

Dongho Kim

List of Publications by Year in descending order

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475
docs citations

475
times ranked

16073
citing authors

#	ARTICLE	IF	CITATIONS
1	Stretchable Photodetectors Based on Electrospun Polymer/Perovskite Composite Nanofibers. ACS Applied Nano Materials, 2022, 5, 1308-1316.	2.4	26
2	Ligand-to-metal charge transfer driven by excited-state antiaromaticity in metallohexaphyrins. Bulletin of the Korean Chemical Society, 2022, 43, 508-513.	1.0	5
3	Porphyrinoids, a unique platform for exploring excited-state aromaticity. Chemical Society Reviews, 2022, 51, 268-292.	18.7	32
4	Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-domain Raman Spectroscopy. Angewandte Chemie, 2022, 134, .	1.6	2
5	Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-domain Raman Spectroscopy. Angewandte Chemie - International Edition, 2022, 61, .	7.2	13
6	Tuning the aromatic backbone twist in dipyrrolonaphthyridinediones. Chemical Communications, 2022, 58, 3697-3700.	2.2	3
7	Controlling the charge carrier dynamics by modulating the orientation diversity of perovskites. Materials Chemistry Frontiers, 2022, 6, 1026-1032.	3.2	3
8	Naphthalimide-Fused Dipyrrins: Tunable Halochromic Switches and Photothermal NIR Dyes. Advanced Science, 2022, , 2105886.	5.6	6
9	Effectual Interface and Defect Engineering for Auger Recombination Suppression in Bright InP/ZnSeS/ZnS Quantum Dots. ACS Applied Materials & Interfaces, 2022, 14, 12479-12487.	4.0	25
10	Innentitelbild: Real-time Observation of Structural Dynamics Triggering Excimer Formation in a Perylene Bisimide Foldamer by Ultrafast Time-domain Raman Spectroscopy (Angew. Chem. 13/2022). Angewandte Chemie, 2022, 134, .	1.6	0
11	Pyrene-Bridged Expanded Carbaporphyrin Nanobelts. Journal of the American Chemical Society, 2022, 144, 9212-9216.	6.6	15
12	Enhanced band-filling effect in halide perovskites via hydrophobic conductive linkers. Cell Reports Physical Science, 2022, 3, 100800.	2.8	3
13	Shape-Tuned Multiphoton-Emitting InP Nanotetrapods. Advanced Materials, 2022, 34, e2110665.	11.1	8
14	Tuning Hot Carrier Dynamics of InP/ZnSe/ZnS Quantum Dots by Shell Morphology Control. Small, 2022, 18, e2105492.	5.2	14
15	Modulations of a Metal-Ligand Interaction and Photophysical Behaviors by H ₂ M ₂ bius Aromatic Switching. Journal of the American Chemical Society, 2022, 144, 582-589.	6.6	10
16	5-Thiaporphyrinium cation: effect of sulphur incorporation on excited state dynamics. Chemical Communications, 2022, , .	2.2	3
17	Protonation-Induced Antiaromaticity in Octaaza[8]circulenes: Cyclooctatetraene Scaffolds Constrained with Four Amidine Moieties. Chemistry - an Asian Journal, 2022, 17, .	1.7	1
18	Acenaphthylene-fused ullazines: fluorescent π -extended monopyrroles with tunable electronic gaps. Organic Chemistry Frontiers, 2022, 9, 3179-3185.	2.3	8

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19	Shape-Tuned Multiphoton-Emitting InP Nanotetrapods (Adv. Mater. 19/2022). Advanced Materials, 2022, 34, .	11.1	0
20	Engineered Surface Halide Defects by Two-Dimensional Perovskite Passivation for Deformable Intelligent Photodetectors. ACS Applied Materials & Interfaces, 2022, 14, 26004-26013.	4.0	13
21	Dual Emission of a Free-Base 5-Oxaporphyrinium Cation from its <i>cis</i> - and <i>trans</i> -NH Tautomers. Angewandte Chemie - International Edition, 2021, 60, 2915-2919.	7.2	17
22	A Light-Harvesting/Charge-Separation Model with Energy Gradient Made of Assemblies of <i>meta</i> -Pyridyl Zinc Porphyrins. Chemistry - A European Journal, 2021, 27, 4053-4063.	1.7	1
23	Dual Emission of a Free-Base 5-Oxaporphyrinium Cation from its <i>cis</i> - and <i>trans</i> -NH Tautomers. Angewandte Chemie, 2021, 133, 2951-2955.	1.6	4
24	Impact of Cyclic Strain on the Structural Relaxation Dynamics of Macrocyclic Thiophenes. Journal of Physical Chemistry C, 2021, 125, 1947-1953.	1.5	2
25	Theoretical Engineering of Singlet Fission Kinetics in Perylene Bisimide Dimer with Chromophore Rotation. Journal of Physical Chemistry A, 2021, 125, 875-884.	1.1	6
26	Negative Trion Auger Recombination in Highly Luminescent InP/ZnSe/ZnS Quantum Dots. Nano Letters, 2021, 21, 2111-2116.	4.5	33
27	An Electron-Accepting aza-BODIPY-Based Donor-Acceptor-Donor Architecture for Bright NIR Emission. Chemistry - A European Journal, 2021, 27, 5259-5267.	1.7	33
28	Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices. Advanced Materials, 2021, 33, e2003832.	11.1	21
29	Strong Electronic Coupling-Induced Ultrafast Charge Transfer in Donor-Pyrene-Acceptor Systems. Journal of Physical Chemistry Letters, 2021, 12, 2226-2231.	2.1	7
30	Magnetic-Field-Induced Modulation of Charge-Recombination Dynamics in a Rosarin-Fullerene Complex. Angewandte Chemie - International Edition, 2021, 60, 9379-9383.	7.2	6
31	Organic Light-Emitting Diodes: Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices (Adv. Mater. 12/2021). Advanced Materials, 2021, 33, 2170090.	11.1	1
32	Switching resonance character within merocyanine stacks and its impact on excited-state dynamics. Chem, 2021, 7, 715-725.	5.8	16
33	Magnetic-Field-Induced Modulation of Charge-Recombination Dynamics in a Rosarin-Fullerene Complex. Angewandte Chemie, 2021, 133, 9465-9469.	1.6	3
34	Femtosecond Transient Absorption Studies of Polymer Aggregation on Photovoltaic Performance: Role of an Integrated Aggregation Promotor in the Polymer Chain. Journal of Physical Chemistry C, 2021, 125, 7568-7580.	1.5	3
35	Nanocrystalline Polymorphic Energy Funnel for Efficient and Stable Perovskite Light-Emitting Diodes. ACS Energy Letters, 2021, 6, 1821-1830.	8.8	23
36	Mode-Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. Angewandte Chemie, 2021, 133, 17136-17145.	1.6	0

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37	Mode-specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16999-17008.	7.2	3
38	<i>meso</i> -Oxoisocorroles: Tunable Antiaromaticity by Metalation and Coordination of Lewis Acids as Well as Aromaticity Reversal in the Triplet Excited State. <i>Journal of the American Chemical Society</i> , 2021, 143, 7958-7967.	6.6	21
39	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
40	Frontispiz: Mode-specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie</i> , 2021, 133, .	1.6	0
41	Frontispiece: Mode-specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	7.2	0
42	Influence of Intramolecular Charge-Transfer Characteristics of Excitons on Polaron Generation at the Donor/Acceptor Interface in Polymer Solar Cells. <i>Journal of Physical Chemistry C</i> , 2021, 125, 18352-18361.	1.5	11
43	Antiaromatic 1,5-Diazaindacenes. <i>Angewandte Chemie</i> , 2021, 133, 20933-20938.	1.6	7
44	Antiaromatic 1,5-Diazaindacenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20765-20770.	7.2	16
45	Retina-Inspired Structurally Tunable Synaptic Perovskite Nanocones. <i>Advanced Functional Materials</i> , 2021, 31, 2105596.	7.8	42
46	Unnatural Hygroscopic Property of Nicotinic Acid by Restructuring Molecular Density: Self-Healing Halide Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 8932-8938.	2.1	2
47	Tetrabromo[36]octaphyrin: A Promising Precursor of Directly Fused Porphyrin(2.1.1.1) Dimer and <i>meso</i> -Fused Confused Porphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 26540-26544.	7.2	11
48	2,6-/1,5-Naphthoquinodimethane bridged porphyrin dimer diradicaloids. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 220-229.	0.4	10
49	Perovskite Light-Emitting Diodes: Surface 2D/Bulk 3D Heterophased Perovskite Nanograins for Long-Term Stable Light-Emitting Diodes (<i>Adv. Mater.</i> 1/2020). <i>Advanced Materials</i> , 2020, 32, 2070007.	11.1	3
50	A relationship between the surface composition and spectroscopic properties of cesium lead bromide (CsPbBr ₃) perovskite nanocrystals: focusing on photoluminescence efficiency. <i>Nanoscale</i> , 2020, 12, 1563-1570.	2.8	11
51	Two-Step Charge Separation Passing Through the Partial Charge-Transfer State in a Molecular Dyad. <i>Journal of the American Chemical Society</i> , 2020, 142, 1564-1573.	6.6	41
52	Surface 2D/Bulk 3D Heterophased Perovskite Nanograins for Long-Term Stable Light-Emitting Diodes. <i>Advanced Materials</i> , 2020, 32, e1905674.	11.1	59
53	Polarization-Dependent Photoluminescence of a Highly (100)-Oriented Perovskite Film. <i>ChemPhysChem</i> , 2020, 21, 204-211.	1.0	5
54	Site-Selective N-Methylation of 5,15-Diazaporphyrins: Reactive Cationic Porphyrinoids that Provide Isoporphyrin Analogues. <i>Chemistry - A European Journal</i> , 2020, 26, 2754-2760.	1.7	6

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55	Porphyrinâ€Ryleneimide Hybrids: Lowâ€Bandgap Acceptors in Energyâ€Transfer Cassettes. Chemistry - an Asian Journal, 2020, 15, 2854-2858.	1.7	6
56	Ultrafast Exciton Selfâ€Trapping and Delocalization in Cycloparaphenylenes: The Role of Excitedâ€State Symmetry in Electronâ€Vibrational Coupling. Angewandte Chemie, 2020, 132, 17137-17144.	1.6	4
57	The relationship between photophysical properties and aromaticity/antiaromaticity of various expanded porphyrins â€” a Hans Fischer Career Award paper. Journal of Porphyrins and Phthalocyanines, 2020, 24, 1278-1299.	0.4	5
58	Spectroscopic Studies on Intramolecular Charge-Transfer Characteristics in Small-Molecule Organic Solar Cell Donors: A Case Study on ADA and DAD Triad Donors. Journal of Physical Chemistry C, 2020, 124, 18502-18512.	1.5	24
59	Electrochemical Charging Effect on the Optical Properties of InP/ZnSe/ZnS Quantum Dots. Small, 2020, 16, e2003542.	5.2	27
60	Porphyrinâ€Ryleneimide Hybrids: Tuning of Visible and Near-Infrared Absorption by Chromophore Desymmetrization. Organic Letters, 2020, 22, 7202-7207.	2.4	16
61	Tetrameric and Hexameric Porphyrin Nanorings: Template Synthesis and Photophysical Properties. Journal of the American Chemical Society, 2020, 142, 15661-15666.	6.6	37
62	InnenrÃ¼cktitelbild: Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solidâ€State Miniatures (Angew. Chem. 47/2020). Angewandte Chemie, 2020, 132, 21431-21431.	1.6	0
63	A boronic acid-functionalized phthalocyanine with an aggregation-enhanced photodynamic effect for combating antibiotic-resistant bacteria. Chemical Science, 2020, 11, 5735-5739.	3.7	75
64	Nearâ€Infraredâ€IIIâ€Absorbing and â€Emitting Dyes: Energyâ€Gap Engineering of Expanded Porphyrinoids via Metallation. Angewandte Chemie - International Edition, 2020, 59, 16161-16166.	7.2	20
65	Nearâ€Infraredâ€IIIâ€Absorbing and â€Emitting Dyes: Energyâ€Gap Engineering of Expanded Porphyrinoids via Metallation. Angewandte Chemie, 2020, 132, 16295-16300.	1.6	5
66	Innentitelbild: Tracking Structural Evolution during Symmetryâ€Breaking Charge Separation in Quadrupolar Perylene Bisimide with Timeâ€Resolved Impulsive Stimulated Raman Spectroscopy (Angew.) Tj ETQq01060 rgBT /Overlock 1		
67	Noncovalent Intermolecular Interaction in Cofacially Stacked 24â€Antiaromatic Hexaphyrin Dimer. Chemistry - A European Journal, 2020, 26, 16434-16440.	1.7	8
68	Ultrafast Exciton Selfâ€Trapping and Delocalization in Cycloparaphenylenes: The Role of Excitedâ€State Symmetry in Electronâ€Vibrational Coupling. Angewandte Chemie - International Edition, 2020, 59, 16989-16996.	7.2	7
69	Evolution from unimolecular to colloidal-quantum-dot-like character in chlorine or zinc incorporated InP magic size clusters. Nature Communications, 2020, 11, 3127.	5.8	34
70	Synthesis of a Black Dye with Absorption Capabilities Across the Visible-to-Near-Infrared Region: A MO-Mixing Approach via Heterometal Coordination of Expanded Porphyrinoid. Journal of the American Chemical Society, 2020, 142, 6807-6813.	6.6	40
71	Tracking Structural Evolution during Symmetryâ€Breaking Charge Separation in Quadrupolar Perylene Bisimide with Timeâ€Resolved Impulsive Stimulated Raman Spectroscopy. Angewandte Chemie - International Edition, 2020, 59, 8571-8578.	7.2	34
72	Charge Recombination in Polaron Pairs: A Key Factor for Operational Stability of Blueâ€Phosphorescent Lightâ€Emitting Devices. Advanced Theory and Simulations, 2020, 3, 2000028.	1.3	6

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73	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie</i> , 2020, 132, 21142-21150.	1.6	2
74	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20956-20964.	7.2	30
75	Bis-Metal Complexes of Doubly N-Confused Dioxohexaphyrins as Potential Near-Infrared-II Photoacoustic Dyes. <i>Journal of the American Chemical Society</i> , 2020, 142, 4429-4437.	6.6	46
76	Excited-State Aromaticity of Gold(III) Hexaphyrins and Metalation Effect Investigated by Time-Resolved Electronic and Vibrational Spectroscopy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 5129-5134.	7.2	12
77	3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. <i>Nature Chemistry</i> , 2020, 12, 242-248.	6.6	101
78	Excited-State Aromaticity of Gold(III) Hexaphyrins and Metalation Effect Investigated by Time-Resolved Electronic and Vibrational Spectroscopy. <i>Angewandte Chemie</i> , 2020, 132, 5167-5172.	1.6	0
79	Structurally Isomerized Bis-Biphenyl Moieties Embedded in Hexaphyrin(3.1.1.3.1.1) and Octaphyrin(1.1.1.0.1.1.1.0). <i>Organic Letters</i> , 2020, 22, 1081-1085.	2.4	8
80	Rational Synthesis of 5,10-Diazaporphyrins via Nucleophilic Substitution Reactions of β,β -Dibromotripyrrin and Dihydrogenation to Give 5,10-Diazachlorins. <i>Journal of Organic Chemistry</i> , 2020, 85, 3849-3857.	1.7	13
81	Structurally Stable and Highly Enhanced Luminescent Perovskite Based on Quasi-Two-Dimensional Structures upon Addition of Guanidinium Cations. <i>Journal of Physical Chemistry C</i> , 2020, 124, 4414-4420.	1.5	12
82	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
83	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
84	Excitonically Coupled Cyclic BF_2 Arrays of Calix[8]- and Calix[16]phyrin as Near-IR Chromophores. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 13063-13070.	7.2	29
85	Excitonically Coupled Cyclic BF_2 Arrays of Calix[8]- and Calix[16]phyrin as Near-IR Chromophores. <i>Angewandte Chemie</i> , 2020, 132, 13163-13170.	1.6	7
86	Tracking Structural Dynamics during Charge Separation Processes with Time-Resolved Impulsive Stimulated Raman Spectroscopy. , 2020, , .		0
87	Three-dimensional aromaticity in an antiaromatic cyclophane. <i>Nature Communications</i> , 2019, 10, 3576.	5.8	73
88	5,20-Diheterohexaphyrins: metal-template-free synthesis and aromaticity switching. <i>Chemical Communications</i> , 2019, 55, 10547-10550.	2.2	22
89	Bis(4,4'-biphenyl) Ring Embedded Octaphyrin with Three Distinct Conformational Structures. <i>Chemistry - A European Journal</i> , 2019, 25, 12911-12915.	1.7	14
90	Conformational Heterogeneity in Large Macrocyclic Thiophenes. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 4136-4141.	2.1	4

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91	Quasi Two-Dimensional Perovskites: Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals (<i>Adv. Funct. Mater.</i> 27/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970187.	7.8	6
92	Perovskite Nanopatterning: Highly Photoluminescent and Environmentally Stable Perovskite Nanocrystals Templated in Thin Self-Assembled Block Copolymer Films (<i>Adv. Funct. Mater.</i> 26/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970181.	7.8	1
93	Band Alignment Engineering between Planar SnO ₂ and Halide Perovskites via Two-Step Annealing. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 6545-6550.	2.1	28
94	Two-electron transfer stabilized by excited-state aromatization. <i>Nature Communications</i> , 2019, 10, 4983.	5.8	21
95	Carbazole-containing porphyrinoid and its oligomers. <i>Chemical Communications</i> , 2019, 55, 11454-11457.	2.2	14
96	Changes in macrocyclic aromaticity and formation of a charge-separated state by complexation of expanded porphyrin and C60. <i>Chemical Communications</i> , 2019, 55, 8301-8304.	2.2	15
97	Elucidation of Photoluminescence Blinking Mechanism and Multiexciton Dynamics in Hybrid Organic-Inorganic Perovskite Quantum Dots. <i>Small</i> , 2019, 15, e1900355.	5.2	37
98	Acetylene and <i>trans</i> -Ethylene Bridged B ^{III} -Subporphyrin Dimers. <i>Chemistry - an Asian Journal</i> , 2019, 14, 2230-2234.	1.7	2
99	Solvent-Modulated Charge-Transfer Resonance Enhancement in the Excimer State of a Bay-Substituted Perylene Bisimide Cyclophane. <i>Journal of Physical Chemistry Letters</i> , 2019, 10, 1919-1927.	2.1	51
100	Regioselectively Halogenated Expanded Porphyrinoids as Building Blocks for Constructing Porphyrin-Porphyrinoid Heterodyads with Tunable Energy Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 5294-5302.	6.6	38
101	Highly Photoluminescent and Environmentally Stable Perovskite Nanocrystals Templated in Thin Self-Assembled Block Copolymer Films. <i>Advanced Functional Materials</i> , 2019, 29, 1808193.	7.8	37
102	Light Emission Enhancement by Tuning the Structural Phase of APbBr ₃ (A = Tl, ET, Q, O, O, rg, BT, /Overlock 10 Tf 50 307 Td (2135-2142.	2.1	12
103	Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals. <i>Advanced Functional Materials</i> , 2019, 29, 1901225.	7.8	95
104	<i>ortho</i> -Phenylene-Bridged Hybrid Nanorings of 2,5-Pyrrolylenes and 2,5-Thienylenes. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 994-1000.	1.3	11
105	5,20-Bis(ethoxycarbonyl)-Substituted Antiaromatic [28]Hexaphyrin and Its Bis-Ni II and Bis-Cu II Complexes. <i>Chemistry - an Asian Journal</i> , 2019, 14, 968-971.	1.7	9
106	Bright and Uniform Green Light Emitting InP/ZnSe/ZnS Quantum Dots for Wide Color Gamut Displays. <i>ACS Applied Nano Materials</i> , 2019, 2, 1496-1504.	2.4	177
107	5,10-Dimesityldiindeno[1,2- <i>a</i> :2',1'- <i>i</i>]phenanthrene: a stable biradicaloid derived from Chichibabin's hydrocarbon. <i>Chemical Science</i> , 2019, 10, 3413-3420.	3.7	33
108	Inserting Nitrogen: An Effective Concept To Create Nonplanar and Stimuli-Responsive Perylene Bisimide Analogues. <i>Journal of the American Chemical Society</i> , 2019, 141, 19807-19816.	6.6	40

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109	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , 2019, 6, 064501.	0.9	14
110	The effects of discrete and gradient mid-shell structures on the photoluminescence of single InP quantum dots. <i>Nanoscale</i> , 2019, 11, 23251-23258.	2.8	28
111	Highly efficient and stable InP/ZnSe/ZnS quantum dot light-emitting diodes. <i>Nature</i> , 2019, 575, 634-638.	13.7	802
112	Synthesis of Ag/Mn Co-Doped CdS/ZnS (Core/Shell) Nanocrystals with Controlled Dopant Concentration and Spatial Distribution and the Dynamics of Excitons and Energy Transfer between Co-Dopants. <i>Nano Letters</i> , 2019, 19, 308-317.	4.5	16
113	Hexadecaphyrin-(1.0.0.0.1.1.0.1.1.0.0.0.1.1.0.1): A Dual Site Ligand That Supports Thermal Conformational Changes. <i>Journal of the American Chemical Society</i> , 2018, 140, 4028-4034.	6.6	16
114	Spectroscopic Diagnosis of Excited-State Aromaticity: Capturing Electronic Structures and Conformations upon Aromaticity Reversal. <i>Accounts of Chemical Research</i> , 2018, 51, 1349-1358.	7.6	85
115	Photoinduced Intermolecular Electron Transfer Mediated by the Colloidal Tyrosyl Bolaamphiphile Assembly. <i>ChemPhysChem</i> , 2018, 19, 643-650.	1.0	4
116	An Expanded Porphycene with High NIR Absorptivity That Stabilizes Two Different Kinds of Metal Complexes. <i>Angewandte Chemie</i> , 2018, 130, 2605-2609.	1.6	4
117	Stable 2D anti-ferromagnetically coupled fluorenyl radical dendrons. <i>Chemical Science</i> , 2018, 9, 3395-3400.	3.7	5
118	Ultrafast Exciton Delocalization, Localization, and Excimer Formation Dynamics in a Highly Defined Perylene Bisimide Quadruple π -Stack. <i>Journal of the American Chemical Society</i> , 2018, 140, 4253-4258.	6.6	101
119	Ping-Pong Energy Transfer in a Boron Dipyromethane Containing Pt(II) Schiff Base Complex: Synthesis, Photophysical Studies, and Anti-Stokes Shift Increase in Triplet-Triplet Annihilation Upconversion. <i>Inorganic Chemistry</i> , 2018, 57, 4877-4890.	1.9	39
120	Synthesis of (bis)Silicon Complexes of [38], [37], and [36]Octaphyrins: Aromaticity Switch and Stable Radical Cation. <i>Angewandte Chemie</i> , 2018, 130, 5978-5982.	1.6	6
121	Light-Emitting Diodes: All-Inorganic CsPbI ₃ Perovskite Phase-Stabilized by Poly(ethylene oxide) for Red-Light-Emitting Diodes (<i>Adv. Funct. Mater.</i> 16/2018). <i>Advanced Functional Materials</i> , 2018, 28, 1870102.	7.8	1
122	Diarylamine-Fused Subporphyrins: Proof of Twisted Intramolecular Charge Transfer (TICT) Mechanism. <i>Chemistry - A European Journal</i> , 2018, 24, 8306-8310.	1.7	15
123	Azabuckybowl-Based Molecular Tweezers as C ₆₀ and C ₇₀ Receptors. <i>Journal of the American Chemical Society</i> , 2018, 140, 6336-6342.	6.6	104
124	Solar Cells: Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization (<i>Adv. Energy Mater.</i> 10/2018). <i>Advanced Energy Materials</i> , 2018, 8, 1870045.	10.2	6
125	Electron-Deficient Bipyrrrole Boomerangs: Bright Fluorophores Obtained via Double C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2018, 24, 7525-7530.	1.7	19
126	Innen-Äußere Titelbild: An Expanded Porphycene with High NIR Absorptivity That Stabilizes Two Different Kinds of Metal Complexes (<i>Angew. Chem.</i> 10/2018). <i>Angewandte Chemie</i> , 2018, 130, 2775-2775.	1.6	0

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127	Stable Nitrogen-Centered Bis(imino)rylene Diradicaloids. <i>Chemistry - A European Journal</i> , 2018, 24, 4944-4951.	1.7	17
128	All-Inorganic CsPbI ₃ Perovskite Phase-Stabilized by Poly(ethylene oxide) for Red-Light-Emitting Diodes. <i>Advanced Functional Materials</i> , 2018, 28, 1706401.	7.8	156
129	Switch-ON Near IR Fluorescent Dye Upon Protonation: Helically Twisted Bis(Boron Difluoride) Complex of Extended Corrorin. <i>Chemistry - A European Journal</i> , 2018, 24, 4628-4634.	1.7	17
130	Composition-dependent emission linewidth broadening in lead bromide perovskite (APbBr ₃), A = Cs and CH ₃ NH ₃) nanoparticles. <i>Nanoscale</i> , 2018, 10, 2207-2212.	2.8	15
131	Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization. <i>Advanced Energy Materials</i> , 2018, 8, 1702369.	10.2	74
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