

Takehiko Yamato

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Functionalization of Pyrene To Prepare Luminescent Materials—Typical Examples of Synthetic Methodology. <i>Chemistry - A European Journal</i> , 2016, 22, 11898-11916.	3.3	202
2	Oxo- and Imidovanadium Complexes Incorporating Methylene- and Dimethyleneoxa-Bridged Calix[3]- and -[4]arenes: Synthesis, Structures and Ethylene Polymerisation Catalysis. <i>Chemistry - A European Journal</i> , 2007, 13, 1090-1107.	3.3	130
3	Ratiometric Fluorescent Receptors for Both Zn ²⁺ and H ₂ PO ₄ [−] Ions Based on a Pyrenyl-Linked Triazole-Modified Homooxalix[3]arene: A Potential Molecular Traffic Signal with an R-S Latch Logic Circuit. <i>Journal of Organic Chemistry</i> , 2011, 76, 5696-5702.	3.2	116
4	Pyrene-Linked Triazole-Modified Homooxalix[3]arene: A Unique C ₃ Symmetry Ratiometric Fluorescent Chemosensor for Pb ²⁺ . <i>Organic Letters</i> , 2011, 13, 552-555.	4.6	113
5	Selective preparation. 30. A convenient preparation of 5,13-di-tert-butyl-8,16-disubstituted-[2.2]metacyclophanes and their trans-tert-butylation and halogenation reactions. <i>Journal of Organic Chemistry</i> , 1981, 46, 1543-1552.	3.2	100
6	A brief review on novel pyrene based fluorometric and colorimetric chemosensors for the detection of Cu ²⁺ . <i>Materials Chemistry Frontiers</i> , 2021, 5, 2173-2200.	5.9	84
7	Synthesis and Photophysical Properties of Pyrene-Based Light-Emitting Monomers: Highly Pure Blue-Fluorescent, Cruciform-Shaped Architectures. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 72-79.	2.4	78
8	Metacyclophanes and related compounds. 14. Preparation of 8,16-difluoro[2.2]metacyclophane. <i>Journal of Organic Chemistry</i> , 1985, 50, 2939-2942.	3.2	66
9	Organic reactions catalyzed by solid superacids. 10. Perfluorinated sulfonic acid resin (Nafion-H) catalyzed ring closure reaction of 2,2'-diaminobiphenyls. A preparative route to carbazoles. <i>Journal of Organic Chemistry</i> , 1991, 56, 6248-6250.	3.2	62
10	Metacyclophanes and related compounds. 4. Halogenations of 8,16-dialkyl-anti-5,13-di-tert-butyl[2.2]metacyclophan-1-enes and 2,7-di-tert-butyl-trans-10b,10c-dialkyl-10b,10c-dihydropyrenes. <i>Journal of the American Chemical Society</i> , 1982, 104, 3701-3707.	13.7	61
11	Metacyclophanes and related compounds. 26. Tetrahydroxy[2.n.2.n]metacyclophanes. Preparation, reactions, and spectra. <i>Journal of Organic Chemistry</i> , 1990, 55, 2404-2409.	3.2	60
12	Solvent Extraction Behavior of Calixarene-Type Cyclophanes Towards Trivalent La, Nd, Eu, Er and Yb. <i>Solvent Extraction and Ion Exchange</i> , 1993, 11, 311-330.	2.0	59
13	Metacyclophanes and related compounds. 1. Preparation and nuclear magnetic resonance spectra of 8,16-disubstituted [2.2]metacyclophanes. <i>Journal of Organic Chemistry</i> , 1981, 46, 4556-4562.	3.2	56
14	Metacyclophanes and related compounds. 7. Preparation and reduction of [2.2]metacyclophanequinone. <i>Journal of the American Chemical Society</i> , 1982, 104, 3707-3710.	13.7	54
15	Blue-Emitting Butterfly-Shaped 1,3,5,9-Tetraarylpyrenes: Synthesis, Crystal Structures, and Photophysical Properties. <i>Organic Letters</i> , 2013, 15, 1318-1321.	4.6	53
16	Synthesis and evaluation of a novel pyrenyl-appended triazole-based thiacalix[4]arene as a fluorescent sensor for Ag ⁺ ion. <i>Tetrahedron</i> , 2011, 67, 3248-3253.	1.9	51
17	Catalysis by solid superacids. 21. Nafion-H catalyzed de-tert-butylation of aromatic compounds. <i>Journal of Organic Chemistry</i> , 1987, 52, 1881-1884.	3.2	48
18	An Efficient Approach to the Synthesis of Novel Pyrene-Fused Azaacenes. <i>Organic Letters</i> , 2013, 15, 3594-3597.	4.6	48

#	ARTICLE	IF	CITATIONS
19	Metacyclophanes and related compounds. 8. Preparation and reactions of 8,16-diformyl[2.2]metacyclophanes. <i>Journal of Organic Chemistry</i> , 1983, 48, 1461-1468.	3.2	47
20	Medium-sized Cyclophanes, 20. Synthesis and Conformational Studies of <i>syn</i> - and <i>anti</i> -Dihydroxy[2.2]metacyclophanes. <i>Chemische Berichte</i> , 1992, 125, 2443-2454.	0.2	47
21	Medium-sized cyclophanes. Part 31. Synthesis and electrophilic substitution of 8-substituted [2]metacyclo[2](1,3)pyrenophanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 3127.	0.9	47
22	Pyrene-Based Y-shaped Solid-state Blue Emitters: Synthesis, Characterization, and Photoluminescence. <i>Chemistry - an Asian Journal</i> , 2012, 7, 2854-2863.	3.3	46
23	Pyrene-cored blue-light emitting [4]helicenes: synthesis, crystal structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 2186.	2.8	46
24	Selective preparation of polycyclic aromatic hydrocarbons. Part 5.1 Bromination of 2,7-di- <i>tert</i> -butylpyrene and conversion into pyrenoquinones and their pyrenoquinhydrone. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1201-1208.	0.9	43
25	Novel Spherand-type Calixarenes – Synthesis, Conformational Studies, and Isomer Separation. <i>Chemische Berichte</i> , 1993, 126, 1435-1439.	0.2	40
26	Synthesis and photochromic reaction of 1,2-diphenylperfluorocyclopentenes. <i>Journal of Physical Organic Chemistry</i> , 2003, 16, 148-151.	1.9	40
27	Synthesis and Diels-Alder Reactions of 1,2-Dimethylene[2.n]metacyclophanes. <i>Organic Letters</i> , 2005, 7, 3-6.	4.6	40
28	An NBD-armed thiacalix[4]arene-derived colorimetric and fluorometric chemosensor for Ag ⁺ : a metal-ligand receptor of anions. <i>Dalton Transactions</i> , 2013, 42, 3552.	3.3	40
29	Click synthesis of a quinoline-functionalized hexahomotrioxacalix[3]arene: A turn-on fluorescence chemosensor for Fe ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2018, 254, 52-58.	7.8	40
30	Pyrene-Based Approach to Tune Emission Color from Blue to Yellow. <i>Journal of Organic Chemistry</i> , 2017, 82, 7176-7182.	3.2	37
31	Ethylene Polymerization Catalysis by Vanadium-Based Systems Bearing Sulfur-Bridged Calixarenes. <i>Organometallics</i> , 2011, 30, 5620-5624.	2.3	36
32	Regioselective Substitution at the 1,3- and 6,8-Positions of Pyrene for the Construction of Small Dipolar Molecules. <i>Journal of Organic Chemistry</i> , 2015, 80, 10973-10978.	3.2	36
33	Synthesis, crystal structure and complexation behaviour study of an efficient Cu ²⁺ ratiometric fluorescent chemosensor based on thiacalix[4]arene. <i>Tetrahedron</i> , 2015, 71, 8521-8527.	1.9	35
34	Preparation and Conformational Studies of Ethylene-Bridged Calixarene-Analogous Macrocyclic Metacyclophanes. <i>Chemische Berichte</i> , 1993, 126, 2501-2504.	0.2	33
35	Click-modified hexahomotrioxacalix[3]arenes as fluorometric and colorimetric dual-modal chemosensors for 2,4,6-trinitrophenol. <i>Analytica Chimica Acta</i> , 2016, 936, 216-221.	5.4	33
36	Synthesis, conformational studies, and inclusion properties of tris[(2-pyridylmethyl)oxy]hexahomotrioxacalix[3]arenes. <i>Canadian Journal of Chemistry</i> , 1998, 76, 989-996.	1.1	32

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37	Ditopic Receptors based on Lower- and Upper-Rim Substituted Hexahomotrioxacalix[3]arenes: Cation-Controlled Hydrogen Bonding of Anion. <i>Chemistry - an Asian Journal</i> , 2012, 7, 519-527.	3.3	31
38	Medium-sized cyclophanes. Part 53.1 Synthesis and conformational studies, and photoinduced cyclization of syn-[n.2]metacyclophanenes. <i>Canadian Journal of Chemistry</i> , 2000, 78, 1089-1099.	1.1	30
39	A photochromic thiophenophan-1-ene. <i>Chemical Communications</i> , 2003, , 1496.	4.1	30
40	Allosteric bindings of thiacalix[4]arene-based receptors with 1,3-alternate conformation having two different side arms. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 60, 173-185.	1.6	30
41	Highly emissive hand-shaped π -conjugated alkynylpyrenes: Synthesis, structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2255.	2.8	30
42	Fluorescent turn-on sensors based on pyrene-containing Schiff base derivatives for Cu ²⁺ recognition: spectroscopic and DFT computational studies. <i>Tetrahedron</i> , 2016, 72, 4575-4581.	1.9	30
43	Medium-Sized Cyclophanes, 29. Synthesis and Desulfurization of 2,11-Dithia[3]metacyclo- and 2,11-Dithia[3]paracyclo[3](4,9)pyrenophanes. <i>Chemische Berichte</i> , 1993, 126, 2505-2511.	0.2	29
44	Selective preparation of polycyclic aromatic hydrocarbons. Part 4.1 New synthetic route to anthracenes from diphenylmethanes using Friedel-Crafts intramolecular cyclization. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1997, , 1193-1200.	0.9	29
45	Synthesis and Inclusion Properties of C ₃ -Symmetrically Capped Hexahomotrioxacalix[3]arenes with Ester Groups on the Lower Rim. <i>European Journal of Organic Chemistry</i> , 2001, 2001, 1069-1075.	2.4	29
46	Synthesis and photophysical properties of novel butterfly-shaped blue emitters based on pyrene. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8366.	2.8	29
47	Solvent effect and fluorescence response of the 7-tert-butylpyrene-dipicolylamine linkage for the selective and sensitive response toward Zn(II) and Cd(II) ions. <i>New Journal of Chemistry</i> , 2015, 39, 4055-4062.	2.8	28
48	A pyrene-functionalized triazole-linked hexahomotrioxacalix[3]arene as a fluorescent chemosensor for Zn ²⁺ ions. <i>Sensors and Actuators B: Chemical</i> , 2016, 228, 480-485.	7.8	28
49	Medium-sized cyclophanes. Part 58. Synthesis and conformational studies of [2.n]metacyclophan-1-enes and [n.1]metacyclophanes. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2001, , 2089-2097.	1.3	27
50	Supramolecular catalysis of esterification by hemicucurbiturils under mild conditions. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 181-185.	4.8	27
51	New fluorescent sensor for antimony and transition metal cations based on rhodamine amide-arm homotrioxacalix[3]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 125-131.	1.6	26
52	Cellular uptake of a fluorescent vanadyl sulfonylcalix[4]arene. <i>Chemical Communications</i> , 2012, 48, 1129-1131.	4.1	26
53	Synthesis, structure and magnetic behaviour of dinuclear uranium(IV) complexes with a π -calixalophen type macrocycle. <i>New Journal of Chemistry</i> , 2006, 30, 1220-1227.	2.8	25
54	Chemo-selective oxidation of hydroxybenzyl alcohols with IBX in the presence of hemicucurbit[6]uril. <i>New Journal of Chemistry</i> , 2013, 37, 3778.	2.8	25

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55	Pyrene-based color-tunable dipolar molecules: Synthesis, characterization and optical properties. <i>Dyes and Pigments</i> , 2018, 153, 125-131.	3.7	25
56	Medium-sized cyclophanes. Part 18. 5-tert-Butyl-8-substituted [2.2]metaparacyclophanes: preparation, X-Ray diffraction studies, and their treatment with Lewis acids in benzene. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 2675.	0.9	24
57	Preparation and conformational properties of tetrahydroxy[3.1.3.1]metacyclophanes. <i>Journal of the Chemical Society Chemical Communications</i> , 1992, , 861.	2.0	24
58	Medium-sized cyclophanes. 19. Preparation and conformational studies of [m.n]metacyclophanes. <i>Journal of Organic Chemistry</i> , 1992, 57, 5243-5246.	3.2	24
59	Medium-sized cyclophanes. Part 52: synthesis and structures of [2.n]metacyclophane-1,2-diones. <i>New Journal of Chemistry</i> , 2000, 24, 221-228.	2.8	24
60	Removal of NaCl from seawater using natural zeolite. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 21-26.	1.2	24
61	Synthesis, conformational studies and inclusion properties of O-benzylated calixarene analogues of trihydroxy[3.3.3]metacyclophanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 609-614.	0.9	23
62	Medium-sized cyclophanes. Part 57. Synthesis, conformations and stereodynamics of [2.n]metacyclophan-1-enes and their conversion to [2.n]metacyclophan-1-yne. <i>New Journal of Chemistry</i> , 2001, 25, 728-736.	2.8	23
63	Novel ion-pair receptors based on hexahomotrioxacalix[3]arene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6535.	2.8	23
64	A Review on the Recent Advances in the Reductions of Carbon-Carbon/Oxygen Multiple Bonds Including Aromatic Rings Using Raney Ni-Al Alloy or Al Powder in the Presence of Noble Metal Catalysts in Water. <i>Topics in Catalysis</i> , 2018, 61, 560-574.	2.8	23
65	Medium-Sized Cyclophanes, 25. Bromination of [2.n]Metacyclophan-1-enes and Isolation of Two Isomers of 1-Bromo[2.n]metacyclophan-1-enes. <i>Chemische Berichte</i> , 1993, 126, 447-451.	0.2	22
66	Perfluorinated Resinsulfonic Acid(Nafion-H) Catalysis in Organic Synthesis.. Yuki Gosei Kagaku Kyokaiishi/ <i>Journal of Synthetic Organic Chemistry</i> , 1995, 53, 487-499.	0.1	22
67	Synthesis, Structure, and Photochromic Properties of Dithia-(dithienylethene)phane Derivatives. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 2771-2776.	2.4	22
68	Use of a new thiacalix[4]arene derivative bearing two 4-chloro-7-nitrobenzofurazan groups as a colorimetric and fluorescent chemosensor for Ag ⁺ and AcO ⁻ . <i>Sensors and Actuators B: Chemical</i> , 2012, 164, 69-75.	7.8	22
69	Synthesis, structural and spectral properties of diarylamino-functionalized pyrene derivatives via Buchwald-Hartwig amination reaction. <i>Journal of Molecular Structure</i> , 2013, 1035, 19-26.	3.6	22
70	Direct evidence of a blocking heavy atom effect on the water-assisted fluorescence enhancement detection of Hg ²⁺ based on a ratiometric chemosensor. <i>Dalton Transactions</i> , 2014, 43, 12633-12638.	3.3	21
71	Synthesis and conformational studies of calixarene-analogous trihydroxy[3.3.3]metacyclophanes and their O-alkylated derivatives. <i>Liebigs Annalen</i> , 1995, 1995, 1259-1267.	0.8	20
72	Hemicucurbit[6]uril-induced aerobic oxidation of heterocyclic compounds. <i>Journal of Molecular Catalysis A</i> , 2013, 379, 287-293.	4.8	20

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73	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 55-64.	1.6	19
74	Hexahomotrioxacalix[3]arene derivatives as ionophores for molecular recognition of dopamine, serotonin and phenylethylamine. Organic and Biomolecular Chemistry, 2012, 10, 4618.	2.8	19
75	Synthesis of 4,5-dimethyl-, 4,5,9-trimethyl-, and 4,5,9,10-tetramethylpyrene. Journal of Organic Chemistry, 1991, 56, 4312-4314.	3.2	18
76	Hardâ€“Soft Receptors, Tetrakis[(N,N-diethylaminocarbonyl)methoxy] thiacalix[4]arene Derivatives with cone and 1,3-alternate Conformation. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2005, 53, 1-8.	1.6	18
77	Influence of substituent position on thermal properties, photoluminescence and morphology of pyreneâ€“fluorene derivatives. Journal of Molecular Structure, 2015, 1086, 216-222.	3.6	18
78	Synthesis and conformational studies of calixarene analogue chiral [3.3.1]metacyclophanes. Journal of Molecular Structure, 2015, 1098, 47-54.	3.6	18
79	Multiple Photoluminescence from Pyreneâ€“Fused Hexaarylbenzenes with Aggregationâ€“Enhanced Emission Features. Asian Journal of Organic Chemistry, 2018, 7, 444-450.	2.7	18
80	Metacyclophanes and related compounds. Part 16. Preparation of 8-fluoro- <i>t</i> -butyl[2.2]metacyclophanes and their treatment with aluminium chlorideâ€“nitromethane in benzene. Journal of the Chemical Society Perkin Transactions 1, 1987, , 1-7.	0.9	17
81	A new synthetic route to 4-alkylpyrenes from 2,7-di- <i>tert</i> -butyl-trans-10b,10c-dimethyl-10b,10c-dihydropyrenes. Journal of Organic Chemistry, 1991, 56, 1334-1337.	3.2	17
82	Regioselective Synthesis and Inclusion Properties of distal-Bis[(2-pyridylmethyl)oxy]tetrathiacalix[4]arenes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 261-269.	1.6	17
83	Synthesis and conformational studies of chiral macrocyclic [1.1.1]metacyclophanes containing benzofuran rings. Organic and Biomolecular Chemistry, 2015, 13, 9055-9064.	2.8	17
84	Iron(III) bromide catalyzed bromination of 2- <i>tert</i> -butylpyrene and corresponding position-dependent aryl-functionalized pyrene derivatives. RSC Advances, 2015, 5, 8835-8848.	3.6	17
85	A novel fluorescence “off-on” chemosensor for Hg ²⁺ via a water-assistant blocking heavy atom effect. Dalton Transactions, 2016, 45, 14948-14953.	3.3	17
86	Two-Photon Absorption Properties of Pyrene-Based Dipolar Dâ€“A Fluorophores. ChemPhotoChem, 2018, 2, 749-756.	3.0	17
87	ELECTROPHILIC SUBSTITUTION OF 7- <i>tert</i> -BUTYL-1-SUBSTITUTED PYRENES. A NEW ROUTE FOR THE PREPARATION OF 1,3-DISUBSTITUTED PYRENES. Organic Preparations and Procedures International, 1997, 29, 321-330.	1.3	16
88	Medium-size cyclophanes. Part 601: Synthesis and conformational studies of 9-substituted [3.3]metacyclophane-2,11-diones and conversion to the corresponding [3.3]metacyclophanes. Canadian Journal of Chemistry, 2002, 80, 510-516.	1.1	16
89	Crystal Structures of Uranyl Ion Complexes of Tetrahydroxy[3.1.3.1]metacyclophane (Homocalix[4]arene). Supramolecular Chemistry, 2003, 15, 359-365.	1.2	16
90	Synthesis and evaluation of a novel fluorescent sensor based on Hexahomotrioxacalix[3]arene for Zn ²⁺ and Cd ²⁺ . Tetrahedron, 2016, 72, 4854-4858.	1.9	16

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91	Manganese coordination chemistry of bis(imino)phenoxide derived [2 + 2] Schiff-base macrocyclic ligands. <i>Dalton Transactions</i> , 2016, 45, 226-236.	3.3	16
92	Substituent effects on the intermolecular interactions and emission behaviors in pyrene-based mechanochromic luminogens. <i>Journal of Materials Chemistry C</i> , 2022, 10, 9310-9318.	5.5	16
93	A pyrenyl-appended C-symmetric hexahomotrioxacalix[3]arene for selective fluorescence sensing of iodide. <i>Dyes and Pigments</i> , 2020, 178, 108340.	3.7	15
94	Ditopic receptors of hexaamide derivatives derived from hexahomotrioxacalix[3]arene triacetic acid. <i>Canadian Journal of Chemistry</i> , 2006, 84, 58-64.	1.1	14
95	Alkyl Ammonium Ion Selectivity of Hexahomotrioxacalix[3]arene Triamide Derivative having the Intramolecular Hydrogen-Bonding Group. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2005, 53, 257-262.	1.6	13
96	Synthesis and fluorescence emission properties of 1,3,6,8-tetraarylpyrenes. <i>Journal of Molecular Structure</i> , 2013, 1047, 194-203.	3.6	13
97	Synthesis, Structural, and Photophysical Properties of the First Member of the Class of Pyrene-Based [4]Helicenes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 5829-5837.	2.4	13
98	Host-guest interaction of hemicucurbiturils with phenazine hydrochloride salt. <i>Supramolecular Chemistry</i> , 2015, 27, 37-43.	1.2	13
99	Positive and negative allosteric effects of thiacalix[4]arene-based receptors having urea and crown-ether moieties. <i>RSC Advances</i> , 2015, 5, 14747-14755.	3.6	13
100	Synthesis, structural properties, electrophilic substitution reactions and DFT computational studies of calix[3]benzofurans. <i>RSC Advances</i> , 2016, 6, 50808-50817.	3.6	13
101	Synthesis, Structure and Photophysical Properties of Pyrene-based [5]Helicenes: an Experimental and Theoretical Study. <i>ChemistrySelect</i> , 2017, 2, 1436-1441.	1.5	13
102	Nafion-H catalyzed condensation of acetophenone derivatives. A preparative route of 1,3,5-Triarylbenzenes [1]. <i>Catalysis Letters</i> , 1990, 6, 341-344.	2.6	12
103	Nafion-H catalyzed tert-butylation of aromatic compounds with 2,6-DI(tert-butyl)-p-cresol [1]. <i>Catalysis Letters</i> , 1990, 6, 345-348.	2.6	12
104	Synthesis, Conformations and Inclusion Properties of Homocalix[3]arenes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1998, 32, 195-207.	1.6	12
105	Medium-sized cyclophanes. part 51. Acylation of [2.2]metaparacyclophanes: through-space electronic interactions between two benzene rings. <i>Canadian Journal of Chemistry</i> , 2000, 78, 238-247.	1.1	12
106	Medium-sized cyclophanes. Part 56. 8-Substituted 5-tert-butyl[2.2]metaparacyclophane-1,9-dienes. Preparation, X-ray diffraction study and their treatment with Lewis and protic acids. <i>New Journal of Chemistry</i> , 2001, 25, 721-727.	2.8	12
107	Tri-substituted hexahomotrioxacalix[3]arene derivatives bearing imidazole units: synthesis and extraction properties for cations and chromate anions. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 5435.	2.8	12
108	Substituent effect of substrates on cucurbit[8]uril-catalytic oxidation of aryl alcohols. <i>Journal of Molecular Catalysis A</i> , 2013, 374-375, 32-38.	4.8	12

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109	A study of allosteric binding behaviour of a 1,3-alternate thiacalix[4]arene-based receptor using fluorescence signal. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4917-4923.	2.8	12
110	Positive allosteric binding behavior of pyrene-appended triazole-modified thiacalix[4]arene-based fluorescent receptors. <i>Tetrahedron</i> , 2014, 70, 7893-7899.	1.9	12
111	Medium-sized cyclophanes. Part 36. Synthesis and conformational studies of dimethoxy[m.n]metacyclophanes. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1995, , 1299.	0.9	11
112	Medium-sized cyclophanes. Part 46.1 The preparation and novel [3.3]- and [1.5]-sigmatropic rearrangements of [n.2]cyclophanes having a spiro skeleton. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1998, , 123-130.	0.9	11
113	Synthesis and demethylation of 4,22-dimethoxy[2.10]metacyclophan-1-yne with BBr_3 to afford a novel [10](2,9)-5a,11a-benzofuro-5a-bora-11-bromochromenophane. <i>Canadian Journal of Chemistry</i> , 2012, 90, 441-449.	1.1	11
114	Heteroditopic thiacalix[4]arene receptor having ester and bipyridyl moieties for ions binding with positive/negative allosteric effect. <i>Journal of Molecular Structure</i> , 2013, 1046, 110-115.	3.6	11
115	Synthesis and evaluation of a novel ionophore based on a thiacalix[4]arene derivative bearing imidazole units. <i>New Journal of Chemistry</i> , 2014, 38, 6041-6049.	2.8	11
116	Synthesis and conformational studies of 9-benzyloxy-18-substituted [3.3]metacyclophanes. <i>Canadian Journal of Chemistry</i> , 2015, 93, 1161-1168.	1.1	11
117	Synthesis of a ditopic homooxalix[3]arene for fluorescence enhanced detection of heavy and transition metal ions. <i>Supramolecular Chemistry</i> , 2015, 27, 501-507.	1.2	11
118	D- π -D chromophores based on dithieno[3,2-b:2',3'-d]thiophene (DTT): Potential application in the fabrication of solar cell. <i>Tetrahedron</i> , 2017, 73, 307-312.	1.9	11
119	Perfluorinated sulfonic acid resin (Nafion-H) catalysed <i>trans-t</i> -butylation of 7- <i>t</i> -butyl-1,3-disubstituted pyrenes; a new route for the preparation of 1,3-disubstituted pyrenes. <i>Journal of Chemical Research</i> , 2006, 2006, 762-765.	1.3	10
120	Synthesis and Structures of [2.n]metacyclophane-1,2-diones. <i>Journal of Chemical Research</i> , 2008, 2008, 479-483.	1.3	10
121	Synthesis and heteronuclear inclusion properties of a novel thiacalix[4]arene-based hard-soft receptor with 1,3-alternate conformation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 68, 99-108.	1.6	10
122	Reactions of Dimethyl Ethylenedicarboxylate with (Substituted Ethylidene)hydrazinecarbothioamides. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 473-477.	2.6	10
123	Reduction of aromatic compounds with Al powder using noble metal catalysts in water under mild reaction conditions. <i>Comptes Rendus Chimie</i> , 2014, 17, 952-957.	0.5	10
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