

Pablo Ballester

List of Publications by Year in descending order

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274
papers

13,886
citations

23879

60
h-index

32181

105
g-index

322
all docs

322
docs citations

322
times ranked

11193
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dinuclear Metallobridged Super Arylâ€Extended Calix[4]pyrrole Cavitand. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	7.2	1
2	Potentiometric detection of creatinine in the presence of nicotine: Molecular recognition, sensing and quantification through multivariate regression. <i>Talanta</i> , 2022, 246, 123473.	2.9	4
3	Chloride Binding Properties of a Macrocyclic Receptor Equipped with an Acetylide Gold(I) Complex: Synthesis, Characterization, Reactivity, and Cytotoxicity Studies. <i>Inorganics</i> , 2022, 10, 95.	1.2	2
4	Dysprosium-directed metallosupramolecular network on graphene/Ir(111). <i>Chemical Communications</i> , 2021, 57, 1380-1383.	2.2	12
5	Expanding Coefficient: A Parameter To Assess the Stability of Induced-Fit Complexes. <i>Organic Letters</i> , 2021, 23, 1804-1808.	2.4	4
6	Hydrolysis of Aliphatic Bisâ€nitriles in the Presence of a Polar Super Arylâ€Extended Calix[4]pyrrole Container. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10359-10365.	7.2	16
7	Hydrolysis of Aliphatic Bisâ€nitriles in the Presence of a Polar Super Arylâ€Extended Calix[4]pyrrole Container. <i>Angewandte Chemie</i> , 2021, 133, 10447-10453.	1.6	2
8	High-Fidelity Sequence-Selective Duplex Formation by Recognition-Encoded Melamine Oligomers. <i>Journal of the American Chemical Society</i> , 2021, 143, 8669-8678.	6.6	19
9	Water and the Cationâ€Interaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 12397-12403.	6.6	18
10	Hydrogenâ€Bonded Dimeric Capsules with Appended Spiropyran Units: Towards Controlled Cargo Release. <i>Chemistry - A European Journal</i> , 2021, 27, 12675-12685.	1.7	10
11	Molecular Recognition in Water Using Macrocyclic Synthetic Receptors. <i>Chemical Reviews</i> , 2021, 121, 2445-2514.	23.0	158
12	Supramolecular fluorescence sensing of <scp></scp>-proline and <scp></scp>-pipecolic acid. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2402-2412.	2.3	9
13	Self-assembly of a water-soluble endohedrally functionalized coordination cage including polar guests. <i>Chemical Science</i> , 2021, 12, 13469-13476.	3.7	8
14	The effect of solvent on the binding of anions and ion-pairs with a neutral [2]rotaxane. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9986-9995.	1.5	6
15	Rigidified Cavitand Hosts in Water: Bent Guests, Shape Selectivity, and Encapsulation. <i>Journal of the American Chemical Society</i> , 2021, 143, 19517-19524.	6.6	22
16	Influence of the Attachment of a Gold(I) Phosphine Moiety at the Upper Rim of a Calix[4]pyrrole on the Binding of Tetraalkylammonium Chloride Salts. <i>Chemistry - A European Journal</i> , 2020, 26, 3348-3357.	1.7	7
17	Thread based microfluidic platform for urinary creatinine analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127407.	4.0	17
18	Aromaticity and Chemical Bonding of Chalcogenâ€Bonded Capsules Featuring Enhanced Magnetic Anisotropy. <i>ChemPhysChem</i> , 2020, 21, 2187-2195.	1.0	5

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19	Facilitated Diffusion of Proline across Membranes of Liposomes and Living Cells by a Calix[4]pyrrole Cavitand. <i>CheM</i> , 2020, 6, 3054-3070.	5.8	20
20	Outstanding Reviewers for <i>Organic Chemistry Frontiers</i> in 2019. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1429-1429.	2.3	0
21	Kinetic Stabilities and Exchange Dynamics of Water-Soluble Bis-Formamide Caviplexes Studied Using Diffusion-Ordered NMR Spectroscopy (DOSY). <i>Chemistry - A European Journal</i> , 2020, 26, 8220-8225.	1.7	10
22	Chalcogen Bonding and Hydrophobic Effects Force Molecules into Small Spaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 5876-5883.	6.6	54
23	Optical Supramolecular Sensing of Creatinine. <i>Journal of the American Chemical Society</i> , 2020, 142, 4276-4284.	6.6	61
24	Synthesis, X-ray Characterization and Density Functional Theory (DFT) Studies of Two Polymorphs of the <i>l,l,l,l</i> Isomer of Tetra- <i>p</i> -Iodophenyl Tetramethyl Calix[4]pyrrole: On the Importance of Halogen Bonds. <i>Molecules</i> , 2020, 25, 285.	1.7	3
25	Guest Exchange Mechanisms in Mono-Metallic Pd ^{II} /Pt ^{II} Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie</i> , 2019, 131, 16251-16255.	1.6	13
26	Guest Exchange Mechanisms in Mono-Metallic Pd ^{II} /Pt ^{II} Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16105-16109.	7.2	24
27	Relative hydrophilicities of <i>cis</i> and <i>trans</i> formamides. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19815-19820.	3.3	11
28	Ionophore-Based Optical Sensor for Urine Creatinine Determination. <i>ACS Sensors</i> , 2019, 4, 421-426.	4.0	27
29	Influence of the Insertion Method of Aryl-Extended Calix[4]pyrroles into Liposomal Membranes on Their Properties as Anion Carriers. <i>Chemistry - A European Journal</i> , 2019, 25, 4775-4781.	1.7	20
30	A mono-metallic Pd(ⁱⁱ)-cage featuring two different polar binding sites. <i>Chemical Communications</i> , 2019, 55, 604-607.	2.2	27
31	Efficient hydrogen bonding recognition in water using aryl-extended calix[4]pyrrole receptors. <i>Chemical Science</i> , 2019, 10, 2413-2423.	3.7	44
32	Editorial: In celebration of the 75 th birthday of Professor Julius Rebek, Jr.. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1338-1339.	2.3	0
33	Editorial: Supramolecular Aspects in Catalysis. <i>Frontiers in Chemistry</i> , 2019, 7, 174.	1.8	9
34	Quantification of the hydrophobic effect using water-soluble super aryl-extended calix[4]pyrroles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1738-1748.	2.3	24
35	Photoswitchable Host-Guest Systems Incorporating Hemithioindigo and Spiropyran Units. <i>ChemPhotoChem</i> , 2019, 3, 304-317.	1.5	20
36	Oligoamide Foldamers as Helical Chloride Receptors—the Influence of Electron-Withdrawing Substituents on Anion-Binding Interactions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 647-654.	1.7	3

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37	<i>p</i> -Dimethoxybiphenyl Arylamine Substituted Porphyrins as Hole-Transport Materials: Electrochemical, Photophysical, and Carrier Mobility Characterization. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 2064-2070.	1.2	7
38	2-(4-Pyridyl)N-oxide Substituted Hemithioindigos as Photoresponsive Guests for a Super Aryl-Extended Calix[4]pyrrole Receptor. <i>Chemistry - an Asian Journal</i> , 2018, 13, 1632-1639.	1.7	16
39	Synthesis and Binding Studies of a Tetra- Aryl-Extended Photoresponsive Calix[4]pyrrole Receptor Bearing <i>meso</i> -Alkyl Substituents. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 1097-1106.	1.2	21
40	Synthesis and Dimerization Studies of a Lipophilic Photoresponsive Aryl-Extended Tetra-Extended Calix[4]pyrrole. <i>Chemistry - A European Journal</i> , 2018, 24, 2182-2191.	1.7	10
41	Switching from Negative-Cooperativity to No-Cooperativity in the Binding of Ion-Pair Dimers by a Bis(calix[4]pyrrole) Macrocyclic. <i>Journal of Organic Chemistry</i> , 2018, 83, 13507-13514.	1.7	30
42	Boron triel bonding: a weak electrostatic interaction lacking electron-density descriptors. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 24192-24200.	1.3	40
43	Conformational selectivity and high-affinity binding in the complexation of <i>N</i> -phenyl amides in water by a phenyl extended calix[4]pyrrole. <i>Chemical Science</i> , 2018, 9, 7186-7192.	3.7	32
44	Enhanced Photosensitive Schottky Diode Behavior of Pyrazine over 2-Aminopyrimidine Ligand in Copper(II)-Phthalate MOFs: Experimental and Theoretical Rationalization. <i>ACS Omega</i> , 2018, 3, 9160-9171.	1.6	26
45	A Metal-Organic Framework Based on a Tetra-Aryl-extended Calix[4]pyrrole Ligand: Structure Control through the Covalent Connectivity of the Linker. <i>Crystal Growth and Design</i> , 2017, 17, 1328-1338.	1.4	15
46	Preservation of electronic properties of double-decker complexes on metallic supports. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 8282-8287.	1.3	7
47	Selection and characterization of DNA aptamers against the steroid testosterone. <i>Mikrochimica Acta</i> , 2017, 184, 1631-1639.	2.5	27
48	Self-Assembly of Di-N-Heterocyclic Carbene-Gold-Adorned Corannulenes on C ₆₀ . <i>Chemistry - A European Journal</i> , 2017, 23, 10644-10651.	1.7	13
49	Light-responsive molecular containers. <i>Chemical Communications</i> , 2017, 53, 4635-4652.	2.2	106
50	Solid-state inclusion of C ₆₀ and C ₇₀ in a co-polymer induced by metal-ligand coordination of a Zn-porphyrin cage with a bis-pyridyl perylene derivative. <i>CrystEngComm</i> , 2017, 19, 4911-4919.	1.3	14
51	Stereoselective Synthesis of Lower and Upper Rim Functionalized Tetra- Isomers of Calix[4]pyrroles. <i>Organic Letters</i> , 2017, 19, 226-229.	2.4	14
52	Template-directed self-assembly of dynamic covalent capsules with polar interiors. <i>Chemical Science</i> , 2017, 8, 7746-7750.	3.7	28
53	Attachment of a Ru ^{II} Complex to a Self-Folding Hexaamide Deep Cavitand. <i>Journal of the American Chemical Society</i> , 2017, 139, 12109-12112.	6.6	16
54	Characterization of a new ionophore-based ion-selective electrode for the potentiometric determination of creatinine in urine. <i>Biosensors and Bioelectronics</i> , 2017, 87, 587-592.	5.3	62

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55	Ion-pair recognition by a neutral [2]rotaxane based on a bis-calix[4]pyrrole cyclic component. <i>Chemical Science</i> , 2017, 8, 491-498.	3.7	51
56	H-Bonding Assembly of Macrocycles. , 2016, , .		0
57	Recognition and Sensing of Creatinine. <i>Angewandte Chemie</i> , 2016, 128, 2481-2486.	1.6	13
58	Persistence of slow dynamics in Tb(OETAP) ₂ single molecule magnets embedded in conducting polymers. <i>Journal of Physics Condensed Matter</i> , 2016, 28, 386002.	0.7	0
59	Macrocyclic Tetraamines: Synthesis and Reversible Uptake of Diethyl Phthalate by a Porous Macrocycle. <i>Journal of Organic Chemistry</i> , 2016, 81, 5173-5180.	1.7	10
60	Hydration of aromatic alkynes catalyzed by a self-assembled hexameric organic capsule. <i>Catalysis Science and Technology</i> , 2016, 6, 6031-6036.	2.1	34
61	Super Arylâ€Extended Calix[4]pyrroles: Synthesis, Binding Studies, and Attempts To Gain Water Solubility. <i>Chemistry - A European Journal</i> , 2016, 22, 13682-13689.	1.7	26
62	Self-Assembled Dimeric Containers Based on Calix[4]arene, Resorcin[4]arene and Calix[4]pyrrole Scaffolds. , 2016, , 843-878.		0
63	Study of the coordination of quinuclidine to a chiral zinc phthalocyanine dimer. <i>Journal of Porphyrins and Phthalocyanines</i> , 2016, 20, 1224-1232.	0.4	1
64	Thermal selectivity of intermolecular versus intramolecular reactions on surfaces. <i>Nature Communications</i> , 2016, 7, 11002.	5.8	66
65	The Origin of Selectivity in the Complexation of <i>N</i> -Methyl Amino Acids by Tetraphosphonate Cavitands. <i>Journal of the American Chemical Society</i> , 2016, 138, 8569-8580.	6.6	60
66	A chiral â€Siamese-Twinâ€-calix[4]pyrrole tetramer. <i>Chemical Science</i> , 2016, 7, 5976-5982.	3.7	13
67	Rational design of a supramolecular gel based on a Zn(<i>salophen</i> bis-dipeptide derivative). <i>RSC Advances</i> , 2016, 6, 57306-57309.	1.7	19
68	Recognition and Sensing of Creatinine. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 2435-2440.	7.2	58
69	Moving systems of polar dimeric capsules out of thermal equilibrium by light irradiation. <i>Chemical Communications</i> , 2016, 52, 3046-3049.	2.2	32
70	Stabilization of reactive species by supramolecular encapsulation. <i>Chemical Society Reviews</i> , 2016, 45, 1720-1737.	18.7	284
71	Intermittent compression of <i>N</i> -alkyl- <i>N,N</i> -dimethylamine <i>N</i> -oxides encapsulated in a container with bis[2]catenane topology. <i>Supramolecular Chemistry</i> , 2016, 28, 455-463.	1.5	3
72	Solid lipid nanoparticles from amphiphilic calixpyrroles. <i>Journal of Colloid and Interface Science</i> , 2016, 464, 59-65.	5.0	16

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73	Molecular Motion and Conformational Interconversion of Ir ^{III} -COD Included in Rebek's Self-Folding Octamide Cavitand. <i>Journal of the American Chemical Society</i> , 2016, 138, 2273-2279.	6.6	11
74	Resolving the Magnetic Asymmetry of the Inner Space in Self-assembled Dimeric Capsules Based on Tetraurea-calix[4]pyrrole Components. <i>Chimia</i> , 2015, 69, 652-658.	0.3	2
75	Benzene Detection: Deep Cavitand Self-Assembled on Au NPs@MWCNT as Highly Sensitive Benzene Sensing Interface (Adv. Funct. Mater. 26/2015). <i>Advanced Functional Materials</i> , 2015, 25, 4172-4172.	7.8	1
76	Unexpected Squaramide-Induced Cleavage of Benzils: Synthesis and Characterization of Mono-Aroyl Squarimides. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7656-7660.	1.2	2
77	Chloride-Selective Electrodes Based on α -Two-Wall-Aryl-Extended Calix[4]Pyrroles: Combining Hydrogen Bonds and Anion- π Interactions to Achieve Optimum Performance. <i>Chemistry - A European Journal</i> , 2015, 21, 448-454.	1.7	32
78	Deep Cavitand Self-Assembled on Au NPs@MWCNT as Highly Sensitive Benzene Sensing Interface. <i>Advanced Functional Materials</i> , 2015, 25, 4011-4020.	7.8	65
79	Nature of Noncovalent Carbon-Bonding Interactions Derived from Experimental Charge-Density Analysis. <i>ChemPhysChem</i> , 2015, 16, 2530-2533.	1.0	57
80	A Porphyrin Coordination Cage Assembled from Four Silver(I) Triazolyl-Pyridine Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 15339-15348.	1.7	26
81	Quantification of CH- π Interactions Using Calix[4]pyrrole Receptors as Model Systems. <i>Molecules</i> , 2015, 20, 16672-16686.	1.7	26
82	Rationalization of Noncovalent Interactions within Six New M ^{II} /8-Aminoquinoline Supramolecular Complexes (M ^{II} = Mn, Cu, and Cd): A Combined Experimental and Theoretical DFT Study. <i>Crystal Growth and Design</i> , 2015, 15, 1351-1361.	1.4	97
83	Tetra-phosphonate Calix[4]pyrrole Cavitands as Multitopic Receptors for the Recognition of Ion Pairs. <i>Journal of the American Chemical Society</i> , 2015, 137, 2047-2055.	6.6	59
84	Hydrogen Bonded Squaramide-Based Foldable Module Induces Both β - and α -Turns in Hairpin Structures of β -Peptides in Water. <i>Organic Letters</i> , 2015, 17, 2980-2983.	2.4	18
85	Supramolecular Catalysis. , 2015, , .		1
86	Ordered co-encapsulation of chloride with polar neutral guests in a tetraurea calix[4]pyrrole dimeric capsule. <i>Chemical Science</i> , 2015, 6, 6325-6333.	3.7	14
87	Synthesis, X-ray characterization and DFT studies of N-benzimidazolyl-pyrimidine-M(^{II}) complexes (M = Cu, Co and Ni): the prominent role of π -hole and anion- π interactions. <i>CrystEngComm</i> , 2015, 17, 5987-5997.	1.3	18
88	Reconciling Experiment and Theory in the Use of Aryl-Extended Calix[4]pyrrole Receptors for the Experimental Quantification of Chloride- π Interactions in Solution. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8934-8948.	1.8	10
89	Unexpected Emission Properties of a 1,8-Naphthalimide Unit Covalently Appended to a Zn-Salophen. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 2664-2670.	1.0	8
90	Reversible Light-Controlled Cargo Release in Hydrogen-Bonded Dimeric Capsules. <i>Journal of Organic Chemistry</i> , 2015, 80, 10866-10873.	1.7	37

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91	A crystalline sponge based on dispersive forces suitable for X-ray structure determination of included molecular guests. <i>Chemical Science</i> , 2015, 6, 5466-5472.	3.7	54
92	Molecular containers. <i>Chemical Society Reviews</i> , 2015, 44, 392-393.	18.7	132
93	Water-soluble aryl-extended calix[4]pyrroles with unperturbed aromatic cavities: synthesis and binding studies. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 1022-1029.	1.5	26
94	3-Picoline Mediated Self-Assembly of M(II) Malonate Complexes (M = Ni/Co/Mn/Mg/Zn/Cu) Assisted by Various Weak Forces Involving Lone Pair, π , and Anion-Hole Interactions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14713-14726.	1.2	81
95	Porphyrin tweezer receptors: Binding studies, conformational properties and applications. <i>Coordination Chemistry Reviews</i> , 2014, 258-259, 137-156.	9.5	92
96	Crystal structures and DFT calculations of new chlorido-dimethylsulfoxide-MIII (M = Ir, Ru, Rh) complexes with the N-pyrazolyl pyrimidine donor ligand: kinetic vs. thermodynamic isomers. <i>Dalton Transactions</i> , 2014, 43, 6353.	1.6	6
97	Self-Sorting of Cyclic Peptide Homodimers into a Heterodimeric Assembly Featuring an Efficient Photoinduced Intramolecular Electron Transfer Process. <i>Chemistry - A European Journal</i> , 2014, 20, 3427-3438.	1.7	15
98	Highly efficient coordination of Hg ²⁺ and Pb ²⁺ metals in water with squaramide-coated Fe ₃ O ₄ nanoparticles. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8796-8803.	5.2	18
99	Supramolecular catalysis. Part 1: non-covalent interactions as a tool for building and modifying homogeneous catalysts. <i>Chemical Society Reviews</i> , 2014, 43, 1660-1733.	18.7	605
100	Supramolecular catalysis. Part 2: artificial enzyme mimics. <i>Chemical Society Reviews</i> , 2014, 43, 1734-1787.	18.7	775
101	On the importance of non covalent interactions in the structure of coordination Cu(II) and Co(II) complexes of pyrazine- and pyridine-dicarboxylic acid derivatives: experimental and theoretical views. <i>CrystEngComm</i> , 2014, 16, 6149-6158.	1.3	57
102	Thermodynamic Characterization of Halide Interactions in Solution Using Two-Wall Aryl Extended Calix[4]pyrroles as Model System. <i>Journal of the American Chemical Society</i> , 2014, 136, 3208-3218.	6.6	96
103	The use of Mo κ radiation in the assignment of the absolute configuration of light-atom molecules; the importance of high-resolution data. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2014, 70, 660-668.	0.5	28
104	Binding of calix[4]pyrroles to pyridine N-oxides probed with surface plasmon resonance. <i>Chemical Science</i> , 2014, 5, 4210-4215.	3.7	7
105	Single-Molecule Magnet Behavior in the Family of [Ln(OETAP) ₂] Double-Decker Complexes (Ln=Lanthanide, OETAP=Octa(ethyl)tetraazaporphyrin). <i>Chemistry - A European Journal</i> , 2014, 20, 12817-12825.	1.7	29
106	Synthesis, Structure, and Binding Properties of Lipophilic Cavitands Based on a Calix[4]pyrrole-Resorcinarene Hybrid Scaffold. <i>Journal of Organic Chemistry</i> , 2014, 79, 5545-5557.	1.7	29
107	Reversible photocontrolled disintegration of a dimeric tetraurea-calix[4]pyrrole capsule with all-trans appended azobenzene units. <i>Chemical Science</i> , 2014, 5, 4260-4264.	3.7	42
108	Pyridyl-Decorated Self-Folding Heptaamide Cavitands as Ligands in the Rhodium-Catalyzed Hydrogenation of Norbornadiene. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4276-4282.	1.2	5

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109	Supramolecular Catalysis. , 2013, , 457-486.		3
110	Kinetic Stabilization of N,N-Dimethyl-2-propyn-1-amine N-Oxide by Encapsulation. Organic Letters, 2013, 15, 4976-4979.	2.4	14
111	Hydrogen bonded supramolecular capsules with functionalized interiors: the controlled orientation of included guests. Chemical Society Reviews, 2013, 42, 3261.	18.7	156
112	Encapsulation Studies of Cationic Gold Complexes within a Self-Assembled Hexameric Resorcin[4]arene Capsule. European Journal of Organic Chemistry, 2013, 2013, 1494-1500.	1.2	37
113	Experimental Quantification of Anion-π Interactions in Solution Using Neutral Host-Guest Model Systems. Accounts of Chemical Research, 2013, 46, 874-884.	7.6	210
114	Different Nature of the Interactions between Anions and HAT(CN) ₆ : From Reversible Anion-π Complexes to Irreversible Electron-Transfer Processes (HAT(CN) ₆ =) Tj ETQq0 0 0 rgBT /Overclock 10 Tf 50 537 T		
115	Quantification of Nitrate-π Interactions and Selective Transport of Nitrate Using Calix[4]pyrroles with Two Aromatic Walls. Journal of the American Chemical Society, 2013, 135, 8324-8330.	6.6	147
116	Highly Cooperative Binding of Ion-Pair Dimers and Ion Quartets by a Bis(calix[4]pyrrole) Macrotricyclic Receptor. Angewandte Chemie - International Edition, 2013, 52, 6898-6902.	7.2	42
117	Mechanisms of Catalysis in Confined Spaces: Hydrogenation of Norbornadiene with a Rhodium Complex included in a Self-Folding Cavitand. Current Organic Chemistry, 2013, 17, 1499-1506.	0.9	3
118	Influence of the Solvent and Metal Center on Supramolecular Chirality Induction with Bisporphyrin Tweezer Receptors. Strong Metal Modulation of Effective Molarity Values. Inorganic Chemistry, 2012, 51, 4620-4635.	1.9	42
119	Exploring the Self-Assembly of Polar Dimeric Capsules Using Molecular Rulers. Organic Letters, 2012, 14, 5708-5711.	2.4	18
120	A dissymmetric molecular capsule with polar interior and two mechanically locked hemispheres. Chemical Science, 2012, 3, 186-191.	3.7	31
121	Switching from Separated to Contact Ion-Pair Binding Modes with Diastereomeric Calix[4]pyrrole Bis-phosphonate Receptors. Journal of the American Chemical Society, 2012, 134, 13121-13132.	6.6	45
122	Effect of a methyl group on the spontaneous resolution of a square-pyramidal coordination compound: crystal packing and conglomerate formation. CrystEngComm, 2012, 14, 5854.	1.3	13
123	Polyatomic Anion Assistance in the Assembly of [2]Pseudorotaxanes. Journal of the American Chemical Society, 2012, 134, 10733-10736.	6.6	57
124	Utilization of a heterosupramolecular self-assembled trisporphyrin complex in dye-sensitised solar cells. Energy and Environmental Science, 2011, 4, 528-534.	15.6	13
125	Exclusive Self-Assembly of a Polar Dimeric Capsule between Tetraurea Calix[4]pyrrole and Tetraurea Calix[4]arene. Organic Letters, 2011, 13, 3402-3405.	2.4	29
126	Influencing parameters for the achievement of porphyrin supramolecular architectures on mesoporous metal oxide nanoparticles. Journal of Porphyrins and Phthalocyanines, 2011, 15, 592-597.	0.4	2

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127	Sodium and pH responsive hydrogel formation by the supramolecular system calix[4]pyrrole derivative/tetramethylammonium cation. <i>Chemical Communications</i> , 2011, 47, 2017.	2.2	74
128	Complexation of Sc ₃ N@C ₈₀ Endohedral Fullerene with Cyclic Zn-Bisporphyrins: Solid State and Solution Studies. <i>Journal of Organic Chemistry</i> , 2011, 76, 3258-3265.	1.7	48
129	Supramolecular Capsules Derived from Calixpyrrole Scaffolds. <i>Israel Journal of Chemistry</i> , 2011, 51, 710-724.	1.0	34
130	Regioisomeric Control Induced by DABCO Coordination to Rotatable Self-Assembled Bis- and Tetraporphyrin π - π -Cyclic Octapeptide Dimers. <i>Chemistry - A European Journal</i> , 2011, 17, 1220-1229.	1.7	27
131	Supramolecular Inclusion Complexes of Two Cyclic Zinc Bisporphyrins with C ₆₀ and C ₇₀ : Structural, Thermodynamic, and Photophysical Characterization. <i>Chemistry - A European Journal</i> , 2011, 17, 14564-14577.	1.7	28
132	Modern Strategies in Supramolecular Catalysis. <i>Advances in Catalysis</i> , 2011, 54, 63-126.	0.1	24
133	Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand. <i>Angewandte Chemie</i> , 2010, 122, 7651-7654.	1.6	21
134	Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 7489-7492.	7.2	48
135	Synthesis and binding studies of two new macrocyclic receptors for the stereoselective recognition of dipeptides. <i>Beilstein Journal of Organic Chemistry</i> , 2010, 6, 5.	1.3	4
136	Efficient Self-Sorting of a Racemic Tetra-Urea Calix[4]Pyrrole into a Single Heterodimeric Capsule. <i>Organic Letters</i> , 2010, 12, 1740-1743.	2.4	27
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