

Atsuya Muranaka

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3949982/atsuya-muranaka-publications-by-citations.pdf>

Version: 2024-04-27

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.

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	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
135	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
134	Reversible near-infrared/blue mechanofluorochromism of aminobenzopyranoxanthene. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6436-9	16.4	130
133	Helical structures of N-alkylated poly(p-benzamide)s. <i>Journal of the American Chemical Society</i> , 2005 , 127, 8553-61	16.4	125
132	Asymmetric induction in the preparation of helical receptor-anion complexes: ion-pair formation with chiral cations. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7967-71	16.4	93
131	Azulenocyanine: a new family of phthalocyanines with intense near-IR absorption. <i>Journal of the American Chemical Society</i> , 2010 , 132, 7844-5	16.4	90
130	In-plane aromaticity in cycloparaphenylene dications: a magnetic circular dichroism and theoretical study. <i>Journal of the American Chemical Society</i> , 2015 , 137, 82-5	16.4	83
129	Electron- or hole-transporting nature selected by side-chain-directed π -stacking geometry: liquid crystalline fused metalloporphyrin dimers. <i>Journal of the American Chemical Society</i> , 2011 , 133, 6537-40	16.4	73
128	Rationalization of supramolecular chirality in a bisporphyrin system. <i>Angewandte Chemie - International Edition</i> , 2004 , 43, 5481-5	16.4	67
127	Ion-based materials derived from positively and negatively charged chloride complexes of π -conjugated molecules. <i>Journal of the American Chemical Society</i> , 2013 , 135, 14797-805	16.4	58
126	Synthesis, reactions, and electronic properties of 16 π -electron octaisobutyltetraphenylporphyrin. <i>Journal of the American Chemical Society</i> , 2010 , 132, 12627-38	16.4	54
125	"Conformational" solvatochromism: spatial discrimination of nonpolar solvents by using a supramolecular box of a π -conjugated zinc bisporphyrin rotamer. <i>Angewandte Chemie - International Edition</i> , 2008 , 47, 5153-6	16.4	49
124	Optically active mixed phthalocyaninato-porphyrinato rare-earth double-decker complexes: synthesis, spectroscopy, and solvent-dependent molecular conformations. <i>Chemistry - A European Journal</i> , 2008 , 14, 4667-74	4.8	47
123	Two double helical modes of bidipyrrin π -H ₂ O complexes. <i>Chemical Science</i> , 2013 , 4, 1204	9.4	46
122	[18]/[20]hemiporphyrazine: a redox-switchable near-infrared dye. <i>Journal of the American Chemical Society</i> , 2012 , 134, 190-3	16.4	46
121	Recognition of chiral catechols using oxo-titanium phthalocyanine. <i>Journal of the American Chemical Society</i> , 2004 , 126, 4596-604	16.4	46
120	Application of the perimeter model to the assignment of the electronic absorption spectra of gold(III) hexaphyrins with [4n+2] and [4n] π -electron systems. <i>Chemistry - A European Journal</i> , 2009 , 15, 3744-51	4.8	41

119	Identification of absolute helical structures of aromatic multilayered oligo(m-phenylurea)s in solution. <i>Journal of Organic Chemistry</i> , 2009 , 74, 8154-63	4.2	41
118	Synthesis of Belt- and M π Bius-Shaped Cycloparaphenylenes by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2019 , 141, 14955-14960	16.4	40
117	Transition Metal-Free trans-Selective Alkynylboration of Alkynes. <i>Journal of the American Chemical Society</i> , 2017 , 139, 12358-12361	16.4	39
116	Rectangular-shaped expanded phthalocyanines with two central metal atoms. <i>Journal of the American Chemical Society</i> , 2012 , 134, 3411-8	16.4	38
115	Helical chirality of azobenzenes induced by an intramolecular chiral axis and potential as chiroptical switches. <i>Chemistry - A European Journal</i> , 2011 , 17, 1778-82	4.8	38
114	anti-[2.2](1,4)Phthalocyaninophane: spectroscopic evidence for transannular interaction in the excited states. <i>Journal of the American Chemical Society</i> , 2007 , 129, 4516-7	16.4	37
113	Symmetry-lowering of the phthalocyanine chromophore by a C ₂ type axial ligand. <i>Inorganic Chemistry</i> , 2000 , 39, 2256-7	5.1	36
112	Mixed (phthalocyaninato)(porphyrinato) rare earth double-decker complexes with C ₄ chirality: synthesis, resolution, and absolute configuration assignment. <i>Inorganic Chemistry</i> , 2009 , 48, 8925-33	5.1	34
111	A red-emissive aminobenzopyrano-xanthene dye: elucidation of fluorescence emission mechanisms in solution and in the aggregate state. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 2131-40	3.6	33
110	Naked d-orbital in a centrochiral Ni(II) complex as a catalyst for asymmetric [3+2] cycloaddition. <i>Nature Communications</i> , 2017 , 8, 14875	17.4	31
109	Water-tunable solvatochromic and nanoaggregate fluorescence: dual colour visualisation and quantification of trace water in tetrahydrofuran. <i>Physical Chemistry Chemical Physics</i> , 2017 , 19, 1209-1216	3.6	30
108	The first phthalocyanine-based dimer formed by two pyridine-Pd-pyridine bridges. <i>Tetrahedron Letters</i> , 2001 , 42, 913-915	2	30
107	"Naked" Lithium Cation: Strongly Activated Metal Cations Facilitated by Carborane Anions. <i>Journal of Organic Chemistry</i> , 2017 , 82, 1931-1935	4.2	29
106	Oligomers of β -amino acid bearing non-planar amides form ordered structures. <i>Tetrahedron</i> , 2006 , 62, 11635-11644	2.4	29
105	General synthesis, structure, and optical properties of benzothiophene-fused benzoheteroles containing Group 15 and 16 elements. <i>Tetrahedron</i> , 2016 , 72, 8085-8090	2.4	28
104	Effect of periodic replacement of the heteroatom on the spectroscopic properties of indole and benzofuran derivatives. <i>Journal of Physical Chemistry A</i> , 2009 , 113, 464-73	2.8	28
103	Conjugation between π and σ Aromaticity in 1-C-Arylated Monocarba-closo-dodecaborate Anions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 15082-5	16.4	27
102	Cross-coupling polycondensation via C-O or C-N bond cleavage. <i>Nature Communications</i> , 2018 , 9, 1587	17.4	27

101	Planar chirality of twisted trans-azobenzene structure induced by chiral transfer from binaphthyls. <i>Journal of Organic Chemistry</i> , 2011 , 76, 7623-8	4.2	27
100	Design of Photostable, Activatable Near-Infrared Photoacoustic Probes Using Tautomeric Benzophthalocyanine as a Platform. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 7788-7791	16.4	26
99	Chiral recognition of apple procyanidins by complexation with oxotitanium phthalocyanine. <i>Organic Letters</i> , 2006 , 8, 2447-50	6.2	26
98	A mutually perpendicular phthalocyanine pentamer obtained by a one-step reaction. <i>Chemical Communications</i> , 2000 , 1855-1856	5.8	26
97	Asymmetric Induction in the Preparation of Helical Receptor-Anion Complexes: Ion-Pair Formation with Chiral Cations. <i>Angewandte Chemie</i> , 2012 , 124, 8091-8095	3.6	25
96	Chiroptical control in helical receptor-anion complexes. <i>Organic Letters</i> , 2013 , 15, 6006-9	6.2	25
95	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 11020-11027	16.4	24
94	18E Electron tautomeric benzophthalocyanine: a functional near-infrared dye with tunable aromaticity. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 7814-8	16.4	24
93	Ambipolar organic field-effect transistors based on solution-processed single crystal microwires of a quinoidal oligothiophene derivative. <i>Chemical Communications</i> , 2015 , 51, 5836-9	5.8	24
92	Reaction mechanism for the LiCl-mediated directed zinc insertion: a computational and experimental study. <i>Chemistry - A European Journal</i> , 2010 , 16, 1780-4	4.8	24
91	Formation of silicon triazacorrole and tetrabenzotriazacorrole by the ring contraction of the corresponding tetraazaporphyrin ligands. <i>Tetrahedron Letters</i> , 2004 , 45, 1755-1758	2	24
90	Photoinversion of cisoid/transoid binaphthyls. <i>Organic Letters</i> , 2012 , 14, 276-9	6.2	23
89	Chirality induction by formation of assembled structures based on anion-responsive E-conjugated molecules. <i>Chemistry - A European Journal</i> , 2013 , 19, 16263-71	4.8	23
88	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> , 2009 , 15, 10173-81	4.8	23
87	Optical resolution, absolute configuration, and chiroptical properties of three-layered [3.3]paracyclophane. <i>Journal of Organic Chemistry</i> , 2008 , 73, 9125-8	4.2	23
86	Spectroscopic and theoretical studies of optically active porphyrin dimers: a system uninterpretable by exciton coupling theory. <i>ChemPhysChem</i> , 2006 , 7, 1235-40	3.2	23
85	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> , 2005 , 44, 3818-26	5.1	23
84	Helicity Induction in Three E-Conjugated Chromophores by Planar Chirality of Calixamide. <i>Chemistry - A European Journal</i> , 2013 , 19, 11853-7	4.8	22

83	Unusual conformational preference of an aromatic secondary urea: solvent-dependent open-closed conformational switching of N,N'-bis(porphyrinyl)urea. <i>Chemical Communications</i> , 2013 , 49, 2290-2	5.8	22
82	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> , 2010 , 58, 7196-201	5.7	22
81	Chiral Bis-chlorin: enantiomer resolution and absolute configuration determination. <i>Organic Letters</i> , 2005 , 7, 1015-8	6.2	22
80	A Direct S _N 2 Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 6847-6852	16.4	21
79	Single-molecule laser nanospectroscopy with micro-electron volt energy resolution. <i>Science</i> , 2021 , 373, 95-98	33.3	21
78	Aluminepin: aluminum analogues of borepin and gallepin. <i>Journal of Organic Chemistry</i> , 2012 , 77, 729-324.2	4.2	20
77	Conformational Solvatochromism: Spatial Discrimination of Nonpolar Solvents by Using a Supramolecular Box of a Conjugated Zinc Bisporphyrin Rotamer. <i>Angewandte Chemie</i> , 2008 , 120, 5231-5234	3.6	20
76	Enantioselective Synthesis of Planar Chiral Zigzag-Type Cyclophenylene Belts by Rhodium-Catalyzed Alkyne Cyclotrimerization. <i>Journal of the American Chemical Society</i> , 2020 , 142, 9834-9842	16.4	19
75	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> , 2018 , 140, 3858-3862	16.4	18
74	Stable Thiele's Hydrocarbon Derivatives Exhibiting Near-Infrared Absorption/Emission and Two-Step Electrochromism. <i>Journal of the American Chemical Society</i> , 2018 , 140, 17857-17861	16.4	18
73	Alkynylboration Reaction Leading to Boron-Containing Extended cis-Stilbenes as a Highly Tunable Fluorophore. <i>Organic Letters</i> , 2019 , 21, 3392-3395	6.2	17
72	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
71	Fused-Fluoran Leuco Dyes with Large Color-Change Derived from Two-Step Equilibrium: iso-Aminobenzopyranoxanthenes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 12046-12051	4.2	17
70	Formation and geometrical control of polygon-like metal-coordination assemblies. <i>Chemistry - A European Journal</i> , 2013 , 19, 11676-85	4.8	17
69	Synthesis and chiral discrimination of cyclic aromatic amides and the determination of their absolute configuration by TD-DFT calculations. <i>Tetrahedron: Asymmetry</i> , 2009 , 20, 2646-2650		17
68	Fusion of photochromic reaction and synthetic reaction: photoassisted cyclization to highly strained chiral azobenzenophanes. <i>Organic Letters</i> , 2012 , 14, 3252-5	6.2	16
67	Regioselective silylzincation of phenylallene derivatives. <i>Chemistry - an Asian Journal</i> , 2010 , 5, 452-5	4.5	16
66	Quadruple Borylation of Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2019 , 141, 9819-9826	16.4	15

65	Unraveling the electronic structure of azolehemiporphyrines: direct spectroscopic observation of magnetic dipole allowed nature of the lowest π transition of 20 π -electron porphyrinoids. <i>Journal of Physical Chemistry A</i> , 2014 , 118, 4415-24	2.8	15
64	Application of MCD spectroscopy and TD-DFT to endohedral metallofullerenes for characterization of their electronic transitions. <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 3593-601	3.6	15
63	Theoretical study on the halogen-zinc exchange reaction by using organozincate compounds. <i>Chemistry - A European Journal</i> , 2009 , 15, 5686-94	4.8	15
62	Magnetic circular dichroism study of directly fused porphyrins. <i>ChemPhysChem</i> , 2005 , 6, 171-9	3.2	15
61	Organic Monolithic Natural Hyperbolic Material. <i>ACS Photonics</i> , 2019 , 6, 1681-1689	6.3	14
60	Reversibility of 3-Phenyl-2-oxindole Dimer Formation: Application to Construct Compounds with Two Distinct Vicinal All-Carbon Quaternary Centers. <i>Heterocycles</i> , 2017 , 95, 1030	0.8	14
59	Hitoyol A and B, Two Norsesquiterpenoids from the Basidiomycete <i>Coprinopsis cinerea</i> . <i>Organic Letters</i> , 2017 , 19, 4030-4033	6.2	13
58	Rationalization of Supramolecular Chirality in a Bisporphyrin System. <i>Angewandte Chemie</i> , 2004 , 116, 5597-5601	3.6	12
57	"Dumbbell"- and "Clackers"-Shaped Dimeric Derivatives of Monocarba-closo-dodecaborate. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 1501-1504	16.4	11
56	Organocopper cross-coupling reaction for C-C bond formation on highly sterically hindered structures. <i>Chemical Science</i> , 2019 , 10, 6107-6112	9.4	10
55	Preparation, Spectroscopic Characterization and Theoretical Study of a Three-Dimensional Conjugated 70 π -Electron Thiophene 6-mer Radical Cation π -Dimer. <i>Journal of the American Chemical Society</i> , 2020 , 142, 5933-5937	16.4	10
54	One-pot Annulation for Biaryl-fused Monocarba-closo-dodecaborate through Aromatic B-H Bond Disconnection. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 913-917	4.5	10
53	Synthesis of a Chiral [2]Rotaxane: Induction of a Helical Structure through Double Threading. <i>Organic Letters</i> , 2018 , 20, 4745-4748	6.2	10
52	Influence of the grain orientation on the charge transport properties of organic field-effect transistors. <i>RSC Advances</i> , 2014 , 4, 36729-36737	3.7	10
51	Detection of unusual π OMO. <i>Chemical Physics Letters</i> , 2008 , 460, 495-498	2.5	10
50	Near-Infrared Fluorescence from In-Plane-Aromatic Cycloparaphenylene Dications. <i>Journal of Physical Chemistry A</i> , 2018 , 122, 5162-5167	2.8	10
49	Conformational and Optical Characteristics of Unidirectionally Twisted Binaphthyl-Bipyridyl Cyclic Dyads. <i>Organic Letters</i> , 2015 , 17, 4098-101	6.2	9
48	Rhodium-Catalyzed Highly Diastereo- and Enantioselective Synthesis of a Configurationally Stable S-Shaped Double Helicene-Like Molecule. <i>Angewandte Chemie</i> , 2020 , 132, 11113-11120	3.6	9

47	Nucleophilic Diboration Strategy Targeting Diversified 1-Boraphenarene Architectures. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 21448-21453	16.4	9
46	Chemical Identification and Bond Control of π -Skeletons in a Coupling Reaction. <i>Journal of the American Chemical Society</i> , 2021 , 143, 9461-9467	16.4	9
45	Improvement in Aqueous Solubility of Retinoic Acid Receptor (RAR) Agonists by Bending the Molecular Structure. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2210-7	4.5	8
44	18 π -Electron Tautomeric Benzophthalocyanine: A Functional Near-Infrared Dye with Tunable Aromaticity. <i>Angewandte Chemie</i> , 2014 , 126, 7948-7952	3.6	8
43	Super-chiral vibrational spectroscopy with metasurfaces for high-sensitive identification of alanine enantiomers. <i>Applied Physics Letters</i> , 2020 , 117, 101103	3.4	8
42	Asymmetric synthesis, structures, and chiroptical properties of helical cycloparaphenylenes. <i>Chemical Science</i> , 2021 , 12, 7858-7865	9.4	8
41	Unexpected formation of benzophthalocyanine dimer: An easily synthesizable dimer of phthalocyanine analogue. <i>Tetrahedron Letters</i> , 2017 , 58, 2267-2271	2	7
40	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
39	Synthesis and photophysical properties of novel benzophospholo[3,2-]indole derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2017 , 13, 2304-2309	2.5	7
38	Synthesis and properties of palladium(II) complexes of aromatic hemiporphyrazines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2014 , 18, 869-874	1.8	7
37	Ring-Opened Hemiporphyrazines: Helical Molecules Exhibiting Circularly Polarized Luminescence. <i>Chemistry - A European Journal</i> , 2020 , 26, 1768-1771	4.8	7
36	Helical π -Systems of Bidipyrri π -Metal Complexes. <i>Chemistry Letters</i> , 2014 , 43, 1078-1080	1.7	6
35	Circular Dichroism and Magnetic Circular Dichroism Spectroscopy for Organic Chemists 2011 ,		6
34	Electronic Structures and Molecular Orbital Calculations of Oppositely Dinaphthalo- and Dianthracene-Substituted D _{2h} Type Metal-Free Phthalocyanine Congeners. <i>Heterocycles</i> , 2007 , 74, 321	0.8	6
33	Orbital-resolved visualization of single-molecule photocurrent channels.. <i>Nature</i> , 2022 , 603, 829-834	50.4	6
32	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> , 2017 , 23, 8309-8314	4.8	5
31	Cubane Chirality via Substitution of a "Hidden" Regular Tetrahedron. <i>Organic Letters</i> , 2020 , 22, 4083-4087	7.2	5
30	A Direct S ₀ - π Transition in the Photoreaction of Heavy-Atom-Containing Molecules. <i>Angewandte Chemie</i> , 2020 , 132, 6914-6919	3.6	5

29	Dumbbell- and Clacker-Shaped Dimeric Derivatives of Monocarba-closo-dodecaborate. <i>Angewandte Chemie</i> , 2018 , 130, 1517-1520	3.6	5
28	Solid-phase synthesis of phthalocyanine and tetraazaporphyrin triangular prisms. <i>Tetrahedron Letters</i> , 2008 , 49, 5084-5086	2	5
27	-Non-flat substituents: a novel molecular design to improve aqueous solubility in small molecule drug discovery. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 446-456	3.9	5
26	Helicenes Fused with Hexafluorocyclopentene (HFCP): Synthesis, Structure, and Properties. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 1871-1880	3.2	4
25	A remarkably air-stable quinodimethane radical cation. <i>Chemical Communications</i> , 2020 , 56, 9565-9568	5.8	4
24	A Chiral [3]Rotaxane Comprising Achiral Bis-macrocyclic and Dumbbell-Shaped Components. <i>Organic Letters</i> , 2021 , 23, 2120-2124	6.2	4
23	Design of Photostable, Activatable Near-Infrared Photoacoustic Probes Using Tautomeric Benzophthalocyanine as a Platform. <i>Angewandte Chemie</i> , 2019 , 131, 7870-7873	3.6	3
22	Synthesis of porphyrinylamide and observation of N-methylation-induced trans is amide conformational alteration. <i>Tetrahedron</i> , 2013 , 69, 10927-10932	2.4	3
21	Explanation of the sign inversion in the magnetic circular dichroism of Möbius [28] hexaphyrin. <i>Chemical Physics Letters</i> , 2013 , 586, 148-152	2.5	3
20	Nucleophilic Diboration Strategy Targeting Diversified 1-Boraphenarene Architectures. <i>Angewandte Chemie</i> , 2020 , 132, 21632-21637	3.6	3
19	Rhodium-Catalyzed Enantioselective Synthesis, Structures, and Properties of Single and Double Azahelicene-Like Molecules. <i>Chemistry - A European Journal</i> , 2021 , 27, 9313-9319	4.8	3
18	Efficient Synthesis, Structural Characterization, and Optical Properties of 6H-Dibenzo[b,h]carbazole and Its Derivatives. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3788-3793	3.2	2
17	Synthesis of All Stereoisomers of Monomeric Spectomycin A1/A2 and Evaluation of Their Protein SUMOylation-Inhibitory Activity. <i>Chemistry - A European Journal</i> , 2019 , 25, 8387-8392	4.8	2
16	Synthesis and Electronic Properties of an Azulene-fused Tribenzotetraazaporphyrin. <i>Chemistry Letters</i> , 2011 , 40, 714-716	1.7	2
15	Synthesis and electronic structures of D _{2h} -symmetry tetrabenzoporphyrins. <i>Tetrahedron Letters</i> , 2008 , 49, 1856-1859	2	2
14	1-Phosphino-1,3-butadiene Derivatives Incorporated with Dibenzo-barrelene Skeleton: Synthesis and Photophysical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2020 , 93, 1430-1442	5.1	2
13	Development of Phthalocyanine-Based Functional Molecules with Tunable Optical and Chiroptical Properties. <i>Bulletin of the Chemical Society of Japan</i> , 2021 , 94, 872-878	5.1	2
12	Polymer-Supported-Cobalt-Catalyzed Regioselective Cyclotrimerization of Aryl Alkynes. <i>Jacs Au</i> , 2021 , 1, 2080-2087		2

11	Synthesis and Structural Characterization of a Novel Organotellurium Compound: Dinaphtho[2,3-b;2'3'-d]tellurophene. <i>Heterocycles</i> , 2015 , 90, 121	0.8	1
10	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
9	Aromatic butenolides produced by a soil ascomycete <i>Auxarthron</i> sp. KCB15F070 derived from a volcanic island. <i>Tetrahedron Letters</i> , 2019 , 60, 151227	2	1
8	Formation of cyclic and polymeric structures from zwitterions. <i>Chemistry - A European Journal</i> , 2013 , 19, 6956-60	4.8	1
7	Synthesis of a Mechanically Planar Chiral and Axially Chiral [2]Rotaxane. <i>Organic Letters</i> , 2021 , 23, 8678-8682	0.8	1
6	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> , 2006 , 64, 735-743	0.2	1
5	A structural parameter to link molecular geometry to macroscopic orientation in discotic liquid crystals: study of metalloporphyrin tapes. <i>Chemical Communications</i> , 2021 , 57, 1206-1209	5.8	1
4	Dianion and Dication of Tetracyclopentatetraphenylene as Decoupled Annulene-within-an-Annulene Models. <i>Angewandte Chemie - International Edition</i> , 2021 ,	16.4	1
3	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> , 2008 , 47, 5096-5096	16.4	
2	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> , 2008 , 120, 5174-5174	3.6	
1	Arylation Reactions of Monocarpa-closo-Dodecaborate at the Boron Vertices. <i>Heterocycles</i> , 2018 , 97, 931	0.8	