâ€“Fullerene Conjugate Connected by a Long Flexible Spacer. ChemPlusChem, 2016, 81, 941-946.	1.3	9
422	Tuning pentacene based dye-sensitized solar cells. Nanoscale, 2018, 10, 8515-8525.	2.8	9
423	Magnesium Tetra(phenylethynyl)porphyrin: Stepwise Synthetic Route, Crystal Structures, and Longer Singlet Excitedâ€State Lifetime than Zinc Congener. Chemistry - an Asian Journal, 2018, 13, 3032-3039.	1.7	9
424	Intermolecular packing and charge transfer in metallofullerene/porphyrin cocrystals. Chemical Communications, 2019, 55, 6018-6021.	2.2	9
425	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
426	The Impact of Aggregation of Quaterthiophenes on the Excited State Dynamics. Journal of Physical Chemistry Letters, 2021, 12, 3424-3430.	2.1	9
427	Screening Nanographeneâ€Mediated Inter(Porphyrin) Communication to Optimize Inter(Porphyrinâ€“Fullerene) Forces. Advanced Energy Materials, 2021, 11, 2100158.	10.2	9
428	Initiating Electron Transfer in Doubly Curved Nanographene Upon Supramolecular Complexation of C₆₀. Angewandte Chemie, 2022, 134, .	1.6	9
429	Modulating the dynamics of FÃ¶rster resonance energy transfer and singlet fission by variable molecular spacers. Nanoscale, 2020, 12, 23061-23068.	2.8	9
430	Octaethylcorrphycene and Its Metal Complexes. Radiolytic Reduction Studies. Journal of Physical Chemistry A, 1998, 102, 960-967.	1.1	8
431	Stable Electron Donorâ€“Acceptor Nanohybrids by Interfacing nâ€Type TCAQ with pâ€Type Singleâ€Walled Carbon Nanotubes. Angewandte Chemie, 2013, 125, 10406-10410.	1.6	8
432	Tuning the Electron Acceptor in Phthalocyanineâ€Based Electron Donorâ€“Acceptor Conjugates. Chemistry - A European Journal, 2015, 21, 19028-19040.	1.7	8

#	Article	IF	Citations
433	Strong electronic coupling and electron transfer in a Ce₂@I_h-C₈₀â€“H₂P electron donor acceptor conjugate. Nanoscale, 2016, 8, 13257-13262.	2.8	8
434	Dithiafulvenylâ€Extended Nâ€Heterotriangulenes and Their Interaction with C₆₀: Cooperative Fluorescence. Chemistry - A European Journal, 2017, 23, 12353-12362.	1.7	8
435	Choosing the right nanoparticle size â€“ designing novel ZnO electrode architectures for efficient dye-sensitized solar cells. Journal of Materials Chemistry A, 2017, 5, 7516-7522.	5.2	8
436	Trapping intermediate MLCT states in low-symmetry {Ru(bpy)} complexes. Chemical Science, 2017, 8, 7434-7442.	3.7	8
437	Synergy of Catecholâ€Functionalized Zinc Oxide Nanorods and Porphyrins in Layerâ€byâ€Layer Assemblies. Chemistry - A European Journal, 2018, 24, 7896-7905.	1.7	8
438	Porphyrins as Multifunctional Interconnects in Networks of ZnO Nanoparticles and their Application in Dyeâ€Sensitized Solar Cells. ChemPhotoChem, 2018, 2, 213-222.	1.5	8
439	Electronically Tuned Asymmetric mesoâ€Substituted Porphyrins for pâ€Type Solar Cells. ChemPlusChem, 2019, 84, 766-771.	1.3	8
440	Steuerung des GrenzflÃchenâ€Ladungstransfers und des Fillâ€Factors in CuOâ€basierten GrÃtzelâ€Tandemzellen. Angewandte Chemie, 2019, 131, 4097-4102.	1.6	8
441	Anticancer Effect of an Electronically Coupled Oligoferrocene. Organometallics, 2020, 39, 3112-3120.	1.1	8
442	Mechanische Verzahnung von einwandigen KohlenstoffnanorÃ¶hren durch dynamischâ€kovalente Bildung von konkaven Disulfidmakrozyklen. Angewandte Chemie, 2020, 132, 18933-18945.	1.6	8
443	Singlet Fission in Enantiomerically Pure Pentacene Dimers. ChemPhotoChem, 2020, 4, 5168-5174.	1.5	8
444	Altering singlet fission pathways in perylene-dimers; perylene-diimide versus perylene-monoimide. Nanoscale, 2022, 14, 5194-5203.	2.8	8
445	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
446	Intrinsic and Extrinsic Incorporation of Indium and Singleâ€Walled Carbon Nanotubes for Improved ZnOâ€Based DSSCs. Advanced Energy Materials, 2022, 12, .	10.2	8
447	Ground State versus Excited State: Discrepancy in Electronic Communication in a Series of mesoâ€“meso Twoâ€Atomâ€Bridged Diporphyrins. Chemistry - A European Journal, 2018, 24, 3058-3067.	1.7	7
448	Exploring Tetrathiafulvaleneâ€“Carbon Nanodot Conjugates in Charge Transfer Reactions. Angewandte Chemie, 2018, 130, 1013-1017.	1.6	7
449	Chromophore Multiplication To Enable Exciton Delocalization and Triplet Diffusion Following Singlet Fission in Tetrameric Pentacene. Angewandte Chemie, 2019, 131, 15407-15411.	1.6	7
450	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

#	Article	IF	Citations
451	Pingpongâ€Energietransfer in kovalent verknÃ¼pften Porphyrinâ€MoS 2 â€Architekturen. Angewandte Chemie, 2020, 132, 4004-4009.	1.6	7
452	Collecting up to 115% of Singlet-Fission Products by Single-Walled Carbon Nanotubes. ACS Nano, 2020, 14, 8875-8886.	7.3	7
453	Helically and Linearly Fused Rylenediimideâ€Hexabenzocoronenes. Chemistry - A European Journal, 2021, 27, 6511-6521.	1.7	7
454	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
455	Diastereoselective formation of homochiral flexible perylene bisimide cyclophanes and their hybrids with fullerenes. Chemical Science, 2021, 12, 15491-15502.	3.7	7
456	Parallel versus Twisted Pentacenes: Conformational Impact on Singlet Fission. Journal of Physical Chemistry Letters, 2022, 13, 5094-5100.	2.1	7
457	Geometric Influence on Intramolecular Photoinduced Electron Transfer in Platinum(II) Acetylideâ€Linked Donorâ€“Acceptor Assemblies. Chemistry - A European Journal, 2014, 20, 11111-11119.	1.7	6
458	Determining the Attenuation Factor in Molecular Wires Featuring Covalent and Noncovalent Tectons. Angewandte Chemie, 2016, 128, 15300-15304.	1.6	6
459	Singulettspaltung fÃ¼r Photovoltaikanwendungen mit Injektionseffizienzen von bis zu 130â€‰%. Angewandte Chemie, 2018, 130, 10902-10907.	1.6	6
460	Combining Zinc Phthalocyanines, Oligo(pâ€Phenylenevinylenes), and Fullerenes to Impact Reorganization Energies and Attenuation Factors. ChemPhysChem, 2019, 20, 2806-2815.	1.0	6
461	Singlet Fission in Pyreneâ€Fused Azaacene Dimers. Angewandte Chemie, 2020, 132, 1129-1133.	1.6	6
462	Der Einfluss von Aggregation auf die Photophysik von spiroverbrÃ¼ckten Heterotriangulenen. Angewandte Chemie, 2020, 132, 16368-16376.	1.6	6
463	The Cascade Reactions of Indigo with Propargyl Substrates for Heterocyclic and Photophysical Diversity. Chemistry - A European Journal, 2021, 27, 3708-3721.	1.7	6
464	Stabilisation of Emissive Charge-Separated States in Ï€-Stacked Donorâ€“acceptor Ensembles. Photosynthesis Research, 2006, 87, 57-61.	1.6	5
465	Let there be light â€” but not too much. Nature Nanotechnology, 2008, 3, 257-258.	15.6	5
466	Ground and Excited State Electronic Interactions in Pushâ€“Pull-Chromophoreâ€“[60]Fullerene Conjugates. Fullerenes Nanotubes and Carbon Nanostructures, 2014, 22, 99-127.	1.0	5
467	n- versus p-doping of graphite: what drives its wet-chemical exfoliation?. Nanoscale, 2017, 9, 11632-11639.	2.8	5
468	Exfoliation of Graphene by Dendritic Waterâ€Soluble Zinc Phthalocyanine Amphiphiles in Polar Media. Chemistry - A European Journal, 2018, 24, 18696-18704.	1.7	5

#	Article	IF	Citations
469	Control over Tuning Fullerene Microcrystals by Means of Engineering Charge-Transfer Interactions. ACS Applied Materials & Interfaces, 2019, 11, 16567-16570.	4.0	5
470	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
471	Amphiphilic anthanthrene trimers that exfoliate graphite and individualize single wall carbon nanotubes. Nanoscale, 2020, 12, 956-966.	2.8	5
472	How To Make Nitroaromatic Compounds Glow: Nextâ€Generation Large Xâ€Shaped, Centrosymmetric Diketopyrrolopyrroles. Angewandte Chemie, 2020, 132, 16238-16247.	1.6	5
473	Singlet Fission. ChemPhotoChem, 2021, 5, 392-392.	1.5	5
474	Elucidating the electronic properties of single-wall carbon nanohorns. Journal of Materials Chemistry C, 2022, 10, 5783-5786.	2.7	5
475	Threefold exTTF-based Buckycatcher. Journal of Coordination Chemistry, 2010, 63, 2939-2948.	0.8	4
476	Coordinating Electron Transport Chains to an Electron Donor. Organic Letters, 2015, 17, 5056-5059.	2.4	4
477	p-Doping of graphene in hybrid materials with 3,10-diazapicenium dications. Chemical Science, 2017, 8, 3494-3499.	3.7	4
478	Feinabstimmung von intramolekularem resonantem FÃ¶rsterâ€Energietransfer und Aktivierung intramolekularer Singulettspaltung. Angewandte Chemie, 2018, 130, 16528-16533.	1.6	4
479	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
480	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
481	Symmetryâ€Breaking Chargeâ€Transfer Chromophore Interactions Supported by Carbon Nanodots. Angewandte Chemie, 2020, 132, 12879-12884.	1.6	4
482	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
483	Efficient charge-transfer from diketopyrrolopyrroles to single-walled carbon nanotubes. Nanoscale, 2021, 13, 11544-11551.	2.8	4
484	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
485	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
486	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

#	Article	IF	Citations
487	Cholesteryl oleate-appended phthalocyanines as potential photosensitizers in the treatment of leishmaniasis. Journal of Porphyrins and Phthalocyanines, 2015, 19, 320-328.	0.4	3
488	Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie, 2019, 131, 14786-14794.	1.6	3
489	Hot electron injection into semiconducting polymers in polymer based-perovskite solar cells and their fate. Nanoscale, 2019, 11, 23357-23365.	2.8	3
490	Unkonventionelle Photokatalyse in leitfÃhigen Polymeren: Reversible Modulation der LeitfÃhigkeit von PEDOT:PSS durch langlebige Polyheptazinimidâ€Radikale. Angewandte Chemie, 2021, 133, 7512-7520.	1.6	3
491	Chromoselektive Synthese von Sulfonylchloriden und Sulfonamiden mit Kaliumâ€Poly(heptazinimid)â€Photokatalysator. Angewandte Chemie, 2021, 133, 20706-20713.	1.6	3
492	Cascades of Energy and Electron Transfer in a Panchromatic Absorber. Nanoscale, 0, , .	2.8	3
493	Battlement-shaped 1D coordination polymer based on a bis(N-methylimidazole-2-yl)butadiyne ligand. CrystEngComm, 2013, 15, 10157.	1.3	2
494	Catching metallic nitride endohedral fullerenes in organic and aqueous media. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1025-1033.	0.4	2
495	Frontispiece: Pentacene Dimers as a Critical Tool for the Investigation of Intramolecular Singlet Fission. Chemistry - A European Journal, 2018, 24, .	1.7	2
496	Investigating Electronic Communications in mesoâ€“meso Etheneâ€Bridged Unsymmetrical Diporphyrins. Chemistry - A European Journal, 2019, 25, 9602-9607.	1.7	2
497	Controlling the Charge Transfer Mechanism and Efficiency by Means of Different C 70 Regioisomeric Adducts. Small Structures, 2020, 1, 2000012.	6.9	2
498	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
499	Strong Electronic Communication in Linearly Elongated Rylenes Featuring Tunable Bridges. Chemistry - A European Journal, 2021, 27, 8325-8336.	1.7	2
500	Exploring the Association of Electronâ€Donating Corroles with Phthalocyanines as Electron Acceptors. Chemistry - A European Journal, 2022, , .	1.7	2
501	Photophysics. , 0, , 77-101.		1
502	Organosulfur-Based Fullerene Materials. Phosphorus, Sulfur and Silicon and the Related Elements, 2011, 186, 1308-1311.	0.8	1
503	Functionalized Fullerene Derivatives in Organic Molecular Electronics. World Scientific Series on Carbon Nanoscience, 2011, , 667-692.	0.1	1
504	Carbon Nanodots: Assigning Electronic States in Carbon Nanodots (Adv. Funct. Mater. 44/2016). Advanced Functional Materials, 2016, 26, 8147-8147.	7.8	1

#	Article	IF	Citations
505	The Chemistry of Energy Conversion and Storage. Chemistry - an Asian Journal, 2016, 11, 1119-1119.	1.7	1
506	Use of alkylated, amphiphilic zinc porphyrins to disperse individualized SWCNTs. Journal of Porphyrins and Phthalocyanines, 2018, 22, 573-580.	0.4	1
507	InnenrÃ¼cktitelbild: Allâ€Fullerene Electron Donorâ€“Acceptor Conjugates (Angew. Chem. 21/2019). Angewandte Chemie, 2019, 131, 7217-7217.	1.6	1
508	Celebrating 10 years of Nanoscale. Nanoscale, 2019, 11, 18922-18922.	2.8	1
509	Designing Cascades of Electron Transfer Processes in Multicomponent Graphene Conjugates. Angewandte Chemie, 2020, 132, 23914-23923.	1.6	1
510	Vorplanarisierte Triphenylaminâ€basierte lineare gemischtvalente Ladungstransfersysteme. Angewandte Chemie, 2021, 133, 6845-6851.	1.6	1
511	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
512	Merging Carbon Nanostructures with Porphyrins. , 2021, , 1-46.		1
513	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
514	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
515	Nanohybrids Based on Porphyrins, Phthalocyanines and Subphthalocyanines in Combination with Graphene and Related Materials: New Developments. , 2016, , 1-67.		0
516	Frontispiece: Regio-, Stereo-, and Atropselective Synthesis of C60 Fullerene Bisadducts by Supramolecular-Directed Functionalization. Angewandte Chemie - International Edition, 2016, 55, .	7.2	0
517	Frontispiz: Regio-, Stereo-, and Atropselective Synthesis of C60 Fullerene Bisadducts by Supramolecular-Directed Functionalization. Angewandte Chemie, 2016, 128, .	1.6	0
518	Frontispiz: Quadrupolar Cyclopenta[hi]aceanthryleneâ€Based Electron Donorâ€Acceptorâ€Donor Conjugates: Charge Transfer versus Charge Separation. Angewandte Chemie, 2019, 131, .	1.6	0
519	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
520	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
521	Titelbild: Singlet Fission in Carbeneâ€Derived Diradicaloids (Angew. Chem. 20/2020). Angewandte Chemie, 2020, 132, 7697-7697.	1.6	0
522	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

#	Article	IF	Citations
523	Unraveling the Charge Carrier Dynamics from the Femtosecond to the Microsecond Timescale in Double-cable Polymer-based Single-component Organic Solar Cells. , 0, , .		0