

Atsushi Ikeda

List of Publications by Year in descending order

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8,156
citations

46918

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docs citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Novel Cavity Design Using Calix[n]arene Skeletons: Toward Molecular Recognition and Metal Binding. <i>Chemical Reviews</i> , 1997, 97, 1713-1734.	23.0	1,294
2	Current states and future views in photodynamic therapy. <i>Journal of Photochemistry and Photobiology C: Photochemistry Reviews</i> , 2011, 12, 46-67.	5.6	457
3	On the Origin of High Ionophoricity of 1,3-Alternate Calix[4]arenes: π -donor Participation in Complexation of Cations and Evidence for Metal-Tunneling through the Calix[4]arene Cavity. <i>Journal of the American Chemical Society</i> , 1994, 116, 3102-3110.	6.6	265
4	New cholesterol-based gelators with light- and metal-responsive functions. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 1715.	2.0	188
5	Efficient Photocurrent Generation in Novel Self-Assembled Multilayers Comprised of [60]Fullerene π -Cationic Homooxalix[3]arene Inclusion Complex and Anionic Porphyrin Polymer. <i>Journal of the American Chemical Society</i> , 2001, 123, 4855-4856.	6.6	182
6	Inclusion of [60]Fullerene in a Homooxalix[3]arene-Based Dimeric Capsule Cross-Linked by a PdII π -Pyridine Interaction. <i>Journal of the American Chemical Society</i> , 1999, 121, 4296-4297.	6.6	170
7	Reinvestigation of Calixarene-Based Artificial-Signaling Acetylcholine Receptors Useful in Neutral Aqueous (Water/Methanol) Solution. <i>Journal of the American Chemical Society</i> , 1996, 118, 755-758.	6.6	159
8	A Self-Assembled Homooxalix[3]arene-based Dimeric Capsule Constructed by a PdII π -Pyridine Interaction Which Shows a Novel Chiral Twisting Motion in Response to Guest Inclusion. <i>Journal of the American Chemical Society</i> , 2001, 123, 3872-3877.	6.6	138
9	On the prerequisites for the formation of solution complexes from [60]fullerene and calix[n]arenes: A novel allosteric effect between [60]fullerene and metal cations in calix[n]aryl ester complexes. <i>Tetrahedron</i> , 1998, 54, 2497-2508.	1.0	135
10	Molecular Design of a "Molecular Syringe" Mimic for Metal Cations Using a 1,3-Alternate Calix[4]arene Cavity. <i>Journal of Organic Chemistry</i> , 1997, 62, 3568-3574.	1.7	108
11	A Dendritic Porphyrin Receptor for C60 Which Features a Profound Positive Allosteric Effect. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2790-2792.	7.2	108
12	An Extremely Effective DNA Photocleavage Utilizing Functionalized Liposomes with a Fullerene-Enriched Lipid Bilayer. <i>Journal of the American Chemical Society</i> , 2007, 129, 4140-4141.	6.6	107
13	Supramolecular design of photocurrent-generating devices using fullerenes aimed at modelling artificial photosynthesis. <i>Tetrahedron</i> , 2005, 61, 4881-4899.	1.0	105
14	Intracellular Uptake and Photodynamic Activity of Water-Soluble [60] and [70]Fullerenes Incorporated in Liposomes. <i>Chemistry - A European Journal</i> , 2008, 14, 8892-8897.	1.7	97
15	Cooperative C60 Binding to a Porphyrin Tetramer Arranged around a π -Terphenyl Axis in 1:2 Host π -Guest Stoichiometry. <i>Organic Letters</i> , 2002, 4, 925-928.	2.4	96
16	Induction of cell death by photodynamic therapy with water-soluble lipid-membrane-incorporated [60]fullerene. <i>Organic and Biomolecular Chemistry</i> , 2007, 5, 1158.	1.5	92
17	Creation of Novel Chiral Cryptophanes by a Self-Assembling Method Utilizing a Pyridyl π -Pd(II) Interaction. <i>Organic Letters</i> , 2001, 3, 1085-1087.	2.4	88
18	NMR spectroscopic and X-ray crystallographic studies of calix[4]arene π -Ag $^+$ complexes. Influence of bound Ag $^+$ on C2 \leftrightarrow C2' interconversion in cone-calix[4]arenes. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1994, , 2073-2080.	0.9	84

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19	Water-soluble [60]fullerene- π -cationic homooxalix[3]arene complex which is applicable to the photocleavage of DNA. <i>Chemical Communications</i> , 1999, , 1403-1404.	2.2	83
20	Single-Walled Carbon Nanotubes Template the One-Dimensional Ordering of a Polythiophene Derivative. <i>Organic Letters</i> , 2006, 8, 5489-5492.	2.4	83
21	Efficient photocleavage of DNA utilising water-soluble lipid membrane-incorporated [60]fullerenes prepared using a [60]fullerene exchange method. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 2907.	1.5	82
22	Solution complexes formed from C60 and calixarenes. On the importance of the preorganized structure for cooperative interactions. <i>Tetrahedron Letters</i> , 1997, 38, 2107-2110.	0.7	79
23	Inclusion of [60]Fullerene in a Self-assembled Homooxalix[3]arene-based Dimeric Capsule Constructed by a PdII π -pyridine Interaction. The Li ⁺ -binding to the Lower Rims can Improve the Inclusion Ability. <i>Tetrahedron</i> , 2000, 56, 1825-1832.	1.0	78
24	Metal-Mediated Self-Assembly of Pyridylcalixarenes: A Prevention of Intramolecular Metal Chelation Is Essential in Constructing Molecular Capsules. <i>Journal of Organic Chemistry</i> , 2001, 66, 1002-1008.	1.7	77
25	A Self-Assembled Porphyrin-Based Dimeric Capsule Constructed by a Pd(II) π -Pyridine Interaction Which Shows Efficient Guest Inclusion. <i>Organic Letters</i> , 2000, 2, 3707-3710.	2.4	74
26	Photoelectrochemical Sensor with Porphyrin-Deposited Electrodes for Determination of Nucleotides in Water. <i>Organic Letters</i> , 2009, 11, 1163-1166.	2.4	74
27	Molecular design of calixarene-based host molecules for inclusion of C60 in solution. <i>Tetrahedron Letters</i> , 1996, 37, 73-76.	0.7	69
28	Stiffness- and Conformation-Dependent Polymer Wrapping onto Single-Walled Carbon Nanotubes. <i>Journal of the American Chemical Society</i> , 2008, 130, 16697-16703.	6.6	69
29	π -Cone- π -Partial-cone- π -Isomerism in Tetramethoxycalix[4]arenes. Influence of Solvent Polarity and Metal Ions. <i>Tetrahedron</i> , 1993, 49, 9937-9946.	1.0	66
30	Sugar-Integrated π -Supergelators Which Can Form Organogels with 0.03 π -0.05% [g mL ⁻¹]. <i>Chemistry Letters</i> , 2000, 29, 1148-1149.	0.7	66
31	Improvement of Quantum Yields for Photoinduced Energy/Electron Transfer by Isolation of Self-Aggregative Zinc Tetraphenyl Porphyrin-Pendant Polymer Using Cyclodextrin Inclusion in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 2003, 107, 11261-11266.	1.2	66
32	Water-Solubilization of Nucleotides-Coated Single-Walled Carbon Nanotubes Using a High-Speed Vibration Milling Technique. <i>Organic Letters</i> , 2006, 8, 1153-1156.	2.4	65
33	Gelation of Ionic Liquids with a Low Molecular-Weight Gelator Showing T _{gel} above 100 π C. <i>Chemistry Letters</i> , 2001, 30, 1154-1155.	0.7	64
34	Polybenzyl ether dendrimers for the complexation of [60]fullerenes. <i>New Journal of Chemistry</i> , 2000, 24, 749-758.	1.4	63
35	Solubilization and debundling of purified single-walled carbon nanotubes using solubilizing agents in an aqueous solution by high-speed vibration milling technique Electronic supplementary information (ESI) available: UV-vis spectra. See http://www.rsc.org/suppdata/cc/b4/b402042a/ . <i>Chemical Communications</i> , 2004, , 1334.	2.2	62
36	Solubilisation of [60]fullerenes using block copolymers and evaluation of their photodynamic activities. <i>Organic and Biomolecular Chemistry</i> , 2008, 6, 1015.	1.5	60

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37	A novel [60]fullerene receptor with a Pd(ii)-switched bisporphyrin cleft. <i>Chemical Communications</i> , 2002, , 1032-1033.	2.2	59
38	Unusually high ionophoricity of 1,3-alternate-calix[4]arenes: Î€-Donor participation in the complexation of cations?. <i>Tetrahedron Letters</i> , 1992, 33, 7385-7388.	0.7	58
39	Novel interaction of calixarene p-systems with metal ions and fullerenes. <i>Pure and Applied Chemistry</i> , 1999, 71, 275-280.	0.9	58
40	Facile construction of an ultra-thin [60]fullerene layer from [60]fullereneâ€“homooxacalix[3]arene complexes on a gold surface. <i>Perkin Transactions II RSC</i> , 2000, , 909-912.	1.1	56
41	Photodynamic Activities of Porphyrin Derivativeâ€“Cyclodextrin Complexes by Photoirradiation. <i>ACS Medicinal Chemistry Letters</i> , 2017, 8, 555-559.	1.3	54
42	Saccharide Libraries as Potential Templates for Regio- and Chiroselective Introduction of Two Functional Groups into [60]Fullerene. <i>Journal of Organic Chemistry</i> , 1999, 64, 984-990.	1.7	52
43	Nano-Rod Structure of Poly(ethylenedioxythiophene) and Poly(pyrrole) As Created by Electrochemical Polymerization Using Anionic Porphyrin Aggregates as Template. <i>Organic Letters</i> , 2003, 5, 1395-1398.	2.4	52
44	New Syntheses and Physical Properties of p-Alkylcalix[n]arenes. <i>Bulletin of the Chemical Society of Japan</i> , 1991, 64, 381-386.	2.0	50
45	Multiple connection of 1,3-alternate-calix[4]arenes. An approach to synthetic â€“nano-tubesâ€™. <i>Journal of the Chemical Society Chemical Communications</i> , 1994, .	2.0	50
46	Direct and short-time uptake of [70]fullerene into the cell membrane using an exchange reaction from a [70]fullereneâ€“Î³-cyclodextrin complex and the resulting photodynamic activity. <i>Chemical Communications</i> , 2009, , 1547.	2.2	50
47	Solubilization of Single-Walled Carbon Nanotubes by Supramolecular Complexes of Barbituric Acid and Triaminopyrimidines. <i>Langmuir</i> , 2007, 23, 10913-10915.	1.6	47
48	Triple Linkage of Two Homooxacalix[3]arenes Creates Capsular Molecules and Self-Threaded Rotaxanes. <i>Journal of the American Chemical Society</i> , 1999, 121, 11906-11907.	6.6	46
49	Reversible Solubilization and Precipitation of Carbon Nanotubes through Oxidationâ€“Reduction Reactions of a Solubilizing Agent. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 4577-4580.	7.2	46
50	Anisotropic Selfâ€“Assembly of Citrateâ€“Coated Gold Nanoparticles on Fluidic Liposomes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4059-4063.	7.2	45
51	Hostâ€“guest complexation effect of 2,3,6-tri-O-methyl-Î²-cyclodextrin on a C60â€“porphyrin light-to-photocurrent conversion system. <i>Tetrahedron</i> , 2003, 59, 3537-3540.	1.0	44
52	Location of [60]fullerene incorporation in lipid membranes. <i>Chemical Communications</i> , 2011, 47, 12095.	2.2	43
53	Construction of Monomeric and Polymeric Porphyrin Compartments by a Pd(II)â€“Pyridine Interaction and Their Chiral Twisting by a BINAP Ligand. <i>Journal of Organic Chemistry</i> , 2003, 68, 1059-1066.	1.7	40
54	Preparation of Highly Photosensitizing Liposomes with Fullerene-Doped Lipid Bilayer Using Dispersion-Controllable Molecular Exchange Reactions. <i>Organic Letters</i> , 2008, 10, 4077-4080.	2.4	40

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55	Photodynamic Activity of Liposomal Photosensitizers via Energy Transfer from Antenna Molecules to [60]Fullerene. ACS Medicinal Chemistry Letters, 2010, 1, 115-119.	1.3	40
56	Synthesis and optical resolution of naphthalene-containing inherently chiral calix[4]arenes derived by intramolecular ring closure or stapling of proximal phenyl units. Journal of the Chemical Society Perkin Transactions 1, 1996, , 1945.	0.9	38
57	Photodynamic Activity of C ₇₀ Caged within Surface-Cross-Linked Liposomes. Chemistry - an Asian Journal, 2009, 4, 199-205.	1.7	38
58	Construction of a Homooxacalix[3]arene-based Dimeric Capsule Cross-linked by a Pd(II)-pyridine Interaction. Chemistry Letters, 1998, 27, 587-588.	0.7	37
59	Conformational analysis of calix[n] arenes with chiral substituents by using circular dichroism. Journal of Physical Organic Chemistry, 1992, 5, 699-710.	0.9	36
60	Cyclodextrin Complexed [60]Fullerene Derivatives with High Levels of Photodynamic Activity by Long Wavelength Excitation. ACS Medicinal Chemistry Letters, 2013, 4, 752-756.	1.3	36
61	Dendrimers can act as a host for [60]fullerene. Tetrahedron Letters, 1999, 40, 6945-6948.	0.7	35
62	Pseudorotaxane structure of a fullerene derivative-cyclodextrin 1:2 complex. Chemical Communications, 2011, 47, 12795.	2.2	35
63	X-ray crystallographic studies of a 1,3-alternate-calix[4]arene·Na ⁺ complex. Is the cation-π interaction operative between the benzene rings and Na ⁺ ? Tetrahedron Letters, 1994, 35, 8417-8420.	0.7	34
64	Advantages and Potential of Lipid-Membrane-Incorporating Fullerenes Prepared by the Fullerene-Exchange Method. Chemistry - an Asian Journal, 2012, 7, 605-613.	1.7	34
65	Gemini peptide lipids with ditopic ion-recognition site. Preparation and functions as an inducer for assembling of liposomal membranes. Tetrahedron, 2004, 60, 9841-9847.	1.0	33
66	Calixarene-Tetracyanoethylene Complexes. On the Selective Complexation with Calix[4]arene Conformers. Tetrahedron, 1992, 48, 1059-1070.	1.0	32
67	Regioselective Recognition of a [60]Fullerene-Bisadduct by Cyclodextrin. Journal of Organic Chemistry, 2013, 78, 2534-2541.	1.7	32
68	A Novel [60]Fullerene-Calixarene Conjugate Which Facilitates Self-Inclusion of the [60]Fullerene Moiety into the Homooxacalix[3]arene Cavity. European Journal of Organic Chemistry, 2000, 2000, 3287-3293.	1.2	31
69	Water-soluble fullerenes using solubilizing agents, and their applications. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2013, 77, 49-65.	0.9	30
70	Improved photodynamic activities of liposome-incorporated [60]fullerene derivatives bearing a polar group. Chemical Communications, 2017, 53, 2966-2969.	2.2	30
71	Effect of phase transition temperature of liposomes on preparation of fullerene-encapsulated liposomes by the fullerene-exchange reaction. Chemical Communications, 2010, 46, 2847.	2.2	29
72	Porphyrim-uptake in liposomes and living cells using an exchange method with cyclodextrin. RSC Advances, 2015, 5, 105279-105287.	1.7	29

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73	New Morphology-controlled Poly(aniline) Synthesis Using Anionic Porphyrin Aggregate as a Template. <i>Chemistry Letters</i> , 2003, 32, 314-315.	0.7	28
74	Formation and regulation of fullerene-incorporation in liposomes under the phase transition temperature. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2622.	1.5	28
75	Crownâ€metal interactions in cholesteric liquid crystals. <i>Journal of the Chemical Society Chemical Communications</i> , 1990, , 303-304.	2.0	27
76	Regioselective intramolecular-bridging of calix[8]arenes: Unexpected isolation of a doubly-bridged unimolecular capsule-like compound. <i>Tetrahedron Letters</i> , 1996, 37, 1621-1624.	0.7	27
77	pH responsive smart carrier of [60] fullerene with 6-amino-cyclodextrin inclusion complex for photodynamic therapy. <i>Journal of Materials Chemistry</i> , 2012, 22, 22610.	6.7	27
78	Detection of chirality by colour. <i>Journal of the Chemical Society Chemical Communications</i> , 1991, , 339.	2.0	26
79	Synthesis of âœmacrocycle of macrocyclesâ€containing 3 ^{1/4} calix[4]arene units. Unexpected generation of large super-macrocycles. <i>Tetrahedron</i> , 1996, 52, 12399-12408.	1.0	26
80	Guest inclusion properties of calix[6]arene-based unimolecular cage compounds. On their high Cs+ and Ag+ selectivity and very slow metal exchange rates. <i>Tetrahedron</i> , 1998, 54, 423-446.	1.0	26
81	Photoexcited State Properties of C60Encapsulated in a Water-Soluble Calixarene. <i>Chemistry Letters</i> , 2000, 29, 78-79.	0.7	25
82	Positive Dendritic Effect in DNA/Porphyrin Composite Photocurrent Generators Containing Dendrimers as the Stationary Phase. <i>Chemistry of Materials</i> , 2006, 18, 5982-5987.	3.2	25
83	Effect of different substituents on the water-solubility and stability properties of 1 ² [60]fullerene derivative- γ -cyclodextrin complexes. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7843.	1.5	25
84	Photodynamic Activity of Fullerene Derivatives Solubilized in Water by Naturalâ€Productâ€Based Solubilizing Agents. <i>Chemistry - A European Journal</i> , 2019, 25, 1854-1865.	1.7	25
85	Maltotriose-conjugation to a fluorinated chlorin derivative generating a PDT photosensitizer with improved water-solubility. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3608-3613.	1.5	24
86	DNA-photocleaving Activities of Water-soluble Carbohydrate-containing Nonionic Homooxacalix[3]arene- \cdot [60]fullerene Complex. <i>Chemistry Letters</i> , 2005, 34, 308-309.	0.7	23
87	Reversible solubilisation and precipitation of carbon nanotubes by temperature and pH control in water. <i>Journal of Materials Chemistry</i> , 2009, 19, 5785.	6.7	23
88	Synthesis and metal-binding properties of [60]fullerene-linked calix[4]arenes: an approach to âœexohedral metallofullerenesâ€™. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 179-184.	0.9	22
89	Water-soluble Inclusion Complexes of [60]Fullerene Derivatives Using β -Cyclodextrin. <i>Chemistry Letters</i> , 2010, 39, 1256-1257.	0.7	22
90	Photoinduced Electron Transfer between C60-Pendant Calixarene and Captured Electron Donor:â€Improvement of Electron-Transfer Efficiency by Applying Hostâ€Guest Chemistry. <i>Journal of Physical Chemistry A</i> , 2002, 106, 10254-10260.	1.1	21

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91	Light-switched metal-tunneling across a β -basic tube of 1,3-alternate-calix[4]arenes. <i>Tetrahedron</i> , 1997, 53, 13609-13620.	1.0	20
92	Facile deposition of [60]fullerene on the electrode by electrochemical oxidative polymerization of thiophene. Electronic supplementary information (ESI) available: SEM images and action spectrum. See http://www.rsc.org/suppdata/cc/b2/b210433d/ . <i>Chemical Communications</i> , 2003, , 342-343.	2.2	20
93	Facile deposition of [60]fullerene and carbon nanotubes on ITO electrode by electrochemical oxidative polymerization of ethylenedioxythiophene. Electronic supplementary information (ESI) available: SEM images. See http://www.rsc.org/suppdata/ob/b3/b303828a/ . <i>Organic and Biomolecular Chemistry</i> , 2003, 1, 2343.	1.5	20
94	Water Solubilization of Fullerene Derivatives by β -(1,3- α -D-Glucan and Their Photodynamic Activities toward Macrophages. <i>Chemistry - an Asian Journal</i> , 2017, 12, 1069-1074.	1.7	20
95	Metal-induced conformational changes in calix[n]arenes can control the electron-transfer efficiency between porphyrin and [60]fullerene in an on-off manner. <i>Tetrahedron Letters</i> , 1999, 40, 8245-8249.	0.7	19
96	Thermodynamic Stability of [60]Fullerene and β -Cyclodextrin Complex in Aqueous Solution: Free Energy Simulation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 12555-12561.	1.5	19
97	Formation of lipid membrane-incorporated small β -molecules bearing hydrophilic groups. <i>RSC Advances</i> , 2016, 6, 78505-78513.	1.7	19
98	Formation of β -(1,3-1,6)-d-glucan-complexed [70]fullerene and its photodynamic activity towards macrophages. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1990-1997.	1.5	19
99	Fullerene (C60)-Ag ⁺ interactions which induce a solution color change. <i>Tetrahedron Letters</i> , 1996, 37, 7091-7094.	0.7	18
100	Thermodynamic studies of slow metal exchange processes in ionophoric calix[n]arenes with a capsule-like closed cavity. <i>Tetrahedron Letters</i> , 1997, 38, 421-424.	0.7	18
101	Synthesis and Metal-Binding Properties of Novel β -Fullerenocrowns. <i>Chemistry Letters</i> , 1997, 26, 407-408.	0.7	17
102	New Morphology-Controlled Poly(aniline) Synthesis Using Anionic Porphyrin Aggregate as a Template and Proton-Driven Structural Changes in the Porphyrin Aggregate. <i>Bulletin of the Chemical Society of Japan</i> , 2004, 77, 1951-1957.	2.0	17
103	Efficient singlet oxygen generation from sugar pendant C60 derivatives for photodynamic therapy. <i>Chemical Communications</i> , 2015, 51, 16605-16608.	2.2	17
104	Turn-on fluorescence and photodynamic activity of β -(1,3-1,6)-d-glucan-complexed porphyrin derivatives inside HeLa cells. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 2854-2858.	1.6	17
105	Solubilization of Tetrahydroxyphenylchlorin in Water and Improved Photodynamic Activity after Complexation with Cyclic Oligo- and Polysaccharides. <i>ACS Applied Bio Materials</i> , 2020, 3, 3217-3225.	2.3	17
106	A Simple Method To Produce Dendrimer Nanodots over Centimeter Scales by Rapid Evaporation of Solvents. <i>Langmuir</i> , 2001, 17, 1807-1810.	1.6	16
107	Lipid-membrane-incorporated hydrophobic photochromic molecules prepared by the exchange method using cyclodextrins. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6175-6182.	1.5	16
108	Improvement of Photodynamic Activity of Lipid-Membrane-Incorporated Fullerene Derivative by Combination with a Photo-Antenna Molecule. <i>Chemistry - A European Journal</i> , 2018, 24, 7335-7339.	1.7	16

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109	Photodynamic therapy using self-assembled nanogels comprising chlorin e6-bearing pullulan. <i>Journal of Materials Chemistry B</i> , 2021, 9, 6357-6363.	2.9	16
110	Design of Homooxacalix[3]areneâ€“Porphyrin Heterocapsules Which Provide Novel Cavities for Molecular Recognition. <i>Chemistry Letters</i> , 2000, 29, 1220-1221.	0.7	15
111	Application of Peptide Gemini Surfactants as Novel Solubilization Surfactants for Photosystems I and II of Cyanobacteria. <i>Langmuir</i> , 2013, 29, 11667-11680.	1.6	15
112	Improved Stability and Photodynamic Activity of Waterâ€“Soluble 5,15â€“Diazaporphyrins Incorporated in Î²â€“(1,3,6)-â€“D-Glucan with Onâ€“Off Switch. <i>Chemistry - an Asian Journal</i> , 2020, 15, 365-370.	1.7	15
113	Improved water solubility and photodynamic activity of hydroxy-modified porphyrins by complexation with cyclodextrin. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6702-6709.	1.5	15
114	Mechanism toward Turnâ€“on of Polysaccharideâ€“Porphyrin Complexes for Fluorescence Probes and Photosensitizers in Photodynamic Therapy in Living Cells. <i>ChemMedChem</i> , 2021, 16, 793-803.	1.6	15
115	Water Solubilization and Thermal Stimuli-Triggered Release of Porphyrin Derivatives Using Thermoresponsive Polysaccharide Hydroxypropyl Cellulose for Mitochondria-Targeted Photodynamic Therapy. <i>ACS Omega</i> , 2021, 6, 3209-3217.	1.6	15
116	â€“Stapledâ€“ calix[n]arenes: immobilization of the calix[4]arene conformation by cross-linking on the upper rim. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 2671-2673.	0.9	14
117	Chiral cage molecules generated by regioselective O-alkylation of a doubly-bridged calix[8]arene. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 97-105.	1.8	14
118	A photo-triggerable drug carrier based on cleavage of PEG lipids by photosensitiser-generated reactive singlet oxygen. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2567.	1.5	14
119	Photodynamic Activity of Fullerenes and Other Molecules Incorporated into Lipid Membranes by Exchange. <i>Chemical Record</i> , 2016, 16, 249-260.	2.9	14
120	Controllable Direction of Porphyrin Derivatives in Two Cyclodextrin Cavities. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2138-2143.	1.2	14
121	Stability of Lipid-membrane-incorporated Azobenzene and Pyrenes in Water. <i>Chemistry Letters</i> , 2014, 43, 1551-1553.	0.7	13
122	Anti-inflammatory effect of water-soluble complex of 1â€“acetoxychavicol acetate with highly branched Î²-1,3-glucan on contact dermatitis. <i>Biomedicine and Pharmacotherapy</i> , 2015, 69, 201-207.	2.5	13
123	1H NMR Determination of Incorporated Porphyrin Location in Lipid Membranes of Liposomes. <i>Bulletin of the Chemical Society of Japan</i> , 2018, 91, 1337-1342.	2.0	13
124	Cerasome as an Organic-Inorganic Vesicular Nanohybrid: Characterization of Cerasome-Forming Lipids having a Single or a Dual Trialkoxysilyl Head. <i>Journal of Sol-Gel Science and Technology</i> , 2004, 31, 99-102.	1.1	12
125	Control of self-aggregation of fullerenes by connection with calix[4]arene: solvent- and guest-effects to particle size. <i>Organic and Biomolecular Chemistry</i> , 2006, 4, 519-523.	1.5	12
126	Enantioselective Recognition of [60]Fullerene Bisadducts by Cyclodextrin: Kinetic Control of a Mechanochemical High-speed Vibration Milling Process. <i>Chemistry Letters</i> , 2013, 42, 1137-1139.	0.7	12

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127	Dynamic behaviour of giant unilamellar vesicles induced by the uptake of [70]fullerene. <i>Chemical Communications</i> , 2014, 50, 1288-1291.	2.2	12
128	pH-Responsive Nanogels Containing Fullerenes: Synthesis via a Fullerene Exchange Method and Photoactivity. <i>Chemistry Letters</i> , 2016, 45, 60-62.	0.7	12
129	High photodynamic activities of water-soluble inclusion complexes of 5,15-diazaporphyrins in cyclodextrin. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 3141-3149.	1.5	12
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