

Dongho Kim

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/1757724/dongho-kim-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

441
papers

19,122
citations

75
h-index

118
g-index

475
ext. papers

21,591
ext. citations

10.2
avg, IF

6.86
L-index

#	Paper	IF	Citations
441	Naphthalimide-Fused Dipyrrins: Tunable Halochromic Switches and Photothermal NIR-II Dyes.. <i>Advanced Science</i> , 2022 , e2105886	13.6	0
440	Effectual Interface and Defect Engineering for Auger Recombination Suppression in Bright InP/ZnSeS/ZnS Quantum Dots.. <i>ACS Applied Materials & Interfaces</i> , 2022 ,	9.5	4
439	Enhanced band-filling effect in halide perovskites via hydrophobic conductive linkers. <i>Cell Reports Physical Science</i> , 2022 , 3, 100800	6.1	0
438	Shape-Tuned Multi-photon Emitting InP Nanotetrapod.. <i>Advanced Materials</i> , 2022 , e2110665	24	1
437	Shape-Tuned Multiphoton-Emitting InP Nanotetrapods (Adv. Mater. 19/2022). <i>Advanced Materials</i> , 2022 , 34, 2270145	24	
436	Tetrabromo[36]octaphyrin: A Promising Precursor of Directly Fused Porphyrin(2.1.1.1) Dimer and meso-Fused N-Confused Porphyrin Dimer. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 26540-26544	16.4	1
435	Organic Light-Emitting Diodes: Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices (Adv. Mater. 12/2021). <i>Advanced Materials</i> , 2021 , 33, 2170090	24	1
434	Switching resonance character within merocyanine stacks and its impact on excited-state dynamics. <i>Chem</i> , 2021 , 7, 715-725	16.2	7
433	Magnetic-Field-Induced Modulation of Charge-Recombination Dynamics in a Rosarin-Fullerene Complex. <i>Angewandte Chemie</i> , 2021 , 133, 9465-9469	3.6	0
432	Femtosecond Transient Absorption Studies of Polymer Aggregation on Photovoltaic Performance: Role of an Integrated Aggregation Promotor in the Polymer Chain. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 7568-7580	3.8	0
431	Nanocrystalline Polymorphic Energy Funnels for Efficient and Stable Perovskite Light-Emitting Diodes. <i>ACS Energy Letters</i> , 2021 , 6, 1821-1830	20.1	10
430	Mode-Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie</i> , 2021 , 133, 17136-17145	3.6	
429	Mode-Specific Vibrational Analysis of Exciton Delocalization and Structural Dynamics in Conjugated Oligomers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 16999-17008	16.4	0
428	-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	16.4	7
427	Charge-Delocalized State and Coherent Vibrational Dynamics in Rigid PBI H-Aggregates. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9825-9833	16.4	5
426	Dual Emission of a Free-Base 5-Oxaporphyrinium Cation from its cis- and trans-NH Tautomers. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 2915-2919	16.4	6
425	A Light-Harvesting/Charge-Separation Model with Energy Gradient Made of Assemblies of meta-Pyridyl Zinc Porphyrins. <i>Chemistry - A European Journal</i> , 2021 , 27, 4053-4063	4.8	0

424	Dual Emission of a Free-Base 5-Oxaporphyrinium Cation from its cis- and trans-NH Tautomers. <i>Angewandte Chemie</i> , 2021 , 133, 2951-2955	3.6	2
423	Impact of Cyclic Strain on the Structural Relaxation Dynamics of Macrocyclic Thiophenes. <i>Journal of Physical Chemistry C</i> , 2021 , 125, 1947-1953	3.8	1
422	Theoretical Engineering of Singlet Fission Kinetics in Perylene Bisimide Dimer with Chromophore Rotation. <i>Journal of Physical Chemistry A</i> , 2021 , 125, 875-884	2.8	1
421	Negative Trion Auger Recombination in Highly Luminescent InP/ZnSe/ZnS Quantum Dots. <i>Nano Letters</i> , 2021 , 21, 2111-2116	11.5	14
420	An Electron-Accepting aza-BODIPY-Based Donor-Acceptor-Donor Architecture for Bright NIR Emission. <i>Chemistry - A European Journal</i> , 2021 , 27, 5259-5267	4.8	14
419	Modeling Electron-Transfer Degradation of Organic Light-Emitting Devices. <i>Advanced Materials</i> , 2021 , 33, e2003832	24	9
418	Strong Electronic Coupling-Induced Ultrafast Charge Transfer in Donor-Pyrene-Acceptor Systems. <i>Journal of Physical Chemistry Letters</i> , 2021 , 12, 2226-2231	6.4	4
417	Magnetic-Field-Induced Modulation of Charge-Recombination Dynamics in a Rosarin-Fullerene Complex. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 9379-9383	16.4	0
416	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	3.8	2
415	Antiaromatic 1,5-Diaza-s-indacenes. <i>Angewandte Chemie</i> , 2021 , 133, 20933-20938	3.6	3
414	Antiaromatic 1,5-Diaza-s-indacenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 20765-20770	16.4	4
413	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	6.4	0
412	Tuning Hot Carrier Dynamics of InP/ZnSe/ZnS Quantum Dots by Shell Morphology Control. <i>Small</i> , 2021 , e2105492	11	4
411	Innenrücktitelbild: Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures (Angew. Chem. 47/2020). <i>Angewandte Chemie</i> , 2020 , 132, 21431-21431	3.6	
410	A boronic acid-functionalized phthalocyanine with an aggregation-enhanced photodynamic effect for combating antibiotic-resistant bacteria. <i>Chemical Science</i> , 2020 , 11, 5735-5739	9.4	35
409	Near-Infrared-III-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16161-16166	16.4	7
408	Near-Infrared-III-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie</i> , 2020 , 132, 16295-16300	3.6	1
407	Innentitelbild: Tracking Structural Evolution during Symmetry-Breaking Charge Separation in Quadrupolar Perylene Bisimide with Time-Resolved Impulsive Stimulated Raman Spectroscopy (Angew. Chem. 22/2020). <i>Angewandte Chemie</i> , 2020 , 132, 8382-8382	3.6	1

406	Noncovalent Intermolecular Interaction in Cofacially Stacked 24 π Antiaromatic Hexaphyrin Dimer. <i>Chemistry - A European Journal</i> , 2020 , 26, 16434-16440	4.8	4
405	Ultrafast Exciton Self-Trapping and Delocalization in Cycloparaphenylenes: The Role of Excited-State Symmetry in Electron-Vibrational Coupling. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 16989-16996	16.4	4
404	Evolution from unimolecular to colloidal-quantum-dot-like character in chlorine or zinc incorporated InP magic size clusters. <i>Nature Communications</i> , 2020 , 11, 3127	17.4	10
403	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. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6807-6813	16.4	17
402	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	16.4	15
401	Charge Recombination in Polaron Pairs: A Key Factor for Operational Stability of Blue-Phosphorescent Light-Emitting Devices. <i>Advanced Theory and Simulations</i> , 2020 , 3, 2000028	3.5	5
400	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie</i> , 2020 , 132, 21142-21150	3.6	2
399	Multiexcitonic Triplet Pair Generation in Oligoacene Dendrimers as Amorphous Solid-State Miniatures. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 20956-20964	16.4	10
398	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	16.4	26
397	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	16.4	6
396	3D global aromaticity in a fully conjugated diradicaloid cage at different oxidation states. <i>Nature Chemistry</i> , 2020 , 12, 242-248	17.6	59
395	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	3.6	
394	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	6.2	5
393	Rational Synthesis of 5,10-Diazaporphyrins via Nucleophilic Substitution Reactions of β -Dibromotripyrrin and Dihydrogenation to Give 5,10-Diazachlorins. <i>Journal of Organic Chemistry</i> , 2020 , 85, 3849-3857	4.2	6
392	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	3.8	10
391	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	3.6	2
390	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	16.4	51
389	Excitonically Coupled Cyclic BF Arrays of Calix[8]- and Calix[16]phyrin as Near-IR-Chromophores. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 13063-13070	16.4	16

388	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	3.6	3
387	Perovskite Light-Emitting Diodes: Surface-2D/Bulk-3D Heterophased Perovskite Nanograins for Long-Term-Stable Light-Emitting Diodes (Adv. Mater. 1/2020). <i>Advanced Materials</i> , 2020 , 32, 2070007	24	2
386	A relationship between the surface composition and spectroscopic properties of cesium lead bromide (CsPbBr) perovskite nanocrystals: focusing on photoluminescence efficiency. <i>Nanoscale</i> , 2020 , 12, 1563-1570	7.7	7
385	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	16.4	19
384	Surface-2D/Bulk-3D Heterophased Perovskite Nanograins for Long-Term-Stable Light-Emitting Diodes. <i>Advanced Materials</i> , 2020 , 32, e1905674	24	36
383	Polarization-Dependent Photoluminescence of a Highly (100)-Oriented Perovskite Film. <i>ChemPhysChem</i> , 2020 , 21, 204-211	3.2	2
382	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	4.8	3
381	Porphyrin-Ryleneimide Hybrids: Low-Bandgap Acceptors in Energy-Transfer Cassettes. <i>Chemistry - an Asian Journal</i> , 2020 , 15, 2854-2858	4.5	5
380	Ultrafast Exciton Self-Trapping and Delocalization in Cycloparaphenylenes: The Role of Excited-State Symmetry in Electron-Vibrational Coupling. <i>Angewandte Chemie</i> , 2020 , 132, 17137-17144	3.6	3
379	The relationship between photophysical properties and aromaticity/antiaromaticity of various expanded porphyrins B Hans Fischer Career Award paper. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 1278-1299	1.8	3
378	Spectroscopic Studies on Intramolecular Charge-Transfer Characteristics in Small-Molecule Organic Solar Cell Donors: A Case Study on ADA and DAD Triad Donors. <i>Journal of Physical Chemistry C</i> , 2020 , 124, 18502-18512	3.8	9
377	Electrochemical Charging Effect on the Optical Properties of InP/ZnSe/ZnS Quantum Dots. <i>Small</i> , 2020 , 16, e2003542	11	14
376	Porphyrin-Ryleneimide Hybrids: Tuning of Visible and Near-Infrared Absorption by Chromophore Desymmetrization. <i>Organic Letters</i> , 2020 , 22, 7202-7207	6.2	6
375	Tetrameric and Hexameric Porphyrin Nanorings: Template Synthesis and Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2020 , 142, 15661-15666	16.4	17
374	2,6-/1,5-Naphthoquinodimethane bridged porphyrin dimer diradicaloids. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 220-229	1.8	6
373	Carbazole-containing porphyrinoid and its oligomers. <i>Chemical Communications</i> , 2019 , 55, 11454-11457	5.8	7
372	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	5.8	9
371	Elucidation of Photoluminescence Blinking Mechanism and Multiexciton Dynamics in Hybrid Organic-Inorganic Perovskite Quantum Dots. <i>Small</i> , 2019 , 15, e1900355	11	19

370	Acetylene and trans-Ethylene Bridged B-Subporphyrin Dimers. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 2230-2234	4.5	0
369	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	6.4	25
368	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	16.4	24
367	Highly Photoluminescent and Environmentally Stable Perovskite Nanocrystals Templated in Thin Self-Assembled Block Copolymer Films. <i>Advanced Functional Materials</i> , 2019 , 29, 1808193	15.6	21
366	Light Emission Enhancement by Tuning the Structural Phase of APbBr (A = CHNH, Cs) Perovskites. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 2135-2142	6.4	9
365	Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals. <i>Advanced Functional Materials</i> , 2019 , 29, 1901225	15.6	70
364	ortho-Phenylene-Bridged Hybrid Nanorings of 2,5-Pyrrolylenes and 2,5-Thienylenes. <i>Asian Journal of Organic Chemistry</i> , 2019 , 8, 994-1000	3	8
363	5,20-Bis(ethoxycarbonyl)-Substituted Antiaromatic [28]Hexaphyrin and Its Bis-Ni and Bis-Cu Complexes. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 968-971	4.5	3
362	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	5.6	109
361	5,10-Dimesityldiindeno[1,2-:2',1'-]phenanthrene: a stable biradicaloid derived from Chichibabin's hydrocarbon. <i>Chemical Science</i> , 2019 , 10, 3413-3420	9.4	22
360	Three-dimensional aromaticity in an antiaromatic cyclophane. <i>Nature Communications</i> , 2019 , 10, 3576	17.4	39
359	5,20-Diheterohexaphyrins: metal-template-free synthesis and aromaticity switching. <i>Chemical Communications</i> , 2019 , 55, 10547-10550	5.8	9
358	Bis-4,4'-biphenyl Ring Embedded Octaphyrin with Three Distinct Conformational Structures. <i>Chemistry - A European Journal</i> , 2019 , 25, 12911-12915	4.8	10
357	Conformational Heterogeneity in Large Macrocyclic Thiophenes. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 4136-4141	6.4	4
356	Quasi Two-Dimensional Perovskites: Efficient Ruddlesden-Popper Perovskite Light-Emitting Diodes with Randomly Oriented Nanocrystals (Adv. Funct. Mater. 27/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970187	15.6	5
355	Perovskite Nanopatterning: Highly Photoluminescent and Environmentally Stable Perovskite Nanocrystals Templated in Thin Self-Assembled Block Copolymer Films (Adv. Funct. Mater. 26/2019). <i>Advanced Functional Materials</i> , 2019 , 29, 1970181	15.6	1
354	Band Alignment Engineering between Planar SnO and Halide Perovskites via Two-Step Annealing. <i>Journal of Physical Chemistry Letters</i> , 2019 , 10, 6545-6550	6.4	14
353	Two-electron transfer stabilized by excited-state aromatization. <i>Nature Communications</i> , 2019 , 10, 4983	17.4	11

352	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	16.4	22
351	Ultrafast coherent exciton dynamics in size-controlled perylene bisimide aggregates. <i>Structural Dynamics</i> , 2019 , 6, 064501	3.2	9
350	The effects of discrete and gradient mid-shell structures on the photoluminescence of single InP quantum dots. <i>Nanoscale</i> , 2019 , 11, 23251-23258	7.7	14
349	Highly efficient and stable InP/ZnSe/ZnS quantum dot light-emitting diodes. <i>Nature</i> , 2019 , 575, 634-638	50.4	445
348	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	11.5	12
347	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	16.4	14
346	Spectroscopic Diagnosis of Excited-State Aromaticity: Capturing Electronic Structures and Conformations upon Aromaticity Reversal. <i>Accounts of Chemical Research</i> , 2018 , 51, 1349-1358	24.3	58
345	Photoinduced Intermolecular Electron Transfer Mediated by the Colloidal Tyrosyl Bolaamphiphile Assembly. <i>ChemPhysChem</i> , 2018 , 19, 643-650	3.2	4
344	An Expanded Porphycene with High NIR Absorptivity That Stabilizes Two Different Kinds of Metal Complexes. <i>Angewandte Chemie</i> , 2018 , 130, 2605-2609	3.6	2
343	Stable 2D anti-ferromagnetically coupled fluorenyl radical dendrons. <i>Chemical Science</i> , 2018 , 9, 3395-3404	9.4	2
342	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	16.4	75
341	Ping-Pong Energy Transfer in a Boron Dipyrromethane 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	5.1	24
340	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	3.6	4
339	Light-Emitting Diodes: All-Inorganic CsPbI ₃ Perovskite Phase-Stabilized by Poly(ethylene oxide) for Red-Light-Emitting Diodes (Adv. Funct. Mater. 16/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870102	15.6	1
338	Diarylamine-Fused Subporphyrins: Proof of Twisted Intramolecular Charge Transfer (TICT) Mechanism. <i>Chemistry - A European Journal</i> , 2018 , 24, 8306-8310	4.8	12
337	Azabuckybowl-Based Molecular Tweezers as C and C Receptors. <i>Journal of the American Chemical Society</i> , 2018 , 140, 6336-6342	16.4	66
336	Solar Cells: Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization (Adv. Energy Mater. 10/2018). <i>Advanced Energy Materials</i> , 2018 , 8, 1870045	21.8	4
335	Electron-Deficient Bipyrrrole Boomerangs: Bright Fluorophores Obtained via Double C-H Bond Activation. <i>Chemistry - A European Journal</i> , 2018 , 24, 7525-7530	4.8	15

- 334 Innenrücktitelbild: An Expanded Porphycene with High NIR Absorptivity That Stabilizes Two Different Kinds of Metal Complexes (Angew. Chem. 10/2018). *Angewandte Chemie*, **2018**, 130, 2775-2778^{3.6}
- 333 Stable Nitrogen-Centered Bis(imino)rylene Diradicaloids. *Chemistry - A European Journal*, **2018**, 24, 4944-4951 11
- 332 All-Inorganic CsPbI₃ Perovskite Phase-Stabilized by Poly(ethylene oxide) for Red-Light-Emitting Diodes. *Advanced Functional Materials*, **2018**, 28, 1706401 15.6 127
- 331 Switch-ON Near IR Fluorescent Dye Upon Protonation: Helically Twisted Bis(Boron Difluoride) Complex of β -Extended Corrorin. *Chemistry - A European Journal*, **2018**, 24, 4628-4634 4.8 11
- 330 Composition-dependent emission linewidth broadening in lead bromide perovskite (APbBr, A = Cs and CHNH) nanoparticles. *Nanoscale*, **2018**, 10, 2207-2212 7.7 10
- 329 Oriented Grains with Preferred Low-Angle Grain Boundaries in Halide Perovskite Films by Pressure-Induced Crystallization. *Advanced Energy Materials*, **2018**, 8, 1702369 21.8 56
- 328 Benzonorcorrole Ni Complexes: Enhancement of Paratropic Ring Current and Singlet Diradical Character by Benzo-Fusion. *Angewandte Chemie - International Edition*, **2018**, 57, 2209-2213 16.4 23
- 327 An Expanded Porphycene with High NIR Absorptivity That Stabilizes Two Different Kinds of Metal Complexes. *Angewandte Chemie - International Edition*, **2018**, 57, 2575-2579 16.4 14
- 326 A Saturn-Like Complex Composed of Macrocyclic Oligothiophene and C Fullerene: Structure, Stability, and Photophysical Properties in Solution and the Solid State. *Chemistry - A European Journal*, **2018**, 24, 3793-3801 4.8 16
- 325 The First Silicon(IV) Corrole Complexes: Synthesis, Structures, Properties, and Formation of a β Oxo Dimer. *Chemistry - A European Journal*, **2018**, 24, 7637-7646 4.8 10
- 324 Macrocyclic Polyradicaloids with Unusual Super-ring Structure and Global Aromaticity. *CheM*, **2018**, 4, 1586-1595 16.2 79
- 323 Investigation and Control of Single Molecular Structures of Meso- Meso Linked Long Porphyrin Arrays. *Journal of Physical Chemistry B*, **2018**, 122, 5121-5125 3.4 2
- 322 Synthesis of (bis)Silicon Complexes of [38], [37], and [36]Octaphyrins: Aromaticity Switch and Stable Radical Cation. *Angewandte Chemie - International Edition*, **2018**, 57, 5876-5880 16.4 13
- 321 Electron photoejection from dianion of an expanded phthalocyanine. *Journal of Porphyrins and Phthalocyanines*, **2018**, 22, 437-442 1.8
- 320 Near-Infrared S Fluorescence from Deprotonated Möbius Aromatic [32]Heptaphyrin. *Journal of Physical Chemistry Letters*, **2018**, 9, 4527-4531 6.4 4
- 319 Halide Perovskite Nanopillar Photodetector. *ACS Nano*, **2018**, 12, 8564-8571 16.7 46
- 318 Excited-state structural relaxation and exciton delocalization dynamics in linear and cyclic β -conjugated oligothiophenes. *Chemical Society Reviews*, **2018**, 47, 4279-4294 58.5 23
- 317 Solvent and Structural Fluctuations Induced Symmetry-Breaking Charge Transfer in a Porphyrin Triad. *Journal of Physical Chemistry C*, **2018**, 122, 19409-19415 3.8 26

3 ¹⁶	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie</i> , 2018 , 130, 12714-12717	3.6	3
3 ¹⁵	Enhancement of exciton transport in porphyrin aggregate nanostructures by controlling the hierarchical self-assembly. <i>Nanoscale</i> , 2018 , 10, 16438-16446	7.7	23
3 ¹⁴	Stable Expanded Porphycene-Based Diradicaloid and Tetraradicaloid. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 12534-12537	16.4	19
3 ¹³	BODIPY-Based Antiaromatic Macrocycles: Facile Synthesis by Knoevenagel Condensation and Unusual Aggregation-Enhanced Two-Photon Absorption Properties. <i>Chemistry - A European Journal</i> , 2018 , 24, 2232-2241	4.8	15
3 ¹²	Diazachlorin and diazabacteriochlorin for one- and two-photon photodynamic therapy. <i>Chemical Communications</i> , 2018 , 54, 13829-13832	5.8	10
3 ¹¹	Three-Dimensional Fully Conjugated Carbaporphyrin Cage. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16455-16459	16.4	40
3 ¹⁰	meso-Triaryl-Substituted Smaragdyrins: Facile Aromaticity Switching. <i>Journal of the American Chemical Society</i> , 2018 , 140, 16553-16559	16.4	25
3 ⁰⁹	Proton-Coupled Redox Switching in an Annulated π -Extended Core-Modified Octaphyrin. <i>Journal of the American Chemical Society</i> , 2018 , 140, 12111-12119	16.4	23
3 ⁰⁸	Metal-Stabilized Quinoidal Dibenzo[g, p]chrysene-Fused Bis-dicarbacorrole System. <i>Journal of the American Chemical Society</i> , 2018 , 140, 7579-7586	16.4	25
3 ⁰⁷	Role of Disorder in the Extent of Interchain Delocalization and Polaron Generation in Polythiophene Crystalline Domains. <i>Journal of Physical Chemistry Letters</i> , 2018 , 9, 3173-3180	6.4	7
3 ⁰⁶	Synthesis of Boron(III)-Coordinated Subchlorophins and Their Peripheral Modifications. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2492-2496	16.4	13
3 ⁰⁵	Radical and Diradical Formation in Naphthalene Diimides through Simple Chemical Oxidation. <i>ChemPhysChem</i> , 2017 , 18, 591-595	3.2	17
3 ⁰⁴	Impact of Excess CH ₃ NH ₃ I on Free Carrier Dynamics in High-Performance Nonstoichiometric Perovskites. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 3143-3148	3.8	41
3 ⁰³	In-Situ Formed Type I Nanocrystalline Perovskite Film for Highly Efficient Light-Emitting Diode. <i>ACS Nano</i> , 2017 , 11, 3311-3319	16.7	134
3 ⁰²	M π Bius Aromatic [28]Hexaphyrin Germanium(IV) and Tin(IV) Complexes: Efficient Formation of Triplet Excited States. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3982-3986	16.4	19
3 ⁰¹	Internally 2,5-Thienylene-Bridged [46]Decaphyrin: (Annuleno)annulene Network Consisting of M π Bius Aromatic Thia[28]hexaphyrins and Strong H π kel Aromaticity of its Protonated Form. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3232-3236	16.4	21
3 ⁰⁰	The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 2932-2936	16.4	19
2 ⁹⁹	Potassium Incorporation for Enhanced Performance and Stability of Fully Inorganic Cesium Lead Halide Perovskite Solar Cells. <i>Nano Letters</i> , 2017 , 17, 2028-2033	11.5	371

298	Electron Transfer from Triplet State of TIPS-Pentacene Generated by Singlet Fission Processes to CHNHPbI Perovskite. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 884-888	6.4	20
297	meso-Arylethynyl subporphyrins as efficient and tunable photo-induced electron transfer units. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017 , 21, 152-157	1.8	5
296	Porphyrin-Azobenzene-Bodipy Triads: Syntheses, Structures, and Photophysical Properties. <i>Organic Letters</i> , 2017 , 19, 2654-2657	6.2	13
295	Symmetry-breaking charge transfer in the excited state of directly linked push-pull porphyrin arrays. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 13970-13977	3.6	35
294	Broadband Visible Light Harvesting N ^N Pt(II) Bisacetylde Complex with Bodipy and Naphthalene Diimide Ligands: Förster Resonance Energy Transfer and Intersystem Crossing. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 11117-11128	3.8	19
293	Thienylquinonoidal Porphyrins and Hexaphyrins with Singlet Diradical Ground States. <i>Chemistry - A European Journal</i> , 2017 , 23, 8969-8979	4.8	27
292	Push-Pull-Type Polychlorotriphenylmethyl Radicals: New Two-Photon Absorbers and Dyes for Generation of Photo-Charges. <i>Chemistry - A European Journal</i> , 2017 , 23, 7698-7702	4.8	16
291	Porphyrin Arch-Tapes: Synthesis, Contorted Structures, and Full Conjugation. <i>Journal of the American Chemical Society</i> , 2017 , 139, 9075-9088	16.4	43
290	Unveiling the Crystal Formation of Cesium Lead Mixed-Halide Perovskites for Efficient and Stable Solar Cells. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 2936-2940	6.4	144
289	The Extension of Baird's Rule to Twisted Heteroannulenes: Aromaticity Reversal of Singly and Doubly Twisted Molecular Systems in the Lowest Triplet State. <i>Angewandte Chemie</i> , 2017 , 129, 2978-2982	3.6	4
288	Retrieving aromaticity of dithiadiazuliporphyrin by oxidation: illustration by experimental and theoretical investigation. <i>RSC Advances</i> , 2017 , 7, 19502-19505	3.7	2
287	Composition-Dependent Hot Carrier Relaxation Dynamics in Cesium Lead Halide (CsPbX ₃ , X=Br and I) Perovskite Nanocrystals. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 4160-4164	16.4	108
286	Structural, Photophysical, and Magnetic Circular Dichroism Studies of Three Rigidified meso-Pentafluorophenyl-Substituted Hexaphyrin Analogues. <i>Chemistry - A European Journal</i> , 2017 , 23, 6682-6692	4.8	12
285	Expanded Rosarin: A Versatile Fullerene (C) Receptor. <i>Journal of the American Chemical Society</i> , 2017 , 139, 4627-4630	16.4	41
284	Composition-Dependent Hot Carrier Relaxation Dynamics in Cesium Lead Halide (CsPbX ₃ , X=Br and I) Perovskite Nanocrystals. <i>Angewandte Chemie</i> , 2017 , 129, 4224-4228	3.6	22
283	Control and Switching of Aromaticity in Various All-Aza-Expanded Porphyrins: Spectroscopic and Theoretical Analyses. <i>Chemical Reviews</i> , 2017 , 117, 2257-2312	68.1	107
282	Protonation Dependent Topological Dichotomy of Core Modified Hexaphyrins: Synthesis, Characterization, and Excited State Dynamics. <i>Journal of Organic Chemistry</i> , 2017 , 82, 556-566	4.2	8
281	Guest-Induced Modulation of the Energy Transfer Process in Porphyrin-Based Artificial Light Harvesting Dendrimers. <i>Journal of the American Chemical Society</i> , 2017 , 139, 993-1002	16.4	28

280	A solution-based single-molecule study of surface-bound PBIs: solvent-mediated environmental effects on molecular flexibility. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 29255-29262	3.6	1
279	Hetero Cu(III)-Pd(II) Complex of a Dibenzo[g,p]chrysene-Fused Bis-dicarbacorrole with Stable Organic Radical Character. <i>Journal of the American Chemical Society</i> , 2017 , 139, 15232-15238	16.4	37
278	meso-to-meso 2,5-Pyrrolylene bridged zig-zag porphyrin arrays. <i>Chemical Communications</i> , 2017 , 53, 11488-11491	5.8	8
277	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie</i> , 2017 , 129, 14880-14885	16.4	36
276	Closed Pentaaza[9]helicene and Hexathia[9]/[5]helicene: Oxidative Fusion Reactions of ortho-Phenylene-Bridged Cyclic Hexapyrroles and Hexathiophenes. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 14688-14693	16.4	36
275	Unraveling Excited-Singlet-State Aromaticity via Vibrational Analysis. <i>CheM</i> , 2017 , 3, 870-880	16.2	27
274	Fluorenyl Based Macrocyclic Polyradicaloids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13173-13183	16.4	44
273	Flattened Calixarene-like Cyclic BODIPY Array: A New Photosynthetic Antenna Model. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13950-13956	16.4	45
272	Energetics of Baird aromaticity supported by inversion of photoexcited chiral [4n]annulene derivatives. <i>Nature Communications</i> , 2017 , 8, 346	17.4	63
271	A meso-meso  triply linked subporphyrin dimer. <i>Angewandte Chemie</i> , 2017 , 129, 12485-12489	3.6	6
270	A meso-meso  triply linked subporphyrin dimer. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12317-12321	16.4	11
269	Bicyclic Baird-type aromaticity. <i>Nature Chemistry</i> , 2017 , 9, 1243-1248	17.6	50
268	Strategic Construction of Directly Linked Porphyrin-BODIPY Hybrids. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 12322-12326	16.4	17
267	S Fluorescence from [26]Hexaphyrin Dianion. <i>Journal of Physical Chemistry Letters</i> , 2017 , 8, 3795-3799	6.4	3
266	Sequential N-Alkylations of Tetrabenzotetraaza[8]circulene as a Tool To Tune Its Optical Properties. <i>ChemPlusChem</i> , 2017 , 82, 1048-1051	2.8	15
265	Highly planar diarylamine-fused porphyrins and their remarkably stable radical cations. <i>Chemical Science</i> , 2017 , 8, 189-199	9.4	51
264	Sequential energy transfer followed by electron transfer in a BODIPY-bisstyrylBODIPY bound to C triad via a 'two-point' binding strategy. <i>Chemical Communications</i> , 2017 , 54, 54-57	5.8	21
263	Structure-Dependent Electronic Interactions in Ethyne-Bridged Porphyrin Arrays Investigated by Single-Molecule Fluorescence Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3676-82	6.4	3

262	Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie</i> , 2016 , 128, 12224-12228	3.6	7
261	Boron Difluoride Complexes of Expanded N-Confused Calix[n]phyrins That Demonstrate Unique Luminescent and Lasing Properties. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 12045-9	16.4	31
260	Pictet-Spengler Synthesis of Quinoline-Fused Porphyrins and Phenanthroline-Fused Diporphyrins. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13038-13042	16.4	22
259	Excited-state torsional relaxation dynamics of meso-meso directly linked corrole dimers: importance of linking position. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23374-82	3.6	11
258	Modulation of Symmetry-Breaking Intramolecular Charge-Transfer Dynamics Assisted by Pendant Side Chains in Linkers in Quadrupolar Diketopyrrolopyrrole Derivatives. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 3060-6	6.4	48
257	Innentitelbild: A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State (Angew. Chem. 39/2016). <i>Angewandte Chemie</i> , 2016 , 128, 11864-11864	3.6	36
256	Direct Observation of Excimer-Mediated Intramolecular Electron Transfer in a Cofacially-Stacked Perylene Bisimide Pair. <i>Journal of the American Chemical Society</i> , 2016 , 138, 9029-32	16.4	94
255	ortho-Phenylene-Bridged Cyclic Oligopyrroles: Conformational Flexibilities and Optical Properties. <i>Chemistry - A European Journal</i> , 2016 , 22, 10597-606	4.8	20
254	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie</i> , 2016 , 128, 14278-14282	3.6	22
253	Self-formed grain boundary healing layer for highly efficient CH ₃ NH ₃ PbI ₃ perovskite solar cells. <i>Nature Energy</i> , 2016 , 1,	62.3	757
252	Symmetry-Dependent Intramolecular Charge Transfer Dynamics of Pyrene Derivatives Investigated by Two-Photon Excitation. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 9217-9223	2.8	11
251	A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State. <i>Angewandte Chemie</i> , 2016 , 128, 12109-12113	3.6	13
250	Directly Diphenylborane-Fused Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3196-9	16.4	42
249	Extended "Earring" Porphyrins with Multiple Cavities and Near-Infrared Absorption. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6438-42	16.4	27
248	Trimeric and Tetrameric Electron-Deficient Porphyrin Tapes. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1454-53	4.5	6
247	Triphenylsilane-fused Porphyrins. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1738-46	4.5	21
246	Porphyrim Analogues of a Trityl Cation and Anion. <i>Chemistry - A European Journal</i> , 2016 , 22, 7041-5	4.8	8
245	Innentitelbild: Triply Linked Corrole Dimers (Angew. Chem. 22/2016). <i>Angewandte Chemie</i> , 2016 , 128, 6671-6671	3.6	2

244	Synthesis of Di-peri-dinaphthoporphyrins by PtCl ₂ -Mediated Cyclization of Quinodimethane-type Porphyrins. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6305-9	16.4	15
243	Induced Correspondence of a Local π -Aromatic Sextet in Heteroannulenes: Synthesis and Characterization. <i>Chemistry - A European Journal</i> , 2016 , 22, 5504-8	4.8	5
242	Aromatic Fused [30] Heteroannulenes with NIR Absorption and NIR Emission: Synthesis, Characterization, and Excited-State Dynamics. <i>Chemistry - A European Journal</i> , 2016 , 22, 8026-31	4.8	8
241	β - π ,5-Pyrrolylene-Linked Cyclic Porphyrin Oligomers. <i>Chemistry - A European Journal</i> , 2016 , 22, 8801-4	4.8	15
240	meso-to-meso Sulfide- and Disulfide-Bridged Subporphyrin Dimers. <i>European Journal of Organic Chemistry</i> , 2016 , 2016, 1977-1981	3.2	6
239	Triply Linked Corrole Dimers. <i>Angewandte Chemie</i> , 2016 , 128, 6645-6649	3.6	22
238	Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems. <i>Angewandte Chemie</i> , 2016 , 128, 6597-6601	3.6	9
237	Reaktion: Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems (Angew. Chem. 22/2016). <i>Angewandte Chemie</i> , 2016 , 128, 6672-6672	3.6	
236	Aromaticity Reversal in the Lowest Excited Triplet State of Archetypical Möbius Heteroannulenic Systems. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6487-91	16.4	29
235	Heteroleptic Tetrapyrrole-Fused Dimeric and Trimeric Skeletons with Unusual Non-Frustrated Fluorescence. <i>Chemistry - A European Journal</i> , 2016 , 22, 4492-9	4.8	12
234	Switchable π -Electronic network of bis(π -oligothienyl)-substituted hexaphyrins between helical rectangular circuit. <i>Chemical Science</i> , 2016 , 7, 2239-2245	9.4	14
233	Direct observation of structural properties and fluorescent trapping sites in macrocyclic porphyrin arrays at the single-molecule level. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3871-7	3.6	4
232	Chain-Length-Dependent Exciton Dynamics in Linear Oligothiophenes Probed Using Ensemble and Single-Molecule Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 452-8	6.4	11
231	Intramolecular electron transfer reactions in meso-(4-nitrophenyl)-substituted subporphyrins. <i>Chemical Communications</i> , 2016 , 52, 1424-7	5.8	4
230	Benzo-thia-fused π -thienoacenequinodimethanes with small to moderate diradical characters: the role of pro-aromaticity anti-aromaticity. <i>Chemical Science</i> , 2016 , 7, 3036-3046	9.4	31
229	Regioselective phenylene-fusion reactions of Ni(II)-porphyrins controlled by an electron-withdrawing -substituent. <i>Chemical Science</i> , 2016 , 7, 4059-4066	9.4	24
228	Octazethrene and Its Isomer with Different Diradical Characters and Chemical Reactivity: The Role of the Bridge Structure. <i>Journal of Organic Chemistry</i> , 2016 , 81, 2911-9	4.2	34
227	Toward Tetraradicaloid: The Effect of Fusion Mode on Radical Character and Chemical Reactivity. <i>Journal of the American Chemical Society</i> , 2016 , 138, 1065-77	16.4	76

226	Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. <i>Angewandte Chemie</i> , 2016 , 128, 8853-8856	3.6	34
225	Spontaneous Formation of an Air-Stable Radical upon the Direct Fusion of Diphenylmethane to a Triarylporphyrin. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8711-4	16.4	47
224	A Directly Fused Subporphyrin Dimer with a Wavelike Structure. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 9212-5	16.4	13
223	Stable Boron Peroxides with a Subporphyrinato Ligand. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2596-9	16.4	24
222	Triply Linked Corrole Dimers. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 6535-9	16.4	42
221	Synthesis of Di-peri-dinaphthoporphyrins by PtCl ₂ -Mediated Cyclization of Quinodimethane-type Porphyrins. <i>Angewandte Chemie</i> , 2016 , 128, 6413-6417	3.6	6
220	A Diradical Approach towards BODIPY-Based Dyes with Intense Near-Infrared Absorption around 81100 nm. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 2815-9	16.4	79
219	Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 8095-9	16.4	21
218	Phenylene-Bridged Core-Modified Planar Aromatic Octaphyrin: Aromaticity, Photophysical and Anion Receptor Properties. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 1447-53	4.5	10
217	Conformational Fixation of a Rectangular Antiaromatic [28]Hexaphyrin Using Rationally Installed Peripheral Straps. <i>Chemistry - A European Journal</i> , 2016 , 22, 4413-7	4.8	16
216	Efficient Electron Transfer Processes and Enhanced Electrocatalytic Activity of Cobalt(II) Porphyrin Anchored on Graphene Oxide. <i>Israel Journal of Chemistry</i> , 2016 , 56, 169-174	3.4	4
215	Double Ring Expansion from an Aromatic [18]Porphyrin(1.1.1.1) to an Antiaromatic [20]Porphyrin(2.1.2.1). <i>Angewandte Chemie</i> , 2016 , 128, 8227-8231	3.6	8
214	Stacked antiaromatic porphyrins. <i>Nature Communications</i> , 2016 , 7, 13620	17.4	76
213	A very rapid electronic relaxation process in a highly conjugated Zn(II)porphyrin-[26]hexaphyrin-Zn(II)porphyrin hybrid tape. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 3244-9	3.6	5
212	Defining Cyclic-Acyclic Exciton Transition at the Single-Molecule Level: Size-Dependent Conformational Heterogeneity and Exciton Delocalization in Ethynylene-Bridged Cyclic Oligothiophenes. <i>Journal of Physical Chemistry Letters</i> , 2016 , 7, 1260-6	6.4	11
211	Multifaceted [36]octaphyrin(1.1.1.1.1.1.1.1): deprotonation-induced switching among nonaromatic, M π bius aromatic, and H π ckel antiaromatic species. <i>Chemical Communications</i> , 2016 , 52, 6076-8	5.8	29
210	Composition-dependent trap distributions in CdSe and InP quantum dots probed using photoluminescence blinking dynamics. <i>Nanoscale</i> , 2016 , 8, 14109-16	7.7	20
209	Structure-property relationships in two-dimensionally extended benzoporphyrin molecules probed using single-molecule fluorescence spectroscopy. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 7521-6	3.6	1

208	Directly 2,12- and 2,8-Linked Zn(II) Porphyrin Oligomers: Synthesis, Optical Properties, and Coherence Lengths. <i>Chemistry - A European Journal</i> , 2016 , 22, 83-7	4.8	5
207	Boron complexes of cyclo[m]pyridine[n]pyrroles. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016 , 20, 407-412	1.8	3
206	meso-Nitro- and meso-Aminosubporphyrinatoboron(III)s and meso-to-meso Azosubporphyrinatoboron(III)s. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2946-2952	4.5	10
205	Stable 3,6-Linked Fluorenyl Radical Oligomers with Intramolecular Antiferromagnetic Coupling and Polyradical Characters. <i>Journal of the American Chemical Society</i> , 2016 , 138, 13048-13058	16.4	35
204	Doubly N-Fused [24]Pentaphyrin Silicon Complex and Its Fluorosilicate: Enhanced Möbius Aromaticity in the Fluorosilicate. <i>Chemistry - A European Journal</i> , 2016 , 22, 16554-16561	4.8	17
203	Octulene: A Hyperbolic Molecular Belt that Binds Chloride Anions. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 14072-14076	16.4	58
202	The first porphyrin-subphthalocyaninatoboron(iii)-fused hybrid with unique conformation and intramolecular charge transfer behavior. <i>Chemical Communications</i> , 2016 , 52, 10517-20	5.8	5
201	Exciton coupling dynamics in syn- and anti-type π -linked Zn(ii) porphyrin linear arrays. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 23105-10	3.6	8
200	First-Generation Subporphyrinatoboron(III) Sensitizers Surpass the 10 % Power Conversion Efficiency Threshold. <i>Angewandte Chemie</i> , 2016 , 128, 10443-10447	3.6	10
199	First-Generation Subporphyrinatoboron(III) Sensitizers Surpass the 10 % Power Conversion Efficiency Threshold. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 10287-91	16.4	20
198	A Description of Vibrational Modes in Hexaphyrins: Understanding the Aromaticity Reversal in the Lowest Triplet State. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 11930-4	16.4	28
197	π -Functionalized Push-Pull Porphyrin Sensitizers in Dye-Sensitized Solar Cells: Effect of π -Conjugated Spacers. <i>ChemSusChem</i> , 2015 , 8, 2967-77	8.3	33
196	Formation of Ground State Triplet Diradicals from Annulated Rosarin Derivatives by Triprotonation. <i>Journal of the American Chemical Society</i> , 2015 , 137, 9780-3	16.4	21
195	Push-Pull Type Oligo(N-annulated perylene)quinodimethanes: Chain Length and Solvent-Dependent Ground States and Physical Properties. <i>Journal of the American Chemical Society</i> , 2015 , 137, 8572-83	16.4	76
194	Phenalenyl-fused porphyrins with different ground states. <i>Chemical Science</i> , 2015 , 6, 2427-2433	9.4	44
193	Inhomogeneity in the excited-state torsional disorder of a conjugated macrocycle. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 4116-26	3.4	19
192	Size Dependence of Excitation-Energy-Related Surface Trapping Dynamics in PbS Quantum Dots. <i>Journal of Physical Chemistry C</i> , 2015 , 119, 7517-7524	3.8	20
191	π -Octakis(methylthio)porphycenes: synthesis, characterisation and third order nonlinear optical studies. <i>Chemical Communications</i> , 2015 , 51, 7705-8	5.8	28

190	Stable [48]-, [50]-, and [52]dodecaphyrins(1.1.0.1.1.0.1.1.0.1.1.0): the largest Hückel aromatic molecules. <i>Chemistry - A European Journal</i> , 2015 , 21, 8341-6	4.8	30
189	Reversal of Hückel (anti)aromaticity in the lowest triplet states of hexaphyrins and spectroscopic evidence for Baird's rule. <i>Nature Chemistry</i> , 2015 , 7, 418-22	17.6	134
188	5,20-Di(pyridin-2-yl)-[28]hexaphyrin(1.1.1.1.1.1): A Stable Hückel Antiaromatic Hexaphyrin Stabilized by Intramolecular Hydrogen Bonding and Protonation-Induced Conformational Twist To Gain Möbius Aromaticity. <i>Journal of Organic Chemistry</i> , 2015 , 80, 11726-33	4.2	31
187	Photoinduced electron transfer (PET) versus excimer formation in supramolecular p/n-heterojunctions of perylene bisimide dyes and implications for organic photovoltaics. <i>Faraday Discussions</i> , 2015 , 185, 507-27	3.6	31
186	Direct observation of ultrafast coherent exciton dynamics in helical stacks of self-assembled perylene bisimides. <i>Nature Communications</i> , 2015 , 6, 8646	17.4	122
185	The Role of Linkers in the Excited-State Dynamic Planarization Processes of Macrocyclic Oligothiophene 12-Mers. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 4444-50	6.4	14
184	Controlling the spatial distribution of quantum dots in nanofiber for light-harvesting devices. <i>NPG Asia Materials</i> , 2015 , 7, e202-e202	10.3	12
183	Switching between Aromatic and Antiaromatic 1,3-Phenylene-Strapped [26]- and [28]Hexaphyrins upon Passage to the Singlet Excited State. <i>Journal of the American Chemical Society</i> , 2015 , 137, 11856-9	16.4	47
182	Phenylene ethynylene-tethered perylene bisimide folda-dimer and folda-trimer: investigations on folding features in ground and excited states. <i>Chemistry - A European Journal</i> , 2015 , 21, 615-30	4.8	32
181	Octamethoxy-Substituted 22π and 26π Stretched Porphycenes: Synthesis, Characterization, Photodynamics, and Nonlinear Optical Studies. <i>Chemistry - A European Journal</i> , 2015 , 21, 12129-35	4.8	17
180	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 13980-4	16.4	58
179	Synthesis of [n]Cyclo-5,15-porphyrinylene-4,4'-biphenylenes Displaying Size-Dependent Excitation-Energy Hopping. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 15197-201	16.4	29
178	Azobenzene-Bridged Porphyrin Nanorings: Syntheses, Structures, and Photophysical Properties. <i>Chemistry - A European Journal</i> , 2015 , 21, 15328-38	4.8	16
177	Perylene Bisimide Radicals and Biradicals: Synthesis and Molecular Properties. <i>Angewandte Chemie</i> , 2015 , 127, 14186-14190	3.6	27
176	meso-Hydroxysubporphyrins: A Cyclic Trimeric Assembly and a Stable meso-Oxy Radical. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 6613-7	16.4	51
175	Stable Radical from a Contracted Doubly N-Confused Hexaphyrin by Double Palladium Metalation. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 7323-7	16.4	45
174	Folding-induced modulation of excited-state dynamics in an oligophenylene-ethynylene-tethered spiral perylene bisimide aggregate. <i>ChemPhysChem</i> , 2015 , 16, 1757-67	3.2	16
173	Excited-State Dynamic Planarization of Cyclic Oligothiophenes in the Vicinity of a Ring-to-Linear Excitonic Behavioral Turning Point. <i>Angewandte Chemie</i> , 2015 , 127, 12902-12906	3.6	9

172	Excited-State Dynamic Planarization of Cyclic Oligothiophenes in the Vicinity of a Ring-to-Linear Excitonic Behavioral Turning Point. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 12711-5	16.4	29
171	Synthesis of a Tetrabenzotetraaza[8]circulene by a Fold-In Oxidative Fusion Reaction. <i>Angewandte Chemie</i> , 2015 , 127, 10785-10788	3.6	33
170	Modulation of Axial-Ligand Binding and Releasing Processes onto the Triazole-Bearing Nickel(II) Picket-Fence Porphyrins: Steric Repulsion versus Hydrogen-Bonding Effects. <i>Journal of Physical Chemistry B</i> , 2015 , 119, 7053-61	3.4	12
169	Excited-State Vibrational Coherence in Perylene Bisimide Probed by Femtosecond Broadband Pump-Probe Spectroscopy. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 6275-82	2.8	14
168	Synthesis of a Tetrabenzotetraaza[8]circulene by a "Fold-In" Oxidative Fusion Reaction. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 10639-42	16.4	68
167	A Möbius aromatic [28]hexaphyrin bearing a diethylamine group: a rigid but smooth conjugation circuit. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 5456-9	16.4	18
166	Relationship between Dynamic Planarization Processes and Exciton Delocalization in Cyclic Oligothiophenes. <i>Journal of Physical Chemistry Letters</i> , 2015 , 6, 451-6	6.4	45
165	meso-meso linked porphyrin-[26]hexaphyrin-porphyrin hybrid arrays and their triply linked tapes exhibiting strong absorption bands in the NIR region. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2097-106	16.4	52
164	Cyclic 2,12-porphyrinylene nanorings as a porphyrin analogue of cycloparaphenylenes. <i>Journal of the American Chemical Society</i> , 2015 , 137, 2219-22	16.4	87
163	Fused corrole dimers interconvert between nonaromatic and aromatic states through two-electron redox reactions. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 3107-11	16.4	42
162	Triarylporphyrin meso-Oxy Radicals: Remarkable Chemical Stabilities and Oxidation to Oxophlorin Cations. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15584-94	16.4	61
161	Hierarchically structured Zn ₂ SnO ₄ nanobeads for high-efficiency dye-sensitized solar cells. <i>Scientific Reports</i> , 2014 , 4, 7353	4.9	38
160	SiIV incorporation into a [28]hexaphyrin that triggered formation of Möbius aromatic molecules. <i>Chemistry - A European Journal</i> , 2014 , 20, 8274-8	4.8	29
159	Cross-conjugated hexaphyrins and their bis-rhodium complexes. <i>Chemistry - A European Journal</i> , 2014 , 20, 7698-705	4.8	13
158	A porphyrin-based molecular tweezer: guest-induced switching of forward and backward photoinduced energy transfer. <i>Journal of the American Chemical Society</i> , 2014 , 136, 1672-9	16.4	31
157	Indolo[2,3-b]carbazoles with tunable ground states: how Clar's aromatic sextet determines the singlet biradical character. <i>Chemical Science</i> , 2014 , 5, 4944-4952	9.4	31
156	Antiaromatic bisindeno-[n]thienoacenes with small singlet biradical characters: syntheses, structures and chain length dependent physical properties. <i>Chemical Science</i> , 2014 , 5, 4490-4503	9.4	53
155	Long-lived charge-separated states produced in supramolecular complexes between anionic and cationic porphyrins. <i>Chemical Science</i> , 2014 , 5, 3888-3896	9.4	21

154	Unique ultrafast energy transfer in a series of phenylene-bridged subporphyrin-porphyrin hybrids. <i>Chemical Communications</i> , 2014 , 50, 10424-6	5.8	10
153	The effect of π -conjugation in the macrocyclic ring on the photophysical properties of a series of thiaaceneporphyrinoids. <i>Chemical Communications</i> , 2014 , 50, 8367-9	5.8	13
152	Intramolecular Interactions of Highly π -Conjugated Perylene-diimide Oligomers Probed by Single-Molecule Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3895-901	6.4	11
151	A hybrid macrocycle with a pyridine subunit displays aromatic character upon uranyl cation complexation. <i>Journal of the American Chemical Society</i> , 2014 , 136, 4281-6	16.4	40
150	Pd(II) Complexes of [44]- and [46]Decaphyrins: The Largest Hückel Aromatic and Antiaromatic, and Möbius Aromatic Macrocycles. <i>Angewandte Chemie</i> , 2014 , 126, 13385-13389	3.6	25
149	Synthesis of direct π - π -linked porphyrin arrays with large electronic interactions: branched and cyclic oligomers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 11088-91	16.4	29
148	Deprotonation induced formation of Möbius aromatic [32]heptaphyrins. <i>Chemical Communications</i> , 2014 , 50, 548-50	5.8	23
147	Dark to light! A new strategy for large Stokes shift dyes: coupling of a dark donor with tunable high quantum yield acceptors. <i>Chemical Science</i> , 2014 , 5, 4812-4818	9.4	43
146	Spectroscopic Demonstration of Exciton Dynamics and Excimer Formation in a Sterically Controlled Perylene Bisimide Dimer Aggregate. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 3601-7	6.4	117
145	Pd(II) complexes of [44]- and [46]decaphyrins: the largest Hückel aromatic and antiaromatic, and Möbius aromatic macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 13169-73	16.4	49
144	Turning on the biradical state of tetracyano-perylene and quaterrylenequinodimethanes by incorporation of additional thiophene rings. <i>Chemical Science</i> , 2014 , 5, 3072-3080	9.4	43
143	Ion-regulated allosteric binding of fullerenes (C ₆₀ and C ₇₀) by tetrathiafulvalene-calix[4]pyrroles. <i>Journal of the American Chemical Society</i> , 2014 , 136, 10410-7	16.4	63
142	Reconstruction of the Molecular Structure of a Multichromophoric System Using Single-Molecule Defocused Wide-Field Imaging. <i>Journal of Physical Chemistry Letters</i> , 2014 , 5, 2830-5	6.4	13
141	Photoinduced Electron Transfer from a Tetrathiafulvalene-Calix[4]pyrrole to a Porphyrin Carboxylate within a Supramolecular Ensemble. <i>Journal of Physical Chemistry C</i> , 2014 , 118, 13503-13513 ^{3.8}	3.8	26
140	Guest-induced photophysical property switching of artificial light-harvesting dendrimers. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6925-8	16.4	45
139	Diprotonated [28]Hexaphyrins(1.1.1.1.1): Triangular Antiaromatic Macrocycles. <i>Angewandte Chemie</i> , 2014 , 126, 3495-3499	3.6	18
138	Innenrücktitelbild: Guest-Induced Photophysical Property Switching of Artificial Light-Harvesting Dendrimers (Angew. Chem. 27/2014). <i>Angewandte Chemie</i> , 2014 , 126, 7215-7215	3.6	
137	Guest-Induced Photophysical Property Switching of Artificial Light-Harvesting Dendrimers. <i>Angewandte Chemie</i> , 2014 , 126, 7045-7048	3.6	22

136	Excited-state electronic couplings in a 1,3-butadiyne-bridged Zn(II)porphyrin dimer and trimer. <i>Chemical Communications</i> , 2014 , 50, 2947-50	5.8	14
135	Diprotonated [28]hexaphyrins(1.1.1.1.1.1): triangular antiaromatic macrocycles. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 3427-31	16.4	36
134	Tetracyanoquaterrylene and tetracyanohexarylenequinodimethanes with tunable ground states and strong near-infrared absorption. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8561-5	16.4	88
133	Tetrathiafulvalene-annulated [28]hexaphyrin(1.1.1.1.1.1): a multi-electron donor system subject to conformational control. <i>Chemical Communications</i> , 2013 , 49, 8937-9	5.8	10
132	S2 fluorescence dynamics of meso-aryl-substituted subporphyrins. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12632-5	16.4	14
131	Highly efficient plastic crystal ionic conductors for solid-state dye-sensitized solar cells. <i>Scientific Reports</i> , 2013 , 3, 3520	4.9	52
130	Dibenzoheptazethrene isomers with different biradical characters: an exercise of Clar's aromatic sextet rule in singlet biradicaloids. <i>Journal of the American Chemical Society</i> , 2013 , 135, 18229-36	16.4	147
129	Core-modified meso-aryl hexaphyrins with an internal thiophene bridge: structure, aromaticity, and photodynamics. <i>Chemistry - A European Journal</i> , 2013 , 19, 1886-90	4.8	25
128	A 1,3-phenylene-bridged hexameric porphyrin wheel and efficient excitation energy transfer along the wheel. <i>Chemistry - A European Journal</i> , 2013 , 19, 13328-36	4.8	20
127	Protonation-coupled redox reactions in planar antiaromatic meso-pentafluorophenyl-substituted o-phenylene-bridged annulated rosarins. <i>Nature Chemistry</i> , 2013 , 5, 15-20	17.6	95
126	Superior photoelectrodes for solid-state dye-sensitized solar cells using amphiphilic TiO ₂ . <i>Journal of Materials Chemistry A</i> , 2013 , 1, 1228-1238	13	29
125	Enhanced charge collection efficiency of dye-sensitized solar cells based on size-tunable hierarchically structured TiO ₂ beads. <i>Journal of Materials Chemistry A</i> , 2013 , 1, 1359-1367	13	17
124	Homoconjugation in diporphyrins: excitonic behaviors in singly and doubly linked Zn(II)porphyrin dimers. <i>Chemical Science</i> , 2013 , 4, 1756	9.4	16
123	Structure-property relationship of perylene bisimide macrocycles probed by atomic force microscopy and single-molecule fluorescence spectroscopy. <i>ACS Nano</i> , 2013 , 7, 5064-76	16.7	32
122	Pushing extended p-quinodimethanes to the limit: stable tetracyano-oligo(N-annulated perylene)quinodimethanes with tunable ground states. <i>Journal of the American Chemical Society</i> , 2013 , 135, 6363-71	16.4	150
121	Porphyrins fused with strongly electron-donating 1,3-dithiol-2-ylidene moieties: redox control by metal cation complexation and anion binding. <i>Journal of the American Chemical Society</i> , 2013 , 135, 10852-62	16.4	48
120	X-ray structure and properties of a cyclo[6]pyrrole[3]thiophene. <i>Journal of Porphyrins and Phthalocyanines</i> , 2013 , 17, 27-35	1.8	5
119	A p-quinodimethane-bridged porphyrin dimer. <i>Chemistry - A European Journal</i> , 2013 , 19, 16814-24	4.8	34

118	Exciton delocalization and dynamics in helical stacks of self-assembled perylene bisimides. <i>Chemical Science</i> , 2013 , 4, 388-397	9.4	138
117	Tetracyanoquaterylene and Tetracyanohexarylenequinodimethanes with Tunable Ground States and Strong Near-Infrared Absorption. <i>Angewandte Chemie</i> , 2013 , 125, 8723-8727	3.6	29
116	Modulation of dual electronic circuits of [26]hexaphyrins using internal aromatic straps. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 12997-3001	16.4	27
115	S2 Fluorescence Dynamics of meso-Aryl-Substituted Subporphyrins. <i>Angewandte Chemie</i> , 2013 , 125, 12864-12867	3.6	1
114	Conformational change from a twisted figure-eight to an open-extended structure in doubly fused 36 π -core-modified octaphyrins triggered by protonation: implication on photodynamics and aromaticity. <i>Chemistry - A European Journal</i> , 2013 , 19, 17011-20	4.8	29
113	Mesomorphic Organization and Thermochromic Luminescence of Dicyanodistyrylbenzene-Based Phasmodic Molecular Disks: Uniaxially Aligned Hexagonal Columnar Liquid Crystals at Room Temperature with Enhanced Fluorescence Emission and Semiconductivity. <i>Advanced Functional Materials</i> , 2012 , 22, 41-49	15.6	134
112	A M π Bius Antiaromatic Complex as a Kinetically Controlled Product in Phosphorus Insertion to a [32]Heptaphyrin. <i>Angewandte Chemie</i> , 2012 , 124, 13282-13285	3.6	20
111	A M π Bius antiaromatic complex as a kinetically controlled product in phosphorus insertion to a [32]heptaphyrin. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 13105-8	16.4	40
110	Deprotonation-induced aromaticity enhancement and new conjugated networks in meso-Hexakis(pentafluorophenyl)[26]hexaphyrin. <i>Chemistry - A European Journal</i> , 2012 , 18, 15838-44	4.8	30
109	Single-molecule fluorescence dynamics of a butadiyne-linked porphyrin dimer: the effect of conformational flexibility in host polymers. <i>Faraday Discussions</i> , 2012 , 155, 277-88; discussion 297-308	3.6	15
108	Molecular engineering and solvent dependence of excitation energy hopping in self-assembled porphyrin boxes. <i>Chemical Communications</i> , 2012 , 48, 4181-3	5.8	11
107	Cyclo[m]pyridine[n]pyrroles: hybrid macrocycles that display expanded π -conjugation upon protonation. <i>Journal of the American Chemical Society</i> , 2012 , 134, 4076-9	16.4	58
106	Excitonic coupling in linear and trefoil trimer perylenediimide molecules probed by single-molecule spectroscopy. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 12878-86	3.4	21
105	Kinetically blocked stable heptazethrene and octazethrene: closed-shell or open-shell in the ground state?. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14913-22	16.4	213
104	Stable tetrabenzo-Chichibabin's hydrocarbons: tunable ground state and unusual transition between their closed-shell and open-shell resonance forms. <i>Journal of the American Chemical Society</i> , 2012 , 134, 14513-25	16.4	176
103	Excitation energy migration in covalently linked perylene bisimide macrocycles. <i>Chemical Science</i> , 2012 , 3, 2778	9.4	45
102	Excitation energy transfer in multiporphyrin arrays with cyclic architectures: towards artificial light-harvesting antenna complexes. <i>Chemical Society Reviews</i> , 2012 , 41, 4808-26	58.5	163
101	Synthesis, characterization, and spectroscopic analysis of antiaromatic benzofused metalloporphyrins. <i>Chemistry - A European Journal</i> , 2012 , 18, 3566-81	4.8	22

100	Electrochemical synthesis of a thiophene-containing cyclo[9]pyrrole. <i>Chemistry - A European Journal</i> , 2012 , 18, 5853-9	4.8	26
99	Synthesis and recognition properties of higher order tetrathiafulvalene (TTF) calix[n]pyrroles (n = 4-8). <i>Chemical Science</i> , 2012 , 3, 2685	9.4	26
98	Neutral radical and singlet biradical forms of meso-free, -keto, and -diketo hexaphyrins(1.1.1.1.1.1): effects on aromaticity and photophysical properties. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15533-44	16.4	91
97	Comparative photophysics of sapphyrin derivatives: effects of confused and fused pyrrole rings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011 , 15, 858-864	1.8	6
96	Characterization of Ultrafast Intramolecular Charge Transfer Dynamics in Pyrenyl Derivatives: Systematic Change of the Number of Peripheral N,N-Dimethylaniline Substituents. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 818-823	6.4	46
95	Ion-controlled on-off switch of electron transfer from tetrathiafulvalene calix[4]pyrroles to Li ⁺ @C60. <i>Journal of the American Chemical Society</i> , 2011 , 133, 15938-41	16.4	116
94	Solvent- and temperature-dependent conformational changes between Hückel antiaromatic and Möbius aromatic species in meso-trifluoromethyl substituted [28]hexaphyrins. <i>Journal of Physical Chemistry B</i> , 2011 , 115, 14928-37	3.4	43
93	Donor-Substituted β -Functionalized Porphyrin Dyes on Hierarchically Structured Mesoporous TiO ₂ Spheres. Highly Efficient Dye-Sensitized Solar Cells. <i>Journal of Physical Chemistry C</i> , 2011 , 115, 19343-19354	3.8	123
92	Synthesis of carbazole-containing porphyrinoids by a multiple annulation strategy: a core-modified and β -expanded porphyrin. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 5691-4	16.4	72
91	Solvent-dependent aromatic versus antiaromatic conformational switching in meso-(heptakis)pentafluorophenyl [32]heptaphyrin. <i>Chemistry - A European Journal</i> , 2011 , 17, 6707-15	4.8	44
90	The role of electronic coupling in linear porphyrin arrays probed by single-molecule fluorescence spectroscopy. <i>Chemistry - A European Journal</i> , 2011 , 17, 9219-25	4.8	11
89	Synthesis and properties of hybrid porphyrin tapes. <i>Chemistry - A European Journal</i> , 2011 , 17, 14400-12	4.8	61
88	Conformation dynamics of non-, singly- and doubly-N-fused [28]hexaphyrins revealed by photophysical studies. <i>Chemical Communications</i> , 2011 , 47, 3960-2	5.8	14
87	Porphyrinhexaphyrin hybrid tapes. <i>Chemical Science</i> , 2011 , 2, 1414	9.4	52
86	Cyclodipeptide-bridged porphyrin dimer supramolecular assemblies. <i>Chemical Communications</i> , 2011 , 47, 2405-7	5.8	18
85	Origin of Ultrafast Radiationless Deactivation Dynamics of Free-Base Subpyrriporphyrins. <i>Journal of Physical Chemistry Letters</i> , 2011 , 2, 477-481	6.4	25
84	Doubly β -Functionalized Zinc(II) Porphyrin-sensitized TiO ₂ Solar Cells. <i>Journal of the Chinese Chemical Society</i> , 2010 , 57, 1111-1118	1.5	11
83	Fluorescence Dynamics of Chlorophyll Trefoils in the Solid State Studied by Single-Molecule Fluorescence Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 284-289	6.4	25

82	Defining Spectroscopic Features of Heteroannulenic Antiaromatic Porphyrinoids. <i>Journal of Physical Chemistry Letters</i> , 2010 , 1, 895-900	6.4	105
81	A stable non-Kekulé singlet biradicaloid from meso-free 5,10,20,25-tetrakis(pentafluorophenyl)-substituted [26]hexaphyrin(1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2010 , 132, 7246-7	16.4	78
80	Aromaticity and photophysical properties of various topology-controlled expanded porphyrins. <i>Chemical Society Reviews</i> , 2010 , 39, 2751-67	58.5	226
79	Protonated [4n]pi and [4n+2]pi octaphyrins choose their Möbius/Hückel aromatic topology. <i>Journal of the American Chemical Society</i> , 2010 , 132, 3105-14	16.4	99
78	Synthesis and photophysical properties of N-fused tetraphenylporphyrin derivatives: near-infrared organic dye of [18]annulenic compounds. <i>Journal of Organic Chemistry</i> , 2010 , 75, 8637-49	4.2	41
77	The self-assembly and photophysical characterization of tri(cyclopenta[def]phenanthrene)-derived nanoparticles: a template free synthesis of hollow colloidosomes.. <i>Journal of Materials Chemistry</i> , 2010 , 20, 9684		8
76	Large porphyrin squares from the self-assembly of meso-triazole-appended L-shaped meso-meso-linked Zn(II)-triporphyrins: synthesis and efficient energy transfer. <i>Chemistry - A European Journal</i> , 2010 , 16, 5052-61	4.8	41
75	A stable organic radical delocalized on a highly twisted pi system formed upon palladium metalation of a Möbius aromatic hexaphyrin. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1489-91	16.4	50
74	Möbius antiaromatic bisphosphorus complexes of [30]hexaphyrins. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 4950-4	16.4	105
73	Temperature-dependent conformational change of meso-hexakis(pentafluorophenyl) [28]Hexaphyrins(1.1.1.1.1.1) into Möbius structures. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 4498-506	2.8	78
72	Versatile photophysical properties of meso-aryl-substituted subporphyrins: dipolar and octupolar charge-transfer interactions. <i>Chemistry - A European Journal</i> , 2009 , 15, 12005-17	4.8	45
71	Determination of the superradiance coherence length of directly linked linear porphyrin arrays at the single-molecule level. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 4323-7	16.4	17
70	Thermal fusion reactions of meso-(3-thienyl) groups in [26]hexaphyrins to produce Möbius aromatic molecules. <i>Angewandte Chemie - International Edition</i> , 2009 , 48, 6687-90	16.4	50
69	Möbius aromaticity and antiaromaticity in expanded porphyrins. <i>Nature Chemistry</i> , 2009 , 1, 113-22	17.6	224
68	pi-Conjugation enlargement toward the creation of multi-porphyrinic systems with large two-photon absorption properties. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1172-82	4.5	114
67	Aromatic versus antiaromatic effect on photophysical properties of conformationally locked trans-vinylene-bridged hexaphyrins. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7360-7	16.4	92
66	Facile formation of a benzopyrane-fused [28]hexaphyrin that exhibits distinct Möbius aromaticity. <i>Journal of the American Chemical Society</i> , 2009 , 131, 7240-1	16.4	86
65	Conformational changes of meso-aryl substituted expanded porphyrins upon protonation: effects on photophysical properties and aromaticity. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 5794-802	3.4	29

64	Structural factors determining photophysical properties of directly linked zinc(II) porphyrin dimers: linking position, dihedral angle, and linkage length. <i>Journal of Physical Chemistry B</i> , 2009 , 113, 10619-27	3.4	35
63	Fluorescence dynamics of directly meso-meso linked porphyrin rings probed by single molecule spectroscopy. <i>Journal of the American Chemical Society</i> , 2009 , 131, 1488-94	16.4	20
62	Meso-beta doubly linked Zn(II) porphyrin trimers: distinct anti-versus-syn effects on their photophysical properties. <i>Organic Letters</i> , 2009 , 11, 3080-3	6.2	24
61	Unusual interchromophoric interactions in beta,beta' directly and doubly linked corrole dimers: prohibited electronic communication and abnormal singlet ground states. <i>Journal of the American Chemical Society</i> , 2009 , 131, 6412-20	16.4	74
60	Bis-rhodium hexaphyrins: metalation of [28]hexaphyrin and a smooth Hückel aromatic-antiaromatic interconversion. <i>Chemical Communications</i> , 2009 , 3762-4	5.8	53
59	Single molecule spectroscopic investigation on various multiporphyrin systems as molecular photonic devices. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1057-1062		17
58	Discrete cyclic porphyrin arrays as artificial light-harvesting antenna. <i>Accounts of Chemical Research</i> , 2009 , 42, 1922-34	24.3	466
57	The photophysical properties of expanded porphyrins: relationships between aromaticity, molecular geometry and non-linear optical properties. <i>Chemical Communications</i> , 2009 , 261-73	5.8	81
56	Excitation energy migration processes in cyclic porphyrin arrays probed by single molecule spectroscopy. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1879-84	16.4	47
55	Unambiguous identification of M _B aromaticity for meso-aryl-substituted [28]hexaphyrins(1.1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2008 , 130, 13568-79	16.4	214
54	Nonlinear optical properties as a guide to aromaticity in congeneric pentapyrrolic expanded porphyrins: pentaphyrin, sapphyrin, isosmaragdyrin, and orangarin. <i>Journal of the American Chemical Society</i> , 2008 , 130, 6930-1	16.4	72
53	Photophysical properties of core-modified expanded porphyrins: nature of aromaticity and enhancement of ring planarity. <i>Journal of Physical Chemistry B</i> , 2008 , 112, 6900-5	3.4	26
52	M _B aromaticity in N-fused [24]pentaphyrin upon Rh(I) metalation. <i>Journal of the American Chemical Society</i> , 2008 , 130, 1824-5	16.4	126
51	Two-dimensionally extended porphyrin tapes: synthesis and shape-dependent two-photon absorption properties. <i>Chemistry - A European Journal</i> , 2008 , 14, 8279-89	4.8	77
50	Metalation of expanded porphyrins: a chemical trigger used to produce molecular twisting and M _B aromaticity. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 681-4	16.4	267
49	Protonation-triggered conformational changes to m _B aromatic [32]heptaphyrins(1.1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9657-60	16.4	136
48	A stable radical species from facile oxygenation of meso-free 5,10,20,25-tetrakis(pentafluorophenyl)-substituted [26]hexaphyrin(1.1.1.1.1.1). <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 9661-5	16.4	91
47	Protonation-Triggered Conformational Changes to M _B Aromatic [32]Heptaphyrins(1.1.1.1.1.1.1). <i>Angewandte Chemie</i> , 2008 , 120, 9803-9806	3.6	77

46	Various strategies for highly-efficient two-photon absorption in porphyrin arrays. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2008 , 9, 13-28	16.4	83
45	Single-molecule spectroscopic investigation of energy migration processes in cyclic porphyrin arrays. <i>Journal of the American Chemical Society</i> , 2007 , 129, 3539-44	16.4	35
44	Direct Spectroscopic Observation of Interligand Energy Transfer in Cyclometalated Heteroleptic Iridium(III) Complexes: A Strategy for Phosphorescence Color Tuning and White Light Generation. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 4052-4060	3.8	100
43	Photophysics of meso-beta doubly linked Ni(II) porphyrin arrays: large two-photon absorption cross-section and fast energy relaxation dynamics. <i>Journal of the American Chemical Society</i> , 2007 , 129, 10080-1	16.4	84
42	Peripheral fabrications of a bis-gold(III) complex of [26]hexaphyrin(1.1.1.1.1) and aromatic versus antiaromatic effect on two-photon absorption cross section. <i>Journal of the American Chemical Society</i> , 2007 , 129, 11344-5	16.4	123
41	Perturbation of Electronic States and Energy Relaxation Dynamics in a Series of Phenylene Bridged ZnII Porphyrin Dimers. <i>Journal of Physical Chemistry C</i> , 2007 , 111, 14881-14888	3.8	26
40	Synthesis of doubly beta-to-beta 1,3-butadiyne-bridged diporphyrins: enforced planar structures and large two-photon absorption cross sections. <i>Angewandte Chemie - International Edition</i> , 2007 , 46, 5125-8	16.4	88
39	Organic solar cells. Supramolecular composites of porphyrins and fullerenes organized by polypeptide structures as light harvesters. <i>Journal of Materials Chemistry</i> , 2007 , 17, 4160		150
38	Evaluation of planarity and aromaticity in sapphyrin and inverted sapphyrin using a bidirectional NICS (Nucleus-Independent Chemical Shift) scan method?. <i>Chemical Communications</i> , 2007 , 2378-80	5.8	14
37	A new entry to doubly N-confused [26]hexaphyrins(1.1.1.1.1) from normal [26]hexaphyrins(1.1.1.1.1) through an unprecedented double pyrrolic rearrangement. <i>Chemistry - A European Journal</i> , 2006 , 12, 1754-9	4.8	67
36	Giant porphyrin wheels with large electronic coupling as models of light-harvesting photosynthetic antenna. <i>Chemistry - A European Journal</i> , 2006 , 12, 1319-27	4.8	81
35	Synthesis of Doubly Strapped meso-meso-Linked Porphyrin Arrays and Triply Linked Conjugated Porphyrin Tapes. <i>European Journal of Organic Chemistry</i> , 2006 , 2006, 3193-3204	3.2	40
34	Intramolecular and intermolecular energy transfers in donor-acceptor linear porphyrin arrays. <i>Journal of Chemical Physics</i> , 2006 , 125, 074902	3.9	14
33	Nonlinear optical properties and excited-state dynamics of highly symmetric expanded porphyrins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 14128-34	16.4	152
32	A directly fused tetrameric porphyrin sheet and its anomalous electronic properties that arise from the planar cyclooctatetraene core. <i>Journal of the American Chemical Society</i> , 2006 , 128, 4119-27	16.4	205
31	High fidelity self-sorting assembling of meso-cinchomeronimide appended meso-meso linked Zn(II) diporphyrins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 7670-8	16.4	105
30	Relationship between two-photon absorption and the pi-conjugation pathway in porphyrin arrays through dihedral angle control. <i>Journal of the American Chemical Society</i> , 2006 , 128, 1700-4	16.4	193
29	Comparative photophysical properties of free-base, bis-Zn(II), bis-Cu(II), and bis-Co(II) doubly N-confused hexaphyrins(1.1.1.1.1). <i>Journal of Physical Chemistry B</i> , 2006 , 110, 11683-90	3.4	39

28	Inverted sapphyrin: a new family of doubly N-confused expanded porphyrins. <i>Journal of the American Chemical Society</i> , 2006 , 128, 12640-1	16.4	68
27	Correlation of Fluorescence Anisotropy Decay with Molecular Size and Shape of Covalently and Noncovalently Bound Large Porphyrin Arrays. <i>Journal of the Chinese Chemical Society</i> , 2006 , 53, 41-46	1.5	2
26	Single molecule spectroscopic investigation on conformational heterogeneity of directly linked zinc(II) porphyrin arrays. <i>Journal of the American Chemical Society</i> , 2005 , 127, 15201-6	16.4	31
25	Enhancement of light-energy conversion efficiency by multi-porphyrin arrays of porphyrin-peptide oligomers with fullerene clusters. <i>Journal of Physical Chemistry B</i> , 2005 , 109, 19-23	3.4	168
24	Photovoltaic cells using composite nanoclusters of porphyrins and fullerenes with gold nanoparticles. <i>Journal of the American Chemical Society</i> , 2005 , 127, 1216-28	16.4	429
23	Directly meso-meso linked porphyrin rings: synthesis, characterization, and efficient excitation energy hopping. <i>Journal of the American Chemical Society</i> , 2005 , 127, 236-46	16.4	146
22	Excitonic coupling in covalently linked multiporphyrin systems by matrix diagonalization. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2005 , 6, 249-263	16.4	20
21	Comparative photophysics of [26]- and [28]hexaphyrins(1.1.1.1.1): large two-photon absorption cross section of aromatic [26]hexaphyrins(1.1.1.1.1). <i>Journal of the American Chemical Society</i> , 2005 , 127, 12856-61	16.4	132
20	Excitation-energy migration in self-assembled cyclic zinc(II)-porphyrin arrays: a close mimicry of a natural light-harvesting system. <i>Chemistry - A European Journal</i> , 2005 , 11, 3753-61	4.8	75
19	Excitonic coupling strength and coherence length in the singlet and triplet excited states of meso-meso directly linked Zn(II)porphyrin arrays. <i>ChemPhysChem</i> , 2004 , 5, 57-67	3.2	22
18	A dodecameric porphyrin wheel. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4468-9	16.4	122
17	Porphyrin boxes constructed by homochiral self-sorting assembly: optical separation, exciton coupling, and efficient excitation energy migration. <i>Journal of the American Chemical Society</i> , 2004 , 126, 16187-98	16.4	178
16	Directly linked porphyrin arrays with tunable excitonic interactions. <i>Accounts of Chemical Research</i> , 2004 , 37, 735-45	24.3	373
15	Photophysical Properties of Directly Linked Linear Porphyrin Arrays. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 8791-8816	2.8	175
14	Efficient excitation energy transfer in long meso-meso linked Zn(II) porphyrin arrays bearing a 5,15-bisphenylethynylated Zn(II) porphyrin acceptor. <i>Journal of the American Chemical Society</i> , 2003 , 125, 9668-81	16.4	103
13	Excitation energy transport processes of porphyrin monomer, dimer, cyclic trimer, and hexamer probed by ultrafast fluorescence anisotropy decay. <i>Journal of the American Chemical Society</i> , 2003 , 125, 5849-60	16.4	145
12	Resonance Raman spectroscopic study of fused multiporphyrin linear arrays. <i>Journal of Chemical Physics</i> , 2003 , 119, 5237-5252	3.9	13
11	Fractal-Time Response Function of GFP/Viologen/TCNQ Structured Molecular Photodiode. <i>Molecular Crystals and Liquid Crystals</i> , 2002 , 377, 245-248	0.5	

- 10 Photophysical properties of porphyrin tapes. *Journal of the American Chemical Society*, **2002**, 124, 14642-14644 192
- 9 Picosecond transient resonance Raman study on the excited-state conformational dynamics of a highly ruffled nickel porphyrin. *Journal of Raman Spectroscopy*, **2001**, 32, 487-493 2.3 6
- 8 Transient absorption anisotropy study of ultrafast energy transfer in porphyrin monomer, its direct meso-meso coupled dimer and trimer. *Journal of Chemical Physics*, **2001**, 114, 6750-6758 3.9 49
- 7 Photophysical properties of long rodlike meso-meso-linked zinc(II) porphyrins investigated by time-resolved laser spectroscopic methods. *Journal of the American Chemical Society*, **2001**, 123, 76-86 16.4 208
- 6 Ultrafast Energy Relaxation Dynamics of C120, a [2+2]-bridged C60 Dimer. *Journal of Physical Chemistry A*, **2000**, 104, 9666-9669 2.8 7
- 5 Synthesis and Excited-State Photodynamics of a Molecular Square Containing Four Mutually Coplanar Porphyrins. *Journal of Organic Chemistry*, **1998**, 63, 5042-5049 4.2 101
- 4 Flash Photolysis Observation of Aryl, 2,3-Dihydrocyclohexadienyl, and Halogen Anion Radicals in Aqueous Solution: Photohomolytic Radical Cyclization of Aryl Halide¹. *Journal of the American Chemical Society*, **1996**, 118, 11399-11405 16.4 17
- 3 High-pressure Raman study of fullerite C60. *Journal of Raman Spectroscopy*, **1992**, 23, 311-313 2.3 12
- 2 Surfactant-aided surface enhanced Raman scattering of Ni(II) tetrasulphonate phthalocyanine in silver sol. *Journal of Raman Spectroscopy*, **1991**, 22, 597-600 2.3 4
- 1 Retina-Inspired Structurally Tunable Synaptic Perovskite Nanocones. *Advanced Functional Materials*, **2015**, 25, 5596-5606 15.6 9