

Takehiko Yamato

List of Publications by Year in descending order

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times ranked

2979
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#	ARTICLE	IF	CITATIONS
1	Pyrene-based asymmetric hexaarylbenzene derivatives: Synthesis, crystal structures, and photophysical properties. <i>Journal of Luminescence</i> , 2022, 243, 118653.	3.1	3
2	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
3	Synthesis and DFT conformational analysis of trimethyl-functionalized [2.2]metacyclophanes and their Lewis-acid assisted reactions. <i>Journal of Molecular Structure</i> , 2022, 1266, 133523.	3.6	1
4	Short axially asymmetrically 1,3-disubstituted pyrene-based color-tunable emitters: Synthesis, characterization and optical properties. <i>Tetrahedron</i> , 2021, 78, 131828.	1.9	10
5	Lithium calix[4]arenes: structural studies and use in the ring opening polymerization of cyclic esters. <i>RSC Advances</i> , 2021, 11, 11304-11317.	3.6	9
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, structures and DFT calculations of 9-Methoxy[3.3] metaparacyclophanes and their Lewis acid-catalyzed reactivity. <i>Journal of Molecular Structure</i> , 2021, 1236, 130334.	3.6	2
8	Pyrene-fused hexaarylbenzene luminogens: Synthesis, characterization, and aggregation-induced emission enhancement. <i>Dyes and Pigments</i> , 2021, 192, 109452.	3.7	9
9	Calix[3]arene-Analogous Metacyclophanes: Synthesis, Structures and Properties with Infinite Potential. <i>Molecules</i> , 2020, 25, 4202.	3.8	6
10	Synthesis and Structures of [2.2]Metacyclophanes and their Conversion to Highly Strained [2.2]Metacyclophane-1-ynes. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4167-4175.	2.4	1
11	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
12	Studies on Lewis Acid Induced Reactions of 8-Methoxy[2.2]metacyclophanes: A New Synthetic Route to Alkylated Pyrenes. <i>ChemistrySelect</i> , 2020, 5, 1269-1274.	1.5	3
13	Synthesis, Structures and Lewis Acid-Induced Isomerization of 8-Methoxy[2.2]metaparacyclophanes and a DFT Study. <i>ChemistrySelect</i> , 2019, 4, 3630-3635.	1.5	6
14	Pyrene-Fused Pyrazaacenes with Eight Rectilinearly Arranged Aromatic Rings. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 155-160.	2.7	4
15	Two-Photon Absorption Properties of Pyrene-Based Dipolar π -Conjugated Fluorophores. <i>ChemPhotoChem</i> , 2018, 2, 749-756.	3.0	17
16	Multiple Photoluminescence from Pyrene-Fused Hexaarylbenzenes with Aggregation-Enhanced Emission Features. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 444-450.	2.7	18
17	Synthesis and structure of a chiral areno-bridged [2.4]metacyclophane. <i>Tetrahedron</i> , 2018, 74, 329-335.	1.9	4
18	Pyrene-based color-tunable dipolar molecules: Synthesis, characterization and optical properties. <i>Dyes and Pigments</i> , 2018, 153, 125-131.	3.7	25

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19	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
20	Vanadyl sulfates: molecular structure, magnetism and electrochemical activity. <i>Dalton Transactions</i> , 2018, 47, 15983-15993.	3.3	7
21	Synthesis, Structures and DFT Computational Studies of [3.1.1]Metacyclophanes Containing Benzofuran Rings. <i>ChemistrySelect</i> , 2018, 3, 13542-13547.	1.5	6
22	Reduction of phenylacetylenes using Raney Ni-Al alloy, Al powder in the presence of noble metal catalysts in water. <i>Arkivoc</i> , 2018, 2018, 241-251.	0.5	2
23	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
24	A Hexahomotrioxacalix[3]arene-Based Ditopic Receptor for Alkylammonium Ions Controlled by Ag ⁺ Ions. <i>Molecules</i> , 2018, 23, 467.	3.8	3
25	Synthesis and Structure of 1,2-Dimethylene[2.10]metacyclophane and Its Conversion into Chiral [10]Benzenometacyclophanes. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1721-1726.	2.4	7
26	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
27	Synthesis and fluorescence emission properties of D-D monomers based on dithieno[3,2-b:2',3'-d]thiophene. <i>Journal of Luminescence</i> , 2017, 188, 388-393.	3.1	6
28	Synthesis and conformations of [2.n]metacyclophan-1-ene epoxides and their conversion to [n.1]metacyclophanes. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3519-3527.	2.8	7
29	D-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
30	Synthesis of Mono-O-alkylated Homooxacalix[3]arene and a Protection-Deprotection Strategy for Homooxacalix[3]arene. <i>Organic Letters</i> , 2017, 19, 66-69.	4.6	8
31	Synthesis, Conformational Properties and DFT Computational Studies of Polymethyl-Substituted [3.3]Metacyclophanes. <i>ChemistrySelect</i> , 2017, 2, 7255-7262.	1.5	8
32	Pyrene-Based Approach to Tune Emission Color from Blue to Yellow. <i>Journal of Organic Chemistry</i> , 2017, 82, 7176-7182.	3.2	37
33	A Rare and Exclusive Endoperoxide Photoproduct Derived from a Thiacalix[4]arene Crown-Shaped Derivative Bearing a 9,10-Substituted Anthracene Moiety. <i>Chemistry - an Asian Journal</i> , 2016, 11, 1606-1612.	3.3	10
34	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
35	A study of anion binding behaviour of 1,3-alternate thiacalix[4]arene-based receptors bearing urea moieties. <i>New Journal of Chemistry</i> , 2016, 40, 9245-9251.	2.8	10
36	Synthesis, Structures and Conformational Studies of 1,2-Dimethyl[2.10]metacyclophanenes. <i>ChemistrySelect</i> , 2016, 1, 3594-3600.	1.5	9

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37	Reduction of diphenylacetylene using Al powder in the presence of noble metal catalysts in water. <i>Tetrahedron</i> , 2016, 72, 6943-6947.	1.9	6
38	Thiacalix[4]arene Derivatives Bearing Imidazole Units: A Ditopic Hard/Soft Receptor for Na ⁺ and K ⁺ /Ag ⁺ with an Allosteric Effect and a Reusable Extractant for Dichromate Anions. <i>ChemistrySelect</i> , 2016, 1, 1541-1547.	1.5	7
39	A novel fluorescence "off-on" chemosensor for Hg ²⁺ via a water-assistant blocking heavy atom effect. <i>Dalton Transactions</i> , 2016, 45, 14948-14953.	3.3	17
40	Extended π -Conjugated Pyrene Derivatives: Structural, Photophysical and Electrochemical Properties. <i>ChemistrySelect</i> , 2016, 1, 1926-1932.	1.5	3
41	An Unprecedented Photochemical Reaction for Anthracene-Containing Derivatives. <i>ChemPhysChem</i> , 2016, 17, 3217-3222.	2.1	4
42	Synthesis and evaluation of a novel fluorescent sensor based on hexahomotrioxacalix[3]arene for Zn ²⁺ and Cd ²⁺ . <i>Tetrahedron</i> , 2016, 72, 4854-4858.	1.9	16
43	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
44	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
45	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
46	Synthesis and structures of O-anthrylmethyl-substituted hexahomotrioxacalix[3]arenes. <i>Journal of Molecular Structure</i> , 2016, 1120, 274-280.	3.6	1
47	Demethylation of 5,n-di-tert-butyl-8,n-dimethoxy[2.n]metacyclophane-1-yne with BBr ₃ to afford novel [n]benzofuranophanes. <i>Journal of Molecular Structure</i> , 2016, 1122, 247-255.	3.6	10
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	A multichannel thiacalix[4]arene-based fluorescent chemosensor for Zn ²⁺ , F ⁻ ions and imaging of living cells. <i>Supramolecular Chemistry</i> , 2016, 28, 418-426.	1.2	3
50	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
51	IBX Oxidation of Benzenedimethanols in the Presence of Cucurbit[8]uril. <i>Chinese Journal of Chemistry</i> , 2015, 33, 545-549.	4.9	7
52	The first study about the relationship between the extractability of thiacalix[4]arene derivatives and the position of the coordination binding sites. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 3476-3483.	2.8	9
53	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
54	Host-guest interaction of hemicucurbiturils with phenazine hydrochloride salt. <i>Supramolecular Chemistry</i> , 2015, 27, 37-43.	1.2	13

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55	Influence of substituent position on thermal properties, photoluminescence and morphology of pyrene-fluorene derivatives. <i>Journal of Molecular Structure</i> , 2015, 1086, 216-222.	3.6	18
56	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
57	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
58	Solvent effect and fluorescence response of the 7-tert-butylpyrene-dipicolylamine linkage for the selective and sensitive response toward Zn ²⁺ and Cd ²⁺ ions. <i>New Journal of Chemistry</i> , 2015, 39, 4055-4062.	2.8	28
59	Synthesis and conformational studies of chiral macrocyclic [1.1.1]metacyclophanes containing benzofuran rings. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 9055-9064.	2.8	17
60	Synthesis and conformational studies of calixarene analogue chiral [3.3.1]metacyclophanes. <i>Journal of Molecular Structure</i> , 2015, 1098, 47-54.	3.6	18
61	Reduction of carbonyl compounds by Raney Ni-Al alloy and Al powder in the presence of noble metal catalysts in water. <i>Comptes Rendus Chimie</i> , 2015, 18, 685-692.	0.5	8
62	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
63	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
64	A pyrene-armed hexahomotrioxalix[3]arene as a multi-sensor via synergistic and demetallation effects. <i>Tetrahedron</i> , 2015, 71, 9593-9597.	1.9	8
65	Synthesis and fluorescence properties of a 1,3-disubstituted thiacalix[4]arene crown-5 armed with phenothiazine moieties. <i>Science China Chemistry</i> , 2015, 58, 539-544.	8.2	4
66	Iron(III) bromide catalyzed bromination of 2-tert-butylpyrene and corresponding position-dependent aryl-functionalized pyrene derivatives. <i>RSC Advances</i> , 2015, 5, 8835-8848.	3.6	17
67	Synthesis and Conformational Studies on [3.3.3]Metacyclophane Oligoketone Derivatives, and Their Metal Ion Recognition. <i>International Journal of Organic Chemistry</i> , 2015, 05, 126-135.	0.7	3
68	Effect of HNO ₃ and H ₃ PO ₄ on Ion Exchange of Natural Zeolite for Making Agricultural Cultivation Solution from Seawater. <i>International Journal of the Society of Materials Engineering for Resources</i> , 2014, 20, 109-112.	0.1	2
69	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
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	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
72	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

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73	Synthesis and inclusion behavior of a heterotopic receptor based on hexahomotrioxacalix[3]arene. <i>RSC Advances</i> , 2014, 4, 31469-31475.	3.6	7
74	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
75	Synthesis and fluorescence emission properties of 1,3,6,8-tetraarylpyrenes. <i>Journal of Molecular Structure</i> , 2013, 1047, 194-203.	3.6	13
76	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
77	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
78	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
79	Synthesis and photoreaction of polymethyl substituted [2.2]metaparacyclophanes. <i>Journal of Molecular Structure</i> , 2013, 1037, 271-275.	3.6	5
80	Hemicucurbit[6]uril-induced aerobic oxidation of heterocyclic compounds. <i>Journal of Molecular Catalysis A</i> , 2013, 379, 287-293.	4.8	20
81	Synthesis, crystal structure and photophysical properties of 5-mono- and 5,9-bis-(arylethynyl)-functionalized pyrenes. <i>Journal of Luminescence</i> , 2013, 141, 111-120.	3.1	6
82	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
83	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
84	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
85	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
86	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
87	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
88	Reactions of Dimethyl Ethylenedicarboxylate with (Substituted Ethylidene)hydrazinocarbothioamides. <i>Journal of Heterocyclic Chemistry</i> , 2013, 50, 473-477.	2.6	10
89	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
90	An Efficient Approach to the Synthesis of Novel Pyrene-Fused Azaacenes. <i>Organic Letters</i> , 2013, 15, 3594-3597.	4.6	48

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91	Pyrolysis of Dimethoxy[n.2]Metacyclophanes: An Intramolecular Condensation Reaction to Give Oxa[n.2.1](1,3,2)Cyclophanes. <i>Journal of Chemical Research</i> , 2012, 36, 134-137.	1.3	1
92	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
93	Highly emissive hand-shaped π -conjugated alkynylpyrenes: Synthesis, structures, and photophysical properties. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 2255.	2.8	30
94	Hexahomotrioxacalix[3]arene derivatives as ionophores for molecular recognition of dopamine, serotonin and phenylethylamine. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 4618.	2.8	19
95	Cellular uptake of a fluorescent vanadyl sulfonylcalix[4]arene. <i>Chemical Communications</i> , 2012, 48, 1129-1131.	4.1	26
96	Synthesis and intramolecular hydrogen bonding of <i>syn</i> -9-hydroxy-18-substituted [3.3]metacyclophanes. <i>Canadian Journal of Chemistry</i> , 2012, 90, 222-229.	1.1	6
97	Synthesis and Structure of 2,3-Bis(5-tert-butyl-2-methoxyphenyl)buta-1,3-diene by Bromine Elimination of (Z)-1,4-Dibromo-2,3-bis(5-tert-butyl-2-methoxyphenyl)-2-butene. <i>Synthetic Communications</i> , 2012, 42, 3128-3139.	2.1	1
98	Synthesis and inclusion properties of C ₃ -symmetric triazole derivatives based on hexahomotrioxacalix[3]arene. <i>New Journal of Chemistry</i> , 2012, 36, 2580.	2.8	6
99	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
100	Supramolecular catalysis of esterification by hemicucurbiturils under mild conditions. <i>Journal of Molecular Catalysis A</i> , 2012, 365, 181-185.	4.8	27
101	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
102	Use of a new thiocalix[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
103	Synthesis and Conformational Studies of Some Metacyclophane Compounds. <i>International Journal of Organic Chemistry</i> , 2012, 02, 152-158.	0.7	5
104	Ethylene Polymerization Catalysis by Vanadium-Based Systems Bearing Sulfur-Bridged Calixarenes. <i>Organometallics</i> , 2011, 30, 5620-5624.	2.3	36
105	Ratiometric Fluorescent Receptors for Both Zn^{2+} and H_2PO_4^- Ions Based on a Pyrenyl-Linked Triazole-Modified Homooxacalix[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
106	Synthesis, crystal structure and complexation behaviour of a thiocalix[4]arene bearing 1,2,3-triazole groups. <i>Supramolecular Chemistry</i> , 2011, 23, 689-695.	1.2	8
107	Novel ion-pair receptors based on hexahomotrioxacalix[3]arene derivatives. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 6535.	2.8	23
108	Pyrene-Linked Triazole-Modified Homooxacalix[3]arene: A Unique C ₃ Symmetry Ratiometric Fluorescent Chemosensor for Pb^{2+} . <i>Organic Letters</i> , 2011, 13, 552-555.	4.6	113

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109	Heteroditopic receptors tris(2-pyridylamide) derivatives derived from hexahomotrioxacalix[3]arene triacetic acid. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 70, 69-80.	1.6	5
110	Synthesis, structure and inclusion properties of cone-tris{[(5- ϵ -methyl-2,2- ϵ -bipyridyl)-5-yl]oxycarbonylmethoxy}hexahomotrioxacalix[3]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 71, 231-237.	1.6	7
111	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
112	Fundamental Study on Desalination Treatment of Anions in Seawater with AgNO ₃ and Pb (NO ₃) ₂ . <i>Journal of the Society of Materials Engineering for Resources of Japan</i> , 2011, 23, 33-37.	0.2	0
113	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
114	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
115	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
116	Removal of NaCl from seawater using natural zeolite. <i>Toxicological and Environmental Chemistry</i> , 2010, 92, 21-26.	1.2	24
117	Synthesis and Fluorescence Emission Properties of 1,3,6,8-Tetrakis(9H-Fluoren-2-yl)Pyrene Derivative. <i>Journal of Chemical Research</i> , 2010, 34, 278-282.	1.3	8
118	Synthesis of 4,16-Dimethoxy-1,2-Dimethyl[2.4]Metacyclophan-1-Ene and 8,17-Dimethoxy-1,2-Dimethyl-10-Thia[2.3.4](1,3,5)Cyclophan-1-Ene. <i>Journal of Chemical Research</i> , 2010, 34, 445-448.	1.3	4
119	Synthesis, Structure and Inclusion Properties of distal-bis{[(5- ϵ -methyl-2,2- ϵ -bipyridyl)-5-yl]methoxy}tetrathiacalix[4]arene with 1,3-alternate Conformation. <i>Journal of Chemical Research</i> , 2009, 2009, 104-108.	1.3	2
120	Synthesis and Spectral Properties of 2,7-di- <i>tert</i> -butyl-4,9-bis(arylethynyl)-and 4,10-bis(arylethynyl)pyrenes. <i>Journal of Chemical Research</i> , 2009, 2009, 109-113.	1.3	7
121	Hydrogen bonding receptors of tetraamide derivatives derived from thiacalix[4]arene in cone- and 1,3-alternate conformation. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 301-308.	1.6	7
122	Synthesis of 5- <i>tert</i> -butyl-8,12,14-trimethyl- and 5- <i>tert</i> -butyl-8,12,14,16-tetramethyl[2.2]metacyclophane and their treatment with Lewis acids in benzene. <i>Journal of Chemical Research</i> , 2009, 2009, 443-447.	1.3	3
123	Synthesis of polymethyl substituted [2.2]metaparacyclophanes and their Lewis-acid induced isomerisation to [2.2]metacyclophanes. <i>Journal of Chemical Research</i> , 2009, 2009, 244-247.	1.3	4
124	Synthesis and conformational studies of 9-substituted [3.3]metacyclophane-2,11-diones and conversion to the corresponding [3.3]metacyclophanes. <i>Journal of Chemical Research</i> , 2009, 2009, 60-64.	1.3	4
125	Metal template effect on O-alkylation of tetrathiacalix[4]arene with 2-bromoacetamide to afford tetrakis(carbamoylmethoxy)thiacalix [4]arenes with cone and 1,3-alternate conformation. <i>Journal of Chemical Research</i> , 2009, 2009, 1-4.	1.3	1
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