

# Frank WÃ¼rthner

## List of Publications by Year in descending order

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625  
papers

53,978  
citations

764

119  
h-index

2323

199  
g-index

677  
all docs

677  
docs citations

677  
times ranked

27235  
citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent Effects in Supramolecular Chemistry: Linear Free Energy Relationships for Common Intermolecular Interactions. <i>Journal of Organic Chemistry</i> , 2022, 87, 1602-1615.	1.7	42
2	Substituent-dependent absorption and fluorescence properties of perylene bisimide radical anions and dianions. <i>Materials Horizons</i> , 2022, 9, 350-359.	6.4	38
3	Axially chiral bay-tetraarylated perylene bisimide dyes as non-fullerene acceptors in organic solar cells. <i>Journal of Materials Chemistry C</i> , 2022, 10, 2581-2591.	2.7	19
4	Slipâ€Stacked Jâ€Aggregate Materials for Organic Solar Cells and Photodetectors. <i>Advanced Materials</i> , 2022, 34, e2104678.	11.1	77
5	Macrocyclic Donorâ€Acceptor Dyads Composed of a Perylene Bisimide Dye Surrounded by Oligothiophene Bridges. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	19
6	Foldingâ€Induced Fluorescence Enhancement in a Series of Merocyanine Heteroâ€Foldaâ€Trimers. <i>Angewandte Chemie</i> , 2022, 134, e202114667.	1.6	3
7	12b,24bâ€Diborahexabenzoc<i>a</i><i>c</i><i>fg</i><i>l</i><i>n</i><i>qr</i>]pentacene: A Lowâ€LUMO Boronâ€Doped Polycyclic Aromatic Hydrocarbon. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202115746.	7.2	26
8	Tuning Exciton Coupling of Merocyanine Nucleoside Dimers by RNA, DNA and GNA Double Helix Conformations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	18
9	Tuning Exciton Coupling of Merocyanine Nucleoside Dimers by RNA, DNA and GNA Double Helix Conformations. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
10	Phenolâ€Functionalized Perylene Bisimides as Amineâ€Free Electron Transporting Interlayers for Stable Nonfullerene Organic Solar Cells. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	21
11	12b,24bâ€Diborahexabenzoc<i>a</i><i>c</i><i>fg</i><i>l</i><i>n</i><i>qr</i>]pentacene: A Lowâ€LUMO Boronâ€Doped Polycyclic Aromatic Hydrocarbon. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	8
12	Pure Boric Acid Does Not Show Roomâ€Temperature Phosphorescence (RTP). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	5
13	Enantioselective Recognition of Helicenes by a Tailored Chiral Benzo[ghi]perylene Trisimide Î€â€Scaffold. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	6
14	Enantioselective Recognition of Helicenes by a Tailored Chiral Benzo[ghi]perylene Trisimide Î€â€Scaffold. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	14
15	Pure Boric Acid Does Not Show Roomâ€Temperature Phosphorescence (RTP). <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	22
16	Realâ€time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldaâ€dimer by Ultrafast Timeâ€Domain Raman Spectroscopy. <i>Angewandte Chemie</i> , 2022, 134, .	1.6	2
17	Multilayer stacks of polycyclic aromatic hydrocarbons. <i>Nature Chemistry</i> , 2022, 14, 457-462.	6.6	45
18	Realâ€time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldaâ€dimer by Ultrafast Timeâ€Domain Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	13

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19	Peptide Backbone Directed Self-Assembly of Merocyanine Oligomers into Duplex Structures. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	10
20	Macrocyclic Donor-Acceptor Dyads Composed of Oligothiophene Half-Cycles and Perylene Bisimides. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	7
21	Innentitelbild: Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-Resolved Domain Raman Spectroscopy ( <i>Angew. Chem.</i> 13/2022). <i>Angewandte Chemie</i> , 2022, 134, .	1.6	0
22	Supramolecular p/n-heterojunction of C <sub>60</sub> -functionalized bis(merocyanine) quadruple stack: A model system for charge carrier separation and recombination in organic solar cells. <i>Natural Sciences</i> , 2022, 2, .	1.0	0
23	Fluorescence Enhancement by Supramolecular Sequestration of a C <sub>54</sub> -Nanographene Trisimide by Hexabenzocoronene. <i>Journal of the American Chemical Society</i> , 2022, 144, 5718-5722.	6.6	12
24	Boron-Locked Starazine – A Soluble and Fluorescent Analogue of Starphene. <i>Chemistry - A European Journal</i> , 2022, , e202200770.	1.7	3
25	Aggregation-Induced Dual Phosphorescence from (o-Bromophenyl)bis(2,6-Dimethylphenyl)Borane at Room Temperature. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	7
26	PAHs Containing both Heptagon and Pentagon: Corannulene Extension by [5+2] Annulation. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	1.2	8
27	Intramolecular Energy and Solvent-Dependent Chirality Transfer within a BINOL-Perylene Heterocyclophane. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	21
28	Helically Twisted Nanoribbons Based on Emissive Near-Infrared Responsive Quaterylene Bisimides. <i>Journal of the American Chemical Society</i> , 2022, 144, 10507-10514.	6.6	23
29	Self-Assembly of a Zinc Bacteriochlorophyll- <i>d</i> Analog with a Lipophilic Tertiary Amide Group in the 17-Substituent. <i>Bulletin of the Chemical Society of Japan</i> , 2022, 95, 1083-1085.	2.0	2
30	Merocyanine Dyes with Extended Polymethine Chains by Simple Two-Step Condensation Sequence. <i>Synthesis</i> , 2021, 53, 318-325.	1.2	1
31	A Calix[4]arene-Based Cyclic Dinuclear Ruthenium Complex for Light-Driven Catalytic Water Oxidation. <i>Chemistry - A European Journal</i> , 2021, 27, 444-450.	1.7	19
32	Tuning phenoxy-substituted diketopyrrolopyrroles from quinoidal to biradical ground states through (hetero-)aromatic linkers. <i>Chemical Science</i> , 2021, 12, 793-802.	3.7	20
33	Supramolecularly Engineered J-Aggregates Based on Perylene Bisimide Dyes. <i>Accounts of Chemical Research</i> , 2021, 54, 642-653.	7.6	143
34	Effects of Photosensitizers and Reaction Media on Light-Driven Water Oxidation with Trinuclear Ruthenium Macrocycles. <i>ChemPhotoChem</i> , 2021, 5, 173-183.	1.5	10
35	Two-step anti-cooperative self-assembly process into defined $\pi$ -stacked dye oligomers: insights into aggregation-induced enhanced emission. <i>Chemical Science</i> , 2021, 12, 12302-12314.	3.7	22
36	Reversible fluorescence modulation through the photoisomerization of an azobenzene-bridged perylene bisimide cyclophane. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1424-1430.	2.3	10

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37	Nitronyl Nitroxide Bifunctionalized Electron-Poor Chromophores: Synthesis of Stable Dye Biradicals by Lewis Acid Promoted Desilylation. <i>Journal of Organic Chemistry</i> , 2021, 86, 2447-2457.	1.7	2
38	Perspectives in Dye Chemistry: A Rational Approach toward Functional Materials by Understanding the Aggregate State. <i>Journal of the American Chemical Society</i> , 2021, 143, 4500-4518.	6.6	149
39	Switching resonance character within merocyanine stacks and its impact on excited-state dynamics. <i>CheM</i> , 2021, 7, 715-725.	5.8	16
40	Unusual Zig-Zag Effect in the Electrochemical Oxidation of Phenyl End-Capped $\pm$ -Oligothiophenes. <i>Organic Materials</i> , 2021, 03, 119-127.	1.0	3
41	InnenrÄ¼cktitelbild: Polymorphism in Squaraine Dye Aggregates by Self-Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus $\hat{A}$ -Aggregate Nanosheets ( <i>Angew. Chem.</i> ) Tj ETQq1 1 @.84314ogBT /Over		
42	Polymorphism in Squaraine Dye Aggregates by Self-Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus $\hat{A}$ -Aggregate Nanosheets. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11949-11958.	7.2	58
43	Structure-Activity Relationship for Di- up to Tetranuclear Macrocyclic Ruthenium Catalysts in Homogeneous Water Oxidation. <i>Chemistry - A European Journal</i> , 2021, 27, 16938-16946.	1.7	11
44	An Efficient Narrowband Near-Infrared at 1040Ånm Organic Photodetector Realized by Intermolecular Charge Transfer Mediated Coupling Based on a Squaraine Dye. <i>Advanced Materials</i> , 2021, 33, e2100582.	11.1	88
45	Polymorphism in Squaraine Dye Aggregates by Self-Assembly Pathway Differentiation: Panchromatic Tubular Dye Nanorods versus $\hat{A}$ -Aggregate Nanosheets. <i>Angewandte Chemie</i> , 2021, 133, 12056-12065.	1.6	19
46	Coherent two-dimensional electronic spectroelectrochemistry. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 253, 119567.	2.0	3
47	Semitransparent Layers of Social Self-Sorting Merocyanine Dyes for Ultranarrow Bandwidth Organic Photodiodes. <i>Advanced Optical Materials</i> , 2021, 9, 2100213.	3.6	9
48	Charge-Delocalized State and Coherent Vibrational Dynamics in Rigid PBI H-Aggregates. <i>Journal of the American Chemical Society</i> , 2021, 143, 9825-9833.	6.6	29
49	Deracemization of Carbohelicenes by a Chiral Perylene Bisimide Cyclophane Template Catalyst. <i>Angewandte Chemie</i> , 2021, 133, 15451-15455.	1.6	9
50	Deracemization of Carbohelicenes by a Chiral Perylene Bisimide Cyclophane Template Catalyst. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 15323-15327.	7.2	27
51	Surface-Promoted Evolution of Ru-bda Coordination Oligomers Boosts the Efficiency of Water Oxidation Molecular Anodes. <i>Journal of the American Chemical Society</i> , 2021, 143, 11651-11661.	6.6	28
52	Double J-Coupling Strategy for Near Infrared Emitters. <i>Journal of the American Chemical Society</i> , 2021, 143, 11946-11950.	6.6	26
53	Chiral Perylene Bisimide Dyes by Interlocked Arene Substituents in the Bay Area. <i>Chemistry - A European Journal</i> , 2021, 27, 11997-12006.	1.7	25
54	Site-specific chemical doping reveals electron atmospheres at the surfaces of organic semiconductor crystals. <i>Nature Materials</i> , 2021, 20, 1532-1538.	13.3	21

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55	Understanding the structural and charge transport property relationships for a variety of merocyanine single-crystals: a bottom up computational investigation. <i>Journal of Materials Chemistry C</i> , 2021, 9, 10851-10864.	2.7	9
56	Folding and fluorescence enhancement with strong odd-even effect for a series of merocyanine dye oligomers. <i>Chemical Science</i> , 2021, 12, 8342-8352.	3.7	21
57	Controlling Topography and Crystallinity of Melt Electrowritten Poly( $\epsilon$ -Caprolactone) Fibers. <i>3D Printing and Additive Manufacturing</i> , 2021, 8, 315-321.	1.4	8
58	Folding-Induced Fluorescence Enhancement in a Series of Merocyanine Hetero-Folded Trimers. <i>Angewandte Chemie - International Edition</i> , 2021, 61, e202114667.	7.2	5
59	Palladium-Catalyzed [3+2] Annulation of Naphthalimide Acceptors and Thiophene Donors. <i>Journal of Organic Chemistry</i> , 2020, 85, 142-149.	1.7	8
60	Supramolecular polymerization through kinetic pathway control and living chain growth. <i>Nature Reviews Chemistry</i> , 2020, 4, 38-53.	13.8	351
61	Self-Assembly of Bowl-Shaped Naphthalimide-Annulated Corannulene. <i>ChemistryOpen</i> , 2020, 9, 32-39.	0.9	17
62	Anion-Coordination-Assisted Assembly of Supramolecular Charge-Transfer Complexes Based on Tris(urea) Ligands. <i>Chemistry - A European Journal</i> , 2020, 26, 1414-1421.	1.7	4
63	Unfolding multi-stranded perylene bisimide LC columns - a mesogen design for efficient nanoscale multilayer self-assembly. <i>Chemical Communications</i> , 2020, 56, 14015-14018.	2.2	4
64	Efficient Electrochemical Water Oxidation by a Trinuclear Ru(bda) Macrocycle Immobilized on Multi-Walled Carbon Nanotube Electrodes. <i>Advanced Energy Materials</i> , 2020, 10, 2002329.	10.2	20
65	NIR-emitting squaraine J-aggregate nanosheets. <i>Chemical Communications</i> , 2020, 56, 9878-9881.	2.2	26
66	Exciton Migration in Multistranded Perylene Bisimide J-Aggregates. <i>Journal of Physical Chemistry Letters</i> , 2020, 11, 6612-6617.	2.1	20
67	Increased Electron Transport and Hole Blocking in an Aqueous Solution Processed Dye-Doped ZnO Cathode Interlayer for High Performance Organic Solar Cells. <i>ACS Applied Energy Materials</i> , 2020, 3, 1694-1701.	2.5	24
68	Aggregation-Induced Emission (AIE): A Historical Perspective. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14192-14196.	7.2	383
69	Self-assembled Möbius strips with controlled helicity. <i>Nature Communications</i> , 2020, 11, 5910.	5.8	45
70	Aggregations-induzierte Emission (AIE): Eine historische Betrachtung. <i>Angewandte Chemie</i> , 2020, 132, 14296-14301.	1.6	50
71	Quinoidal dicyanomethylene-encapped cyclopentadithiophenes as vacuum-processable n-type semiconductors. <i>Journal of Materials Chemistry C</i> , 2020, 8, 15303-15311.	2.7	6
72	Hydrogen bond-rigidified planar squaraine dye and its electronic and organic semiconductor properties. <i>Chemical Communications</i> , 2020, 56, 9890-9893.	2.2	12

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73	Control of self-assembly pathways toward conglomerate and racemic supramolecular polymers. <i>Nature Communications</i> , 2020, 11, 5460.	5.8	41
74	Chiroptical Properties of Indolenine Squaraines with a Stereogenic Center at Close Proximity. <i>Journal of Organic Chemistry</i> , 2020, 85, 12227-12242.	1.7	5
75	Synthesis of polycyclic aromatic hydrocarbons by palladium-catalysed [3 + 3] annulation. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2925-2930.	2.3	10
76	Bowl-Shaped Naphthalimide-Annulated Corannulene as Nonfullerene Acceptor in Organic Solar Cells. <i>Organic Materials</i> , 2020, 02, 229-234.	1.0	7
77	Conformation and Aromaticity Switching in a Curved Non-Alternant sp <sup>2</sup> Carbon Scaffold. <i>Angewandte Chemie</i> , 2020, 132, 21689-21693.	1.6	23
78	Naphthalene diimide- <i>α</i> -amino acid conjugates as novel fluorimetric and CD probes for differentiation between ds-DNA and ds-RNA. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2032-2045.	1.3	2
79	Nanoscale Columnar Bundles Based on Multistranded Core-Shell Liquid Crystals of Perylene Bisimide J-Aggregate Donor-Acceptor Dyads for Photoconductivity Devices with Enhanced Performance Through Macroscopic Alignment. <i>ACS Applied Nano Materials</i> , 2020, 3, 10234-10245.	2.4	11
80	Conformation and Aromaticity Switching in a Curved Non-Alternant sp <sup>2</sup> Carbon Scaffold. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 21505-21509.	7.2	65
81	[ <i>n</i> ]Helicene Diimides ( <i>n</i> = 5, 6, and 7): Through-Bond versus Through-Space Conjugation. <i>Journal of the American Chemical Society</i> , 2020, 142, 21298-21303.	6.6	65
82	Trapped Exciton and Large Birefringence in Cl <sub>2</sub> -NDI Revealed by Optical Spectroscopy. <i>Journal of Physical Chemistry C</i> , 2020, 124, 17829-17835.	1.5	2
83	Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie</i> , 2020, 132, 13503-13507.	1.6	10
84	Base-Assisted Imidization: A Synthetic Method for the Introduction of Bulky Imide Substituents to Control Packing and Optical Properties of Naphthalene and Perylene Imides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13401-13405.	7.2	24
85	Modulation of the Self-Assembly of <i>π</i> -Amphiphiles in Water from Enthalpy- to Entropy-Driven by Enwrapping Substituents. <i>Chemistry - A European Journal</i> , 2020, 26, 8426-8434.	1.7	25
86	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie</i> , 2020, 132, 17285-17292.	1.6	22
87	Persistent Room Temperature Phosphorescence from Triarylboranes: A Combined Experimental and Theoretical Study. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17137-17144.	7.2	82
88	Innentitelbild: Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy (Angew.) Tj ETQq0106 rgBT /Overlock 1		
89	Self-Sorting Supramolecular Polymerization: Helical and Lamellar Aggregates of Tetra-Bay-Acyloxy Perylene Bisimide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 17084-17090.	7.2	50
90	Self-Sorting Supramolecular Polymerization: Helical and Lamellar Aggregates of Tetra-Bay-Acyloxy Perylene Bisimide. <i>Angewandte Chemie</i> , 2020, 132, 17232-17238.	1.6	18

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91	Consecutive Charging of a Perylene Bisimide Dye by Multistep Low-Energy Solar-Light-Induced Electron Transfer Towards H <sub>2</sub> Evolution. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 10363-10367.	7.2	42
92	Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8571-8578.	7.2	34
93	1-Mono- and 1,7-Disubstituted Perylene Bisimide Dyes with Voluminous Groups at Bay Positions: In Search for Highly Effective Solid-State Fluorescence Materials. <i>Chemistry of Materials</i> , 2020, 32, 6222-6236.	3.2	38
94	Crystal Engineering of 1D Exciton Systems Composed of Single- and Double-Stranded Perylene Bisimide J-Aggregates. <i>Advanced Optical Materials</i> , 2020, 8, 2000926.	3.6	12
95	Perylene Bisimide Cyclophanes: Structure-Property Relationships upon Variation of the Cavity Size. <i>Organic Materials</i> , 2020, 02, 149-158.	1.0	11
96	Efficient Electronic Coupling in Perylene Diimide Multilayered Films on Indium Tin Oxide. <i>Journal of Physical Chemistry C</i> , 2020, 124, 5541-5551.	1.5	7
97	On the photophysical properties of Ir(III), Pt(II), and Pd(II) (phenylpyrazole) (phenyldipyrrin) complexes. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 3217-3233.	1.3	17
98	Stepwise Folding and Self-Assembly of a Merocyanine Folda-Pentamer. <i>Journal of the American Chemical Society</i> , 2020, 142, 3321-3325.	6.6	26
99	Ein Periodensystem der supramolekularen Elemente. <i>Angewandte Chemie</i> , 2020, 132, 8846-8856.	1.6	11
100	Impact of substituents on molecular properties and catalytic activities of trinuclear Ru macrocycles in water oxidation. <i>Chemical Science</i> , 2020, 11, 7654-7664.	3.7	15
101	Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy. <i>Angewandte Chemie</i> , 2020, 132, 8649-8656.	1.6	8
102	Efficient Multiexciton State Generation in Charge-Transfer-Coupled Perylene Bisimide Dimers via Structural Control. <i>Journal of the American Chemical Society</i> , 2020, 142, 7845-7857.	6.6	99
103	Consecutive Charging of a Perylene Bisimide Dye by Multistep Low-Energy Solar-Light-Induced Electron Transfer Towards H <sub>2</sub> Evolution. <i>Angewandte Chemie</i> , 2020, 132, 10449-10453.	1.6	13
104	NIR-Absorbing $\pi$ -Extended Azulene: Non-Alternant Isomer of Terrylene Bisimide. <i>Angewandte Chemie</i> , 2020, 132, 16042-16046.	1.6	16
105	A Periodic System of Supramolecular Elements. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8766-8775.	7.2	54
106	NIR-Absorbing $\pi$ -Extended Azulene: Non-Alternant Isomer of Terrylene Bisimide. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15908-15912.	7.2	52
107	Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie</i> , 2019, 131, 13185-13189.	1.6	23
108	Synthesis of a Carbon Nanocone by Cascade Annulation. <i>Journal of the American Chemical Society</i> , 2019, 141, 13008-13012.	6.6	93



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109	Thermodynamic insights into the entropically driven self-assembly of amphiphilic dyes in water. <i>Chemical Science</i> , 2019, 10, 9358-9366.	3.7	63
110	Photoinduced Energy and Electron Transfer Processes in a <i>Side-to-Face</i> Ru <sup>II</sup> -Porphyrin/Perylenebisimide Array. <i>ChemPhysChem</i> , 2019, 20, 2195-2203.	1.0	8
111	Photoconductive Core-Shell Liquid Crystals of a Perylene Bisimide Aggregate Donor-Acceptor Dyad. <i>Angewandte Chemie</i> , 2019, 131, 13113-13117.	1.6	9
112	Supramolecular Block Copolymers by Seeded Living Polymerization of Perylene Bisimides. <i>Journal of the American Chemical Society</i> , 2019, 141, 12044-12054.	6.6	107
113	Protein-like Enwrapped Perylene Bisimide Chromophore as a Bright Microcrystalline Emitter Material. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13385-13389.	7.2	38
114	Essential States Model for Merocyanine Dye Stacks: Bridging Electronic and Optical Absorption Properties. <i>Journal of Physical Chemistry C</i> , 2019, 123, 18654-18664.	1.5	21
115	Tetrahydroxy-Perylene Bisimide Embedded in a Zinc Oxide Thin Film as an Electron-Transporting Layer for High-Performance Non-Fullerene Organic Solar Cells. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 13051-13055.	7.2	54
116	Resonance Raman study of the J-type aggregation process of a water soluble perylene bisimide. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 18300-18309.	1.3	2
117	Bis(merocyanine) Hetero-Folded Dimers: Evaluation of Exciton Coupling between Different Types of Stacked Chromophores. <i>Chemistry - A European Journal</i> , 2019, 25, 11294-11301.	1.7	11
118	Bis(merocyanine) Homo-Folded Dimers: Evaluation of Electronic and Spectral Changes in Well-Defined Dye Aggregate Geometries. <i>Chemistry - A European Journal</i> , 2019, 25, 11285-11293.	1.7	11
119	fs-ps Exciton dynamics in a stretched tetraphenylsquaraine polymer. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15346-15355.	1.3	10
120	Ealamines A-H, a Series of Naphthylisoquinolines with the Rare 7,8-Coupling Site, from the Congolese Liana <i>Ancistrocladus ealaensis</i> , Targeting Pancreatic Cancer Cells. <i>Journal of Natural Products</i> , 2019, 82, 3150-3164.	1.5	17
121	A Highly Warped Heptagon-Containing sp <sup>2</sup> Carbon Scaffold via Vinylaphthyl Extension. <i>Angewandte Chemie</i> , 2019, 131, 16656-16659.	1.6	21
122	A Highly Warped Heptagon-Containing sp <sup>2</sup> Carbon Scaffold via Vinylaphthyl Extension. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16504-16507.	7.2	48
123	Protein-like Enwrapped Perylene Bisimide Chromophore as a Bright Microcrystalline Emitter Material. <i>Angewandte Chemie</i> , 2019, 131, 13519-13523.	1.6	11
124	Enhanced Electron Transportation by Dye Doping in Very Low-Temperature (<math>130\text{ }^\circ\text{C}</math>)-Processed Sol-Gel ZnO toward Flexible Organic Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 34151-34157.	4.0	21
125	Switch of dimensionality of exciton diffusion in aggregates. <i>EPJ Web of Conferences</i> , 2019, 205, 06015.	0.1	0
126	Anisotropic microfibrils of a liquid-crystalline diketopyrrolopyrrole by self-assembly-assisted electrospinning. <i>Nanoscale Horizons</i> , 2019, 4, 169-174.	4.1	11



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127	Tunable Low-LUMO Boron-Doped Polycyclic Aromatic Hydrocarbons by General One-Pot C-H Borylations. <i>Journal of the American Chemical Society</i> , 2019, 141, 9096-9104.	6.6	103
128	Organic Electronics: Ultranarrow Bandwidth Organic Photodiodes by Exchange Narrowing in Merocyanine and Aggregate Excitonic Systems ( <i>Adv. Funct. Mater.</i> 21/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970144.	7.8	2
129	Photoconductive Core-Shell Liquid Crystals of a Perylene Bisimide Aggregate Donor-Acceptor Dyad. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12979-12983.	7.2	44
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