

# Atsuya Muranaka

## List of Publications by Year in Descending Order

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

136  
papers

3,233  
citations

29  
h-index

49  
g-index

157  
ext. papers

3,677  
ext. citations

7.9  
avg, IF

5.04  
L-index

#	Paper	IF	Citations
136	Orbital-resolved visualization of single-molecule photocurrent channels.. <i>Nature</i> , <b>2022</b> , 603, 829-834	50.4	6
135	Synthesis of a Mechanically Planar Chiral and Axially Chiral [2]Rotaxane. <i>Organic Letters</i> , <b>2021</b> , 23, 8678-8682	8.2	1
134	Development of Phthalocyanine-Based Functional Molecules with Tunable Optical and Chiroptical Properties. <i>Bulletin of the Chemical Society of Japan</i> , <b>2021</b> , 94, 872-878	5.1	2
133	Rhodium-Catalyzed Enantioselective Synthesis, Structures, and Properties of Single and Double Azahelicene-Like Molecules. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 9313-9319	4.8	3
132	Chemical Identification and Bond Control of $\pi$ Skeletons in a Coupling Reaction. <i>Journal of the American Chemical Society</i> , <b>2021</b> , 143, 9461-9467	16.4	9
131	Single-molecule laser nanospectroscopy with micro-electron volt energy resolution. <i>Science</i> , <b>2021</b> , 373, 95-98	33.3	21
130	Asymmetric synthesis, structures, and chiroptical properties of helical cycloparaphenylenes. <i>Chemical Science</i> , <b>2021</b> , 12, 7858-7865	9.4	8
129	A Chiral [3]Rotaxane Comprising Achiral Bis-macrocylic and Dumbbell-Shaped Components. <i>Organic Letters</i> , <b>2021</b> , 23, 2120-2124	6.2	4
128	Polymer-Supported-Cobalt-Catalyzed Regioselective Cyclotrimerization of Aryl Alkynes. <i>Jacs Au</i> , <b>2021</b> , 1, 2080-2087		2
127	A structural parameter to link molecular geometry to macroscopic orientation in discotic liquid crystals: study of metalloporphyrin tapes. <i>Chemical Communications</i> , <b>2021</b> , 57, 1206-1209	5.8	1
126	-Non-flat substituents: a novel molecular design to improve aqueous solubility in small molecule drug discovery. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 446-456	3.9	5
125	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene-within-an-Annulene Models. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> ,	16.4	1
124	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 11113-11120	3.6	9
123	Enantioselective Synthesis of Planar Chiral Zigzag-Type Cyclophenylene Belts by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 9834-9842	16.4	19
122	Cubane Chirality via Substitution of a "Hidden" Regular Tetrahedron. <i>Organic Letters</i> , <b>2020</b> , 22, 4083-4087	7.2	5
121	Near-Infrared-III-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 16161-16166	16.4	7
120	Near-Infrared-III-Absorbing and -Emitting Dyes: Energy-Gap Engineering of Expanded Porphyrinoids via Metallation. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 16295-16300	3.6	1

119	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> , <b>2020</b> , 142, 6807-6813	16.4	17
118	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 11020-11027	16.4	24
117	Preparation, Spectroscopic Characterization and Theoretical Study of a Three-Dimensional Conjugated 70 $\pi$ -Electron Thiophene 6-mer Radical Cation Dimer. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 5933-5937	16.4	10
116	A Direct S $\rightarrow$ $\pi^*$ Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 6847-6852	16.4	21
115	Helicenes Fused with Hexafluorocyclopentene (HFCP): Synthesis, Structure, and Properties. <i>European Journal of Organic Chemistry</i> , <b>2020</b> , 2020, 1871-1880	3.2	4
114	A Direct S $\rightarrow$ $\pi^*$ Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 6914-6919	3.6	5
113	Ring-Opened Hemiporphyrazines: Helical Molecules Exhibiting Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 1768-1771	4.8	7
112	A remarkably air-stable quinodimethane radical cation. <i>Chemical Communications</i> , <b>2020</b> , 56, 9565-9568	5.8	4
111	1-Phosphino-1,3-butadiene Derivatives Incorporated with Dibenzobarrelene Skeleton: Synthesis and Photophysical Properties. <i>Bulletin of the Chemical Society of Japan</i> , <b>2020</b> , 93, 1430-1442	5.1	2
110	Nucleophilic Diboration Strategy Targeting Diversified 1-Boraphenarene Architectures. <i>Angewandte Chemie - International Edition</i> , <b>2020</b> , 59, 21448-21453	16.4	9
109	Super-chiral vibrational spectroscopy with metasurfaces for high-sensitive identification of alanine enantiomers. <i>Applied Physics Letters</i> , <b>2020</b> , 117, 101103	3.4	8
108	Nucleophilic Diboration Strategy Targeting Diversified 1-Boraphenarene Architectures. <i>Angewandte Chemie</i> , <b>2020</b> , 132, 21632-21637	3.6	3
107	Quadruple Borylation of Terminal Alkynes. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 9819-9827	16.4	15
106	Efficient Synthesis, Structural Characterization, and Optical Properties of 6H-Dibenzo[b,h]carbazole and Its Derivatives. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 3788-3793	3.2	2
105	Organocopper cross-coupling reaction for C-C bond formation on highly sterically hindered structures. <i>Chemical Science</i> , <b>2019</b> , 10, 6107-6112	9.4	10
104	Organic Monolithic Natural Hyperbolic Material. <i>ACS Photonics</i> , <b>2019</b> , 6, 1681-1689	6.3	14
103	Alkynylboration Reaction Leading to Boron-Containing $\pi$ -Extended cis-Stilbenes as a Highly Tunable Fluorophore. <i>Organic Letters</i> , <b>2019</b> , 21, 3392-3395	6.2	17
102	Design of Photostable, Activatable Near-Infrared Photoacoustic Probes Using Tautomeric Benzophthalocyanine as a Platform. <i>Angewandte Chemie</i> , <b>2019</b> , 131, 7870-7873	3.6	3

101	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylation-Inhibitory Activity. <i>Chemistry - A European Journal</i> , <b>2019</b> , 25, 8387-8392	4.8	2
100	Design of Photostable, Activatable Near-Infrared Photoacoustic Probes Using Tautomeric Benzophthalocyanine as a Platform. <i>Angewandte Chemie - International Edition</i> , <b>2019</b> , 58, 7788-7791	16.4	26
99	Synthesis of Belt- and Möbius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 14955-14960	16.4	40
98	Aromatic butenolides produced by a soil ascomycete <i>Auxarthron</i> sp. KCB15F070 derived from a volcanic island. <i>Tetrahedron Letters</i> , <b>2019</b> , 60, 151227	2	1
97	One-pot Annulation for Biaryl-fused Monocarba-closo-dodecaborate through Aromatic B-H Bond Disconnection. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 913-917	4.5	10
96	N-Alkynylpyridinium Salts: Highly Electrophilic Alkyne-Pyridine Conjugates as Precursors of Cationic Nitrogen-Embedded Polycyclic Aromatic Hydrocarbons. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 3858-3862	16.4	18
95	Cross-coupling polycondensation via C-O or C-N bond cleavage. <i>Nature Communications</i> , <b>2018</b> , 9, 1587	17.4	27
94	Dumbbell- and Clackers-Shaped Dimeric Derivatives of Monocarba-closo-dodecaborate. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 1517-1520	3.6	5
93	Synthesis of a Chiral [2]Rotaxane: Induction of a Helical Structure through Double Threading. <i>Organic Letters</i> , <b>2018</b> , 20, 4745-4748	6.2	10
92	Arylation Reactions of Monocarba-closo-Dodecaborate at the Boron Vertices. <i>Heterocycles</i> , <b>2018</b> , 97, 931	0.8	
91	"Dumbbell"- and "Clackers"-Shaped Dimeric Derivatives of Monocarba-closo-dodecaborate. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 1501-1504	16.4	11
90	Stable Thiele's Hydrocarbon Derivatives Exhibiting Near-Infrared Absorption/Emission and Two-Step Electrochromism. <i>Journal of the American Chemical Society</i> , <b>2018</b> , 140, 17857-17861	16.4	18
89	Near-Infrared Fluorescence from In-Plane-Aromatic Cycloparaphenylene Dications. <i>Journal of Physical Chemistry A</i> , <b>2018</b> , 122, 5162-5167	2.8	10
88	"Naked" Lithium Cation: Strongly Activated Metal Cations Facilitated by Carborane Anions. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 1931-1935	4.2	29
87	Unexpected formation of benzophthalocyanine dimer: An easily synthesizable dimer of phthalocyanine analogue. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2267-2271	2	7
86	Effects of N-Oxidation on Heteroaromatic Macrocycles: Synthesis, Electronic Structures, Spectral Properties, and Reactivities of Tetraazaporphyrin meso-N-Oxides. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 8309-8314	4.8	5
85	Naked d-orbital in a centrochiral Ni(II) complex as a catalyst for asymmetric [3+2] cycloaddition. <i>Nature Communications</i> , <b>2017</b> , 8, 14875	17.4	31
84	Synthesis and photophysical properties of novel benzophospholo[3,2-]indole derivatives. <i>Beilstein Journal of Organic Chemistry</i> , <b>2017</b> , 13, 2304-2309	2.5	7

83	Hitoyol A and B, Two Norsesquiterpenoids from the Basidiomycete <i>Coprinopsis cinerea</i> . <i>Organic Letters</i> , <b>2017</b> , 19, 4030-4033	6.2	13
82	Transition Metal-Free trans-Selective Alkynylboration of Alkynes. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 12358-12361	16.4	39
81	Water-tunable solvatochromic and nanoaggregate fluorescence: dual colour visualisation and quantification of trace water in tetrahydrofuran. <i>Physical Chemistry Chemical Physics</i> , <b>2017</b> , 19, 1209-1216	3.6	30
80	Reversibility of 3-Phenyl-2-oxindole Dimer Formation: Application to Construct Compounds with Two Distinct Vicinal All-Carbon Quaternary Centers. <i>Heterocycles</i> , <b>2017</b> , 95, 1030	0.8	14
79	Improvement in Aqueous Solubility of Retinoic Acid Receptor (RAR) Agonists by Bending the Molecular Structure. <i>Chemistry - an Asian Journal</i> , <b>2016</b> , 11, 2210-7	4.5	8
78	Fused-Fluoran Leuco Dyes with Large Color-Change Derived from Two-Step Equilibrium: iso-Aminobenzopyranoxanthenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 12046-12051	4.2	17
77	General synthesis, structure, and optical properties of benzothiophene-fused benzoheteroles containing Group 15 and 16 elements. <i>Tetrahedron</i> , <b>2016</b> , 72, 8085-8090	2.4	28
76	Reversible near-infrared/blue mechanofluorochromism of aminobenzopyranoxanthene. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 6436-9	16.4	130
75	Conformational and Optical Characteristics of Unidirectionally Twisted Binaphthyl-Bipyridyl Cyclic Dyads. <i>Organic Letters</i> , <b>2015</b> , 17, 4098-101	6.2	9
74	Conjugation between $\pi$ and $\sigma$ Aromaticity in 1-C-Arylated Monocarba-closo-dodecaborate Anions. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 15082-5	16.4	27
73	In-plane aromaticity in cycloparaphenylene dications: a magnetic circular dichroism and theoretical study. <i>Journal of the American Chemical Society</i> , <b>2015</b> , 137, 82-5	16.4	83
72	Synthesis and Structural Characterization of a Novel Organotellurium Compound: Dinaphtho[2,3-b;2'3'-d]tellurophene. <i>Heterocycles</i> , <b>2015</b> , 90, 121	0.8	1
71	Ambipolar organic field-effect transistors based on solution-processed single crystal microwires of a quinoidal oligothiophene derivative. <i>Chemical Communications</i> , <b>2015</b> , 51, 5836-9	5.8	24
70	18 $\pi$ Electron tautomeric benziphthalocyanine: a functional near-infrared dye with tunable aromaticity. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 7814-8	16.4	24
69	Influence of the grain orientation on the charge transport properties of organic field-effect transistors. <i>RSC Advances</i> , <b>2014</b> , 4, 36729-36737	3.7	10
68	Unraveling the electronic structure of azolehemiporphyrazines: direct spectroscopic observation of magnetic dipole allowed nature of the lowest $\pi$ transition of 20 $\pi$ electron porphyrinoids. <i>Journal of Physical Chemistry A</i> , <b>2014</b> , 118, 4415-24	2.8	15
67	18 $\pi$ Electron Tautomeric Benziphthalocyanine: A Functional Near-Infrared Dye with Tunable Aromaticity. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 7948-7952	3.6	8
66	Helical $\pi$ Systems of Bidipyrri $\pi$ Metal Complexes. <i>Chemistry Letters</i> , <b>2014</b> , 43, 1078-1080	1.7	6

65	Synthesis and properties of palladium(II) complexes of aromatic hemiporphyrazines. <i>Journal of Porphyrins and Phthalocyanines</i> , <b>2014</b> , 18, 869-874	1.8	7
64	Helicity Induction in Three $\pi$ -Conjugated Chromophores by Planar Chirality of Calixamide. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11853-7	4.8	22
63	Synthesis of porphyrinylamide and observation of N-methylation-induced trans $\rightarrow$ cis amide conformational alteration. <i>Tetrahedron</i> , <b>2013</b> , 69, 10927-10932	2.4	3
62	Explanation of the sign inversion in the magnetic circular dichroism of Möbius [28] hexaphyrin. <i>Chemical Physics Letters</i> , <b>2013</b> , 586, 148-152	2.5	3
61	Two double helical modes of bidipyrrin $\pi$ II complexes. <i>Chemical Science</i> , <b>2013</b> , 4, 1204	9.4	46
60	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,N'-bis(porphyrinyl)urea. <i>Chemical Communications</i> , <b>2013</b> , 49, 2290-2	5.8	22
59	Application of MCD spectroscopy and TD-DFT to endohedral metallofullerenes for characterization of their electronic transitions. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 3593-601	3.6	15
58	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. <i>Physical Chemistry Chemical Physics</i> , <b>2013</b> , 15, 2131-40	3.6	33
57	Ion-based materials derived from positively and negatively charged chloride complexes of $\pi$ -conjugated molecules. <i>Journal of the American Chemical Society</i> , <b>2013</b> , 135, 14797-805	16.4	58
56	Chiroptical control in helical receptor-anion complexes. <i>Organic Letters</i> , <b>2013</b> , 15, 6006-9	6.2	25
55	Chirality induction by formation of assembled structures based on anion-responsive $\pi$ -conjugated molecules. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 16263-71	4.8	23
54	Formation and geometrical control of polygon-like metal-coordination assemblies. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 11676-85	4.8	17
53	Formation of cyclic and polymeric structures from zwitterions. <i>Chemistry - A European Journal</i> , <b>2013</b> , 19, 6956-60	4.8	1
52	Rectangular-shaped expanded phthalocyanines with two central metal atoms. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 3411-8	16.4	38
51	Aluminepin: aluminum analogues of borepin and gallepin. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 729-324.2	20	
50	Photoinversion of cisoid/transoid binaphthyls. <i>Organic Letters</i> , <b>2012</b> , 14, 276-9	6.2	23
49	[18]/[20]hemiporphyrazine: a redox-switchable near-infrared dye. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 190-3	16.4	46
48	Asymmetric Induction in the Preparation of Helical Receptor $\pi$ Anion Complexes: Ion-Pair Formation with Chiral Cations. <i>Angewandte Chemie</i> , <b>2012</b> , 124, 8091-8095	3.6	25

47	Asymmetric induction in the preparation of helical receptor-anion complexes: ion-pair formation with chiral cations. <i>Angewandte Chemie - International Edition</i> , <b>2012</b> , 51, 7967-71	16.4	93
46	Fusion of photochromic reaction and synthetic reaction: photoassisted cyclization to highly strained chiral azobenzenophanes. <i>Organic Letters</i> , <b>2012</b> , 14, 3252-5	6.2	16
45	Electron- or hole-transporting nature selected by side-chain-directed $\pi$ -stacking geometry: liquid crystalline fused metalloporphyrin dimers. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 6537-40	16.4	73
44	Synthesis and Electronic Properties of an Azulene-fused Tribenzotetraazaporphyrin. <i>Chemistry Letters</i> , <b>2011</b> , 40, 714-716	1.7	2
43	Circular Dichroism and Magnetic Circular Dichroism Spectroscopy for Organic Chemists <b>2011</b> ,		6
42	Helical chirality of azobenzenes induced by an intramolecular chiral axis and potential as chiroptical switches. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1778-82	4.8	38
41	Planar chirality of twisted trans-azobenzene structure induced by chiral transfer from binaphthyls. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 7623-8	4.2	27
40	Azulenocyanine: a new family of phthalocyanines with intense near-IR absorption. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 7844-5	16.4	90
39	Cloning of a novel O-methyltransferase from <i>Camellia sinensis</i> and synthesis of o-methylated EGCG and evaluation of their bioactivity. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 7196-201	5.7	22
38	Synthesis, reactions, and electronic properties of 16 pi-electron octaisobutyltetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 12627-38	16.4	54
37	Regioselective silylzincation of phenylallene derivatives. <i>Chemistry - an Asian Journal</i> , <b>2010</b> , 5, 452-5	4.5	16
36	Reaction mechanism for the LiCl-mediated directed zinc insertion: a computational and experimental study. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 1780-4	4.8	24
35	Application of the perimeter model to the assignment of the electronic absorption spectra of gold(III) hexaphyrins with $[4n+2]$ and $[4n]$ pi-electron systems. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 3744-51	4.8	41
34	Theoretical study on the halogen-zinc exchange reaction by using organozincate compounds. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 5686-94	4.8	15
33	Optically active oxo(phthalocyaninato)vanadium(IV) with geometric asymmetry: synthesis and correlation between the circular dichroism sign and conformation. <i>Chemistry - A European Journal</i> , <b>2009</b> , 15, 10173-81	4.8	23
32	Synthesis and chiral discrimination of cyclic aromatic amides and the determination of their absolute configuration by TD-DFT calculations. <i>Tetrahedron: Asymmetry</i> , <b>2009</b> , 20, 2646-2650		17
31	Effect of periodic replacement of the heteroatom on the spectroscopic properties of indole and benzofuran derivatives. <i>Journal of Physical Chemistry A</i> , <b>2009</b> , 113, 464-73	2.8	28
30	Identification of absolute helical structures of aromatic multilayered oligo(m-phenylurea)s in solution. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 8154-63	4.2	41

29	Mixed (phthalocyaninato)(porphyrinato) rare earth double-decker complexes with C <sub>4</sub> chirality: synthesis, resolution, and absolute configuration assignment. <i>Inorganic Chemistry</i> , <b>2009</b> , 48, 8925-33	5.1	34
28	Unambiguous identification of M <sub>B</sub> ius aromaticity for meso-aryl-substituted [2.2]hexaphyrins(1.1.1.1.1.1). <i>Journal of the American Chemical Society</i> , <b>2008</b> , 130, 13568-79	16.4	214
27	Optical resolution, absolute configuration, and chiroptical properties of three-layered [3.3]paracyclophane. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 9125-8	4.2	23
26	Optically active mixed phthalocyaninato-porphyrinato rare-earth double-decker complexes: synthesis, spectroscopy, and solvent-dependent molecular conformations. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 4667-74	4.8	47
25	"Conformational" solvatochromism: spatial discrimination of nonpolar solvents by using a supramolecular box of a pi-conjugated zinc bisporphyrin rotamer. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5153-6	16.4	49
24	Inside Cover: Conformational Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Conjugated Zinc Bisporphyrin Rotamer (Angew. Chem. Int. Ed. 28/2008). <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 5096-5096	16.4	
23	Conformational Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Conjugated Zinc Bisporphyrin Rotamer. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 5231-5234	3.6	20
22	Innentitelbild: Conformational Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Conjugated Zinc Bisporphyrin Rotamer (Angew. Chem. 28/2008). <i>Angewandte Chemie</i> , <b>2008</b> , 120, 5174-5174	3.6	
21	Detection of unusual HOMO. <i>Chemical Physics Letters</i> , <b>2008</b> , 460, 495-498	2.5	10
20	Synthesis and electronic structures of D <sub>2h</sub> -symmetry tetrabenzoporphyrins. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 1856-1859	2	2
19	Solid-phase synthesis of phthalocyanine and tetraazaporphyrin triangular prisms. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 5084-5086	2	5
18	anti-[2.2](1,4)Phthalocyaninophane: spectroscopic evidence for transannular interaction in the excited states. <i>Journal of the American Chemical Society</i> , <b>2007</b> , 129, 4516-7	16.4	37
17	Electronic Structures and Molecular Orbital Calculations of Oppositely Dinaphthalo- and Dianthracene-Substituted D <sub>2h</sub> Type Metal-Free Phthalocyanine Congeners. <i>Heterocycles</i> , <b>2007</b> , 74, 321	0.8	6
16	Spectroscopic and theoretical studies of optically active porphyrin dimers: a system uninterpretable by exciton coupling theory. <i>ChemPhysChem</i> , <b>2006</b> , 7, 1235-40	3.2	23
15	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> , <b>2006</b> , 128, 4119-27	16.4	205
14	Chiral recognition of apple procyanidins by complexation with oxotitanium phthalocyanine. <i>Organic Letters</i> , <b>2006</b> , 8, 2447-50	6.2	26
13	Oligomers of amino acid bearing non-planar amides form ordered structures. <i>Tetrahedron</i> , <b>2006</b> , 62, 11635-11644	2.4	29
12	High Precision Analysis of Conformational and Electronic Structures of Organic Molecules by CD and MCD Spectroscopy. <i>Yuki Gosei Kagaku Kyokaiishi/Journal of Synthetic Organic Chemistry</i> , <b>2006</b> , 64, 735-743	0.2	1



11	Chiral Bis-chlorin: enantiomer resolution and absolute configuration determination. <i>Organic Letters</i> , <b>2005</b> , 7, 1015-8	6.2	22
10	Definitive assignments of the visible-near-IR bands of porphyrin-naphthalocyanine rare-earth sandwich double- and triple-decker compounds by magnetic circular dichroism spectroscopy. <i>Inorganic Chemistry</i> , <b>2005</b> , 44, 3818-26	5.1	23
9	Helical structures of N-alkylated poly(p-benzamide)s. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 8553-61	16.4	125
8	Magnetic circular dichroism study of directly fused porphyrins. <i>ChemPhysChem</i> , <b>2005</b> , 6, 171-9	3.2	15
7	Rationalization of supramolecular chirality in a bisporphyrin system. <i>Angewandte Chemie - International Edition</i> , <b>2004</b> , 43, 5481-5	16.4	67
6	Rationalization of Supramolecular Chirality in a Bisporphyrin System. <i>Angewandte Chemie</i> , <b>2004</b> , 116, 5597-5601	3.6	12
5	Formation of silicon triazacorrole and tetrabenzotriazacorrole by the ring contraction of the corresponding tetraazaporphyrin ligands. <i>Tetrahedron Letters</i> , <b>2004</b> , 45, 1755-1758	2	24
4	Recognition of chiral catechols using oxo-titanium phthalocyanine. <i>Journal of the American Chemical Society</i> , <b>2004</b> , 126, 4596-604	16.4	46
3	The first phthalocyanine-based dimer formed by two pyridine-Pd-pyridine bridges. <i>Tetrahedron Letters</i> , <b>2001</b> , 42, 913-915	2	30
2	A mutually perpendicular phthalocyanine pentamer obtained by a one-step reaction. <i>Chemical Communications</i> , <b>2000</b> , 1855-1856	5.8	26
1	Symmetry-lowering of the phthalocyanine chromophore by a C2 type axial ligand. <i>Inorganic Chemistry</i> , <b>2000</b> , 39, 2256-7	5.1	36