Taku Hasobe

List of Publications by Year
in descending order

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127 papers	6,186 citations	61945 43 h-index	74108 75 g-index
134 all docs	134 docs citations	134 times ranked	5760 citing authors

#	Article	IF	Citations
1	Tetraaryldiborane(4) Can Emit Dual Fluorescence Responding to the Structural Change around the Bâ€“B Bond. Angewandte Chemie - International Edition, 2022, 61, .	7.2	7
2	Titelbild: Tetraaryldiborane(4) Can Emit Dual Fluorescence Responding to the Structural Change around the Bâ€“B Bond (Angew. Chem. 1/2022). Angewandte Chemie, 2022, 134, .	1.6	1
3	Molecular Design Strategy for High-Yield and Long-Lived Individual Doubled Triplet Excitons through Intramolecular Singlet Fission. ACS Energy Letters, 2022, 7, 390-400.	8.8	16
4	Organic-Inorganic Hybrid Molecular Architectures Utilizing Self-assembled Monolayers for Singlet Fission and Light Energy Conversion. Chemistry Letters, 2021, 50, 615-622.	0.7	7
5	Supramolecular Singlet Fission of Pentacene Dimers within Polyaromatic Capsules. Journal of the American Chemical Society, 2021, 143, 9361-9367.	6.6	19
6	Enthalpyâ€“Entropy Compensation Effect for Triplet Pair Dissociation of Intramolecular Singlet Fission in Phenylene Spacer-Bridged Hexacene Dimers. Journal of Physical Chemistry Letters, 2021, 12, 6457-6463.	2.1	13
7	Synergetic Role of Conformational Flexibility and Electronic Coupling for Quantitative Intramolecular Singlet Fission. Journal of Physical Chemistry C, 2021, 125, 18287-18296.	1.5	21
8	An Airâ€•and Waterâ€Stable B₄N₄â€Heteropentalene Serving as a Host Material for a Phosphorescent OLED. Angewandte Chemie, 2021, 133, 24005-24011.	1.6	5
9	An Airâ€•and Waterâ€Stable B₄N₄â€Heteropentalene Serving as a Host Material for a Phosphorescent OLED. Angewandte Chemie - International Edition, 2021, 60, 23812-23818.	7.2	18
10	Near-Unity Singlet Fission on a Quantum Dot Initiated by Resonant Energy Transfer. Journal of the American Chemical Society, 2021, 143, 17388-17394.	6.6	10
11	Systematic Control of Structural and Photophysical Properties of Ï€â€Extended Monoâ€•and Bisâ€BODIPY Derivatives. Chemistry - A European Journal, 2020, 26, 316-325.	1.7	33
12	Photo-induced glycosylation using a diaryldisulfide as an organo-Lewis photoacid catalyst. Organic and Biomolecular Chemistry, 2020, 18, 851-855.	1.5	11
13	Electrochemical Properties and Excited-State Dynamics of Azaperylene Derivatives. Journal of Physical Chemistry B, 2020, 124, 9921-9930.	1.2	13
14	Geometries and Terahertz Motions Driving Quintet Multiexcitons and Ultimate Tripletâ€“Triplet Dissociations via the Intramolecular Singlet Fissions. Journal of Physical Chemistry B, 2020, 124, 9411-9419.	1.2	26
15	Efficient Near-Infrared Light-Driven Hydrogen Evolution Catalyzed by a Saddle-Distorted Porphyrin as a Photocatalyst. ACS Applied Energy Materials, 2020, 3, 3193-3197.	2.5	16
16	Excimer Formation of Aryl Iodides Chemisorbed on Gold Nanoparticles for the Significant Enhancement of Photoluminescence. Journal of Physical Chemistry Letters, 2020, 11, 1199-1203.	2.1	8
17	Room-Temperature Pentacene Fluids: Oligoethylene Glycol Substituent-Controlled Morphologies and Singlet Fission. Journal of Physical Chemistry B, 2020, 124, 11910-11918.	1.2	2
18	Efficient Singlet Fission in Acene-Based Molecular Assemblies. , 2020, , 275-285.		0

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19	Structural Control of Fluorescent Helicates for Improved Circularly Polarized Luminescence Properties. , 2020, , 99-116.		1
20	Controlled Orientations of Neighboring Tetracene Units by Mixed Self-Assembled Monolayers on Gold Nanoclusters for High-Yield and Long-Lived Triplet Excited States through Singlet Fission. Journal of the American Chemical Society, 2019, 141, 14720-14727.	6.6	30
21	A Diprotonated Porphyrin as an Electron Mediator in Photoinduced Electron Transfer in Hydrogen-Bonded Supramolecular Assemblies. Journal of Physical Chemistry C, 2019, 123, 11529-11538.	1.5	6
22	Efficient photocatalytic proton-coupled electron-transfer reduction of O₂ using a saddle-distorted porphyrin as a photocatalyst. Chemical Communications, 2019, 55, 4925-4928.	2.2	13
23	A Pentaceneâ€based Nanotube Displaying Enriched Electrochemical and Photochemical Activities. Angewandte Chemie - International Edition, 2019, 58, 1115-1119.	7.2	23
24	Quantitative Sequential Photoenergy Conversion Process from Singlet Fission to Intermolecular Two-Electron Transfers Utilizing Tetracene Dimer. ACS Energy Letters, 2019, 4, 26-31.	8.8	32
25	Synthesis and Electrochemical and Photophysical Properties of Azaterrylene Derivatives. Chemistry - an Asian Journal, 2019, 14, 1754-1762.	1.7	5
26	A Pentaceneâ€based Nanotube Displaying Enriched Electrochemical and Photochemical Activities. Angewandte Chemie, 2019, 131, 1127-1131.	1.6	25
27	Concentration-dependent photophysical switching in mixed self-assembled monolayers of pentacene and perylenediimide on gold nanoclusters. Physical Chemistry Chemical Physics, 2018, 20, 8695-8706.	1.3	6
28	Synthesis and Photodynamics of Tetragermatetrathia[8]circulene. Organic Letters, 2018, 20, 304-307.	2.4	31
29	Inter- and Intramolecular Electron-Transfer Reduction Properties of Coronenediimide Derivatives via Photoinduced Processes. Journal of Physical Chemistry C, 2018, 122, 13333-13346.	1.5	8
30	Significant Enhancement of Absorption and Luminescence Dissymmetry Factors in the Far-Red Region: A Zinc(II) Homoleptic Helicate Formed by a Pair of Achiral Dipyrromethene Ligands. Chemistry - A European Journal, 2018, 24, 16889-16894.	1.7	40
31	Multiexciton Dynamics Depending on Intramolecular Orientations in Pentacene Dimers: Recombination and Dissociation of Correlated Triplet Pairs. Journal of Physical Chemistry Letters, 2018, 9, 3354-3360.	2.1	73
32	Highâ€Yield Generation of Triplet Excited States by an Efficient Sequential Photoinduced Process from Energy Transfer to Singlet Fission in Pentaceneâ€Modified CdSe/ZnS Quantum Dots. Chemistry - A European Journal, 2018, 24, 17062-17071.	1.7	13
33	Synthesis, Structural and Photophysical Properties of Pentacene Alkanethiolate Monolayer-Protected Gold Nanoclusters and Nanorods: Supramolecular Intercalation and Photoinduced Electron Transfer with C₆₀. Journal of Physical Chemistry C, 2017, 121, 9043-9052.	1.5	8
34	Synthesis of Tetrasilatetrathia[8]circulenes by a Fourfold Intramolecular Dehydrogenative Silylation of Câˆ’H Bonds. Chemistry - A European Journal, 2017, 23, 6948-6952.	1.7	28
35	The effect of a highly twisted Cî€C double bond on the electronic structures of 9,9â€²-bifluorenylidene derivatives in the ground and excited states. Organic Chemistry Frontiers, 2017, 4, 650-657.	2.3	26
36	Control of the electrochemical and photophysical properties of N-substituted benzo[ghi]perylene derivatives. Materials Chemistry Frontiers, 2017, 1, 2299-2308.	3.2	14

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37	Controllable Electronic Structures and Photoinduced Processes of Bayâ€Linked Perylenediimide Dimers and a Ferroceneâ€Linked Triad. Chemistry - A European Journal, 2016, 22, 9631-9641.	1.7	20
38	Photoinduced Processes of Supramolecular Nanoarrays Composed of Porphyrin and Benzo[ghi]perylenetriimide Units through Triple Hydrogen Bonds with Oneâ€Dimensional Columnar Phases. Chemistry - an Asian Journal, 2016, 11, 613-624.	1.7	9
39	Highâ€Yield Excited Triplet States in Pentacene Selfâ€Assembled Monolayers on Gold Nanoparticles through Singlet Exciton Fission. Angewandte Chemie - International Edition, 2016, 55, 5230-5234.	7.2	35
40	Siloxy Group-Induced Highly Efficient Room Temperature Phosphorescence with Long Lifetime. Journal of Physical Chemistry C, 2016, 120, 11631-11639.	1.5	95
41	Highâ€Yield Excited Triplet States in Pentacene Selfâ€Assembled Monolayers on Gold Nanoparticles through Singlet Exciton Fission. Angewandte Chemie, 2016, 128, 5316-5320.	1.6	14
42	Protonation-induced red-coloured circularly polarized luminescence of [5]carbohelicene fused by benzimidazole. Organic and Biomolecular Chemistry, 2016, 14, 6738-6743.	1.5	39
43	Controlled Excited-State Dynamics and Enhanced Fluorescence Property of Tetrasulfone[9]helicene by a Simple Synthetic Process. Journal of Physical Chemistry C, 2016, 120, 7421-7427.	1.5	55
44	Synthetic Control of the Excitedâ€State Dynamics and Circularly Polarized Luminescence of Fluorescent â€œPushâ€“Pullâ€•Tetrathia[9]helicenes. Chemistry - A European Journal, 2016, 22, 4263-4273.	1.7	83
45	Synthetic Control of Photophysical Process and Circularly Polarized Luminescence of [5]Carbohelicene Derivatives Substituted by Maleimide Units. Journal of Physical Chemistry C, 2016, 120, 7860-7869.	1.5	63
46	Control of local structures and photophysical properties of zinc porphyrin-based supramolecular assemblies structurally organized by regioselective ligand coordination. Physical Chemistry Chemical Physics, 2016, 18, 5453-5463.	1.3	15
47	Long-Lived Triplet Excited States of Bent-Shaped Pentacene Dimers by Intramolecular Singlet Fission. Journal of Physical Chemistry A, 2016, 120, 1867-1875.	1.1	133
48	Coronenetetraimideâ€Centered Cruciform Pentamers Containing Multiporphyrin Units: Synthesis and Sequential Photoinduced Energyâ€•and Electronâ€Transfer Dynamics. Chemistry - A European Journal, 2015, 21, 11196-11205.	1.7	15
49	Broadband Light Harvesting and Fast Charge Separation in Ordered Self-Assemblies of Electron Donorâ€“Acceptor-Functionalized Graphene Oxide Layers for Effective Solar Energy Conversion. Journal of Physical Chemistry C, 2015, 119, 13488-13495.	1.5	17
50	Graphene oxideâ€“Li⁺@C₆₀ donorâ€“acceptor composites for photoenergy conversion. Physical Chemistry Chemical Physics, 2015, 17, 15732-15738.	1.3	10
51	Highly Fluorescent [7]Carbohelicene Fused by Asymmetric 1,2-Dialkyl-Substituted Quinoxaline for Circularly Polarized Luminescence and Electroluminescence. Journal of Physical Chemistry C, 2015, 119, 13937-13947.	1.5	101
52	Supramolecular Porphyrin Nanorods for Light Energy Conversion. , 2015, , 475-491.		2
53	Near-Infrared Photoelectrochemical Conversion via Photoinduced Charge Separation in Supramolecular Complexes of Anionic Phthalocyanines with Li+@C60. Journal of Physical Chemistry B, 2015, 119, 7690-7697.	1.2	17
54	Ultrafast photoinduced electron transfer in face-to-face charge-transfer Ï€-complexes of planar porphyrins and hexaazatriphenylene derivatives. Chemical Science, 2015, 6, 1498-1509.	3.7	33

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55	Supramolecular photovoltaic cells utilizing inclusion complexes composed of Li⁺@C₆₀ and cyclic porphyrin dimer. Journal of Porphyrins and Phthalocyanines, 2015, 19, 242-250.	0.4	4
56	Photoelectrochemical properties of supramolecular composites of an anionic zinc chlorin and Li⁺@C₆₀ on SnO₂. Journal of Porphyrins and Phthalocyanines, 2014, 18, 982-990.	0.4	6
57	Formation of Oneâ€Dimensional Helical Columns and Excimerlike Excited States by Racemic Quinoxalineâ€Fused [7]Carbohelicenes in the Crystal. Chemistry - A European Journal, 2014, 20, 10099-10109.	1.7	27
58	Electron-Transfer Reduction Properties and Excited-State Dynamics of Benzo[ghi]peryleneimide and Coroneneimide Derivatives. Journal of Physical Chemistry C, 2014, 118, 7710-7720.	1.5	30
59	Systematic Control of the Excitedâ€State Dynamics and Carrierâ€Transport Properties of Functionalized Benzo[ghi]perylene and Coronene Derivatives. Chemistry - A European Journal, 2014, 20, 9081-9093.	1.7	22
60	Preparation and Photoelectrochemical Properties of Supramolecular Assemblies of Nanoscale Carbon Material Composites. ECS Journal of Solid State Science and Technology, 2013, 2, M3015-M3022.	0.9	5
61	Multi-color light-emitting transistors composed of organic single crystals. Organic Electronics, 2013, 14, 2737-2742.	1.4	25
62	Enhanced photoelectrochemical performance of composite photovoltaic cells of Li+@C60â€“sulphonated porphyrin supramolecular nanoclusters. Chemical Communications, 2013, 49, 4474.	2.2	45
63	Remarkable Enhancement of Photocatalytic Hydrogen Evolution Efficiency Utilizing An Internal Cavity of Supramolecular Porphyrin Hexagonal Nanocylinders Under Visible-Light Irradiation. Journal of Physical Chemistry C, 2013, 117, 4441-4449.	1.5	41
64	Porphyrin-Based Supramolecular Nanoarchitectures for Solar Energy Conversion. Journal of Physical Chemistry Letters, 2013, 4, 1771-1780.	2.1	101
65	Carbon Nanomaterialâ€“Based Molecular Architectures for Light Energy Conversion. World Scientific Series on Carbon Nanoscience, 2012, , 95-130.	0.1	1
66	Photo- and electro-functional self-assembled architectures of porphyrins. Physical Chemistry Chemical Physics, 2012, 14, 15975.	1.3	62
67	Preparation and structural control of metal coordination-assisted supramolecular architectures of porphyrins. Nanocubes to microrods. Chemical Communications, 2012, 48, 4441.	2.2	22
68	Zinc Phthalocyanineâ€“Graphene Hybrid Material for Energy Conversion: Synthesis, Characterization, Photophysics, and Photoelectrochemical Cell Preparation. Journal of Physical Chemistry C, 2012, 116, 20564-20573.	1.5	110
69	Carbon Nanohornâ€“Porphyrin Dimer Hybrid Material for Enhancing Light-Energy Conversion. Journal of Physical Chemistry C, 2012, 116, 9439-9449.	1.5	52
70	Self-Assembled Composite Materials of Porphyrins for Optoelectronics. , 2012, , 499-536.		1
71	Porphyrin hexamer with a triphenylene core unit: Spectroscopy, electrochemistry and controllable supramolecular formation. Journal of Porphyrins and Phthalocyanines, 2011, 15, 639-651.	0.4	4
72	Sequential Charge Separation in Two Axially Linked Phenothiazineâˆ’Aluminum(III) Porphyrinâˆ’Fullerene Triads. Journal of Physical Chemistry A, 2011, 115, 709-717.	1.1	47

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73	Graphene oxide with covalently linked porphyrin antennae: Synthesis, characterization and photophysical properties. Journal of Materials Chemistry, 2011, 21, 109-117.	6.7	232
74	Photoinduced processes of the supramolecularly functionalized semi-conductive SWCNTs with porphyrinsvia ion-pairing interactions. Energy and Environmental Science, 2011, 4, 707-716.	15.6	43
75	Diameterâ€Sorted SWCNTâ€"Porphyrin and SWCNTâ€"Phthalocyanine Conjugates for Lightâ€Energy Harvesting. ChemPhysChem, 2011, 12, 2266-2273.	1.0	48
76	Solid surface free energy analysis using inkjet droplets. Materials Research Society Symposia Proceedings, 2011, 1360, 151001.	0.1	0
77	Molecular nanoarchitectures composed of porphyrins and carbon nanomaterials for light energy conversion. Journal of Porphyrins and Phthalocyanines, 2011, 15, 301-311.	0.4	16
78	Sensitive Efficiency of Photoinduced Electron Transfer to Band Gaps of Semiconductive Single-Walled Carbon Nanotubes with Supramolecularly Attached Zinc Porphyrin Bearing Pyrene Glues. Journal of the American Chemical Society, 2010, 132, 8158-8164.	6.6	109
79	Implementation of redox gradients in hydrogen bonded complexes containing N,N-dimethylaniline, flavin and fullerene derivatives. Journal of Materials Chemistry, 2010, 20, 1457-1466.	6.7	20
80	A Carbon Nanohornï£¿Porphyrin Supramolecular Assembly for Photoinduced Electronâ€Transfer Processes. Chemistry - A European Journal, 2010, 16, 10752-10763.	1.7	45
81	Supramolecular Structures and Photoelectronic Properties of the Inclusion Complex of a Cyclic Freeâ€Base Porphyrin Dimer and C₆₀. Chemistry - A European Journal, 2010, 16, 11611-11623.	1.7	79
82	Photochemical Charge Separation in Supramolecular Phthalocyanineâˆ'Multifullerene Conjugates Assembled by Crown Ether-Alkyl Ammonium Cation Interactions. Journal of Physical Chemistry A, 2010, 114, 10951-10959.	1.1	46
83	Supramolecular nanoarchitectures for light energy conversion. Physical Chemistry Chemical Physics, 2010, 12, 44-57.	1.3	194
84	Photoinduced Charge Separation in a Ferroceneâˆ'Aluminum(III) Porphyrinâˆ'Fullerene Supramolecular Triad. Journal of Physical Chemistry B, 2010, 114, 14348-14357.	1.2	64
85	Synthesis and aggregate formation of triphenylene core-centered porphyrin hexamers. Chemical Communications, 2010, 46, 889-891.	2.2	18
86	Diameter dependent electron transfer in supramolecular nanohybrids of (6,5)- or (7,6)-enriched semiconducting SWCNT as donors and fullerene as acceptor. Chemical Communications, 2010, 46, 8749.	2.2	36
87	Preparation and Photophysical and Photoelectrochemical Properties of Supramolecular Porphyrin Nanorods Structurally Controlled by Encapsulated Fullerene Derivatives. Journal of Physical Chemistry C, 2009, 113, 18369-18378.	1.5	47
88	Photoinduced electron transfer in aqueous carbon nanotube/block copolymer/CdS hybrids: application in the construction of photoelectrochemical cells. Journal of Materials Chemistry, 2009, 19, 8990.	6.7	38
89	Fullerene-encapsulated porphyrin hexagonal nanorods. An anisotropic donorâ€"acceptor composite for efficient photoinduced electron transfer and light energy conversion. Chemical Communications, 2008, , 3372.	2.2	84
90	Characterization and Photoelectrochemical Properties of Nanostructured Thin Film Composed of Carbon Nanohorns Covalently Functionalized with Porphyrins. Journal of Physical Chemistry C, 2008, 112, 15735-15741.	1.5	52

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91	Photoconductivity of Porphyrin Nanochannels Composed of Diprotonated Porphyrin Dications with Saddle Distortion and Electron Donors. Chemistry of Materials, 2008, 20, 7492-7500.	3.2	46
92	Structural and Photophysical Properties of Self-Assembled Porphyrin Nanoassemblies Organized by Ethylene Glycol Derivatives. Journal of Physical Chemistry C, 2008, 112, 19209-19216.	1.5	46
93	Sonication-assisted supramolecular nanorods of meso-diaryl-substituted porphyrins. Chemical Communications, 2008, , 724.	2.2	70
94	Fullerene-Based Supramolecular Nanoclusters with Poly[2-methoxy-5-(2'-ethylhexyloxy)-p-phenylenevinylene] for Light Energy Conversion. Japanese Journal of Applied Physics, 2008, 47, 1223.	0.8	18
95	Controlling Open-Circuit Voltage of Organic Photovoltaic Cells by Inserting Thin Layer of Znâ€"Phthalocyanine at Pentacene/C60Interface. Japanese Journal of Applied Physics, 2008, 47, 1234-1237.	0.8	18
96	Control of open-circuit voltage in organic photovoltaic cells by inserting an ultrathin metal-phthalocyanine layer. Applied Physics Letters, 2007, 91, .	1.5	67
97	Organic solar cells. Supramolecular composites of porphyrins and fullerenes organized by polypeptide structures as light harvesters. Journal of Materials Chemistry, 2007, 17, 4160.	6.7	153
98	Porphyrin-Based Molecular Architectures for Light Energy Conversion. Molecular Crystals and Liquid Crystals, 2007, 471, 39-51.	0.4	17
99	Photoelectrochemistry of Stacked-Cup Carbon Nanotube Films. Tube-Length Dependence and Charge Transfer with Excited Porphyrin. Journal of Physical Chemistry C, 2007, 111, 16626-16634.	1.5	43
100	Shape- and Functionality-Controlled Organization of TiO2â€"Porphyrinâ€"C60 Assemblies for Improved Performance of Photochemical Solar Cells. Chemistry - an Asian Journal, 2007, 2, 265-272.	1.7	36
101	Organized Assemblies of Single Wall Carbon Nanotubes and Porphyrin for Photochemical Solar Cells:Â Charge Injection from Excited Porphyrin into Single-Walled Carbon Nanotubesâ€. Journal of Physical Chemistry B, 2006, 110, 25477-25484.	1.2	180
102	Supramolecular nanostructured assemblies of different types of porphyrins with fullerene using TiO2 nanoparticles for light energy conversion. Tetrahedron, 2006, 62, 1937-1946.	1.0	67
103	Stacked-Cup Carbon Nanotubes for Photoelectrochemical Solar Cells. Angewandte Chemie - International Edition, 2006, 45, 755-759.	7.2	120
104	Organization of supramolecular assemblies of fullerene, porphyrin and fluorescein dye derivatives on TiO2 nanoparticles for light energy conversion. Chemical Physics, 2005, 319, 243-252.	0.9	43
105	Drastic Difference in Lifetimes of the Charge-Separated State of the Formanilideâˆ'Anthraquinone Dyad versus the Ferroceneâˆ'Formanilideâˆ'Anthraquinone Triad and Their Photoelectrochemical Properties of the Composite Films with Fullerene Clusters. Journal of Physical Chemistry A, 2005, 109, 4662-4670.	1.1	36
106	Enhancement of Light-Energy Conversion Efficiency by Multi-Porphyrin Arrays of Porphyrinâˆ'Peptide Oligomers with Fullerene Clusters. Journal of Physical Chemistry B, 2005, 109, 19-23.	1.2	175
107	Photovoltaic Cells Using Composite Nanoclusters of Porphyrins and Fullerenes with Gold Nanoparticles. Journal of the American Chemical Society, 2005, 127, 1216-1228.	6.6	454
108	Organization of supramolecular assembly of 9-mesityl-10-carboxymethylacridinium ion and fullerene clusters on TiO2 nanoparticles for light energy conversion. Journal of Materials Chemistry, 2005, 15, 372.	6.7	35

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109	Ordered Assembly of Protonated Porphyrin Driven by Single-Wall Carbon Nanotubes. J- and H-Aggregates to Nanorods. Journal of the American Chemical Society, 2005, 127, 11884-11885.	6.6	190
110	Porphyrin and fullerene-based artificial photosynthetic materials for photovoltaics. Thin Solid Films, 2004, 451-452, 580-588.	0.8	33
111	Supramolecular Photovoltaic Cells Using Porphyrin Dendrimers and Fullerene. Advanced Materials, 2004, 16, 975-979.	11.1	150
112	Photoelectrochemical Properties of Supramolecular Composite of Fullerene Nanoclusters and 9-Mesityl-10-carboxymethylacridinium Ion on SnO2. Organic Letters, 2004, 6, 3103-3106.	2.4	43
113	Enhanced Energy and Quantum Efficiencies of a Nanocrystalline Photoelectrochemical Cell Sensitized with a Donorâˆ'Acceptor Dyad Derived from Fluorescein. Journal of Physical Chemistry B, 2004, 108, 15200-15205.	1.2	37
114	Ï€-Complex formation in electron-transfer reactions of porphyrins. Journal of Porphyrins and Phthalocyanines, 2004, 08, 191-200.	0.4	11
115	Supramolecular Photovoltaic Cells Based on Composite Molecular Nanoclusters:Â Dendritic Porphyrin and C60, Porphyrin Dimer and C60, and Porphyrinâˆ'C60Dyad. Journal of Physical Chemistry B, 2004, 108, 12865-12872.	1.2	153
116	Enhancement of Light Harvesting and Photocurrent Generation by ITO Electrodes Modified with meso,meso-Linked Porphyrin Oligomers. Nano Letters, 2003, 3, 409-412.	4.5	57
117	Light Energy Conversion Using Mixed Molecular Nanoclusters. Porphyrin and C60Cluster Films for Efficient Photocurrent Generation. Journal of Physical Chemistry B, 2003, 107, 12105-12112.	1.2	143
118	Quaternary Self-Organization of Porphyrin and Fullerene Units by Clusterization with Gold Nanoparticles on SnO2Electrodes for Organic Solar Cells. Journal of the American Chemical Society, 2003, 125, 14962-14963.	6.6	173
119	Nanostructured assembly of porphyrin clusters for light energy conversion. Journal of Materials Chemistry, 2003, 13, 2515.	6.7	67
120	Structure and photoelectrochemical properties of ITO electrodes modified with self-assembled monolayers of meso, meso-linked porphyrin oligomers. Journal of Porphyrins and Phthalocyanines, 2003, 07, 296-312.	0.4	20
121	Fast self-exchange electron transfer and delocalization of unpaired electron between zinc porphyrin radical cations and zinc porphyrins. Journal of Porphyrins and Phthalocyanines, 2003, 07, 328-336.	0.4	12
122	Large Photocurrent Generation of Gold Electrodes Modified with [60]Fullerene-Linked Oligothiophenes Bearing a Tripodal Rigid Anchor. Journal of the American Chemical Society, 2002, 124, 532-533.	6.6	168
123	Linkage Dependent Charge Separation and Charge Recombination in Porphyrin-Pyromellitimide-Fullerene Triads. Journal of Physical Chemistry A, 2002, 106, 2803-2814.	1.1	43
124	Concentration Effects of Porphyrin Monolayers on the Structure and Photoelectrochemical Properties of Mixed Self-Assembled Monolayers of Porphyrin and Alkanethiol on Gold Electrodes. Langmuir, 2001, 17, 4925-4931.	1.6	58
125	Spectroscopy and Photocurrent Generation in Nanostructured Thin Films of Porphyrinâ€"Fullerene Dyad Clusters. Chemistry Letters, 2001, 30, 784-785.	0.7	39
126	Tetraaryldiborane(4) Can Emit Dual Fluorescence Responding to the Structural Change around the Bâ€"B Bond. Angewandte Chemie, 0, , .	1.6	0

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127	Ultrafast Singlet Fission and Efficient Carrier Transport in a Lamellar Assembly of Bis[(trialkoxyphenyl)ethynyl]pentacene. Journal of Physical Chemistry C, 0, , .	1.5	1