

# Pablo Ballester

## List of Publications by Year in descending order

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275  
papers

13,886  
citations

20817  
60  
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28297  
105  
g-index

322  
all docs

322  
docs citations

322  
times ranked

9998  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Dinuclear Metallobridged Super Arylâ€Extended Calix[4]pyrrole Cavitand. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	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.	5.5	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.	2.7	2
4	Dysprosium-directed metallocsupramolecular network on graphene/Ir(111). <i>Chemical Communications</i> , 2021, 57, 1380-1383.	4.1	12
5	Expanding Coefficient: A Parameter To Assess the Stability of Induced-Fit Complexes. <i>Organic Letters</i> , 2021, 23, 1804-1808.	4.6	4
6	Hydrolysis of Aliphatic <i>Bis</i>â€isonitriles in the Presence of a Polar Super Arylâ€Extended Calix[4]pyrrole Container. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10359-10365.	13.8	16
7	Hydrolysis of Aliphatic Bis â€isonitriles in the Presence of a Polar Super Arylâ€Extended Calix[4]pyrrole Container. <i>Angewandte Chemie</i> , 2021, 133, 10447-10453.	2.0	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.	13.7	19
9	Water and the Cationâ€™ Interaction. <i>Journal of the American Chemical Society</i> , 2021, 143, 12397-12403.	13.7	18
10	Hydrogenâ€Bonded Dimeric Capsules with Appended Spiropyran Units: Towards Controlled Cargo Release. <i>Chemistry - A European Journal</i> , 2021, 27, 12675-12685.	3.3	10
11	Molecular Recognition in Water Using Macrocyclic Synthetic Receptors. <i>Chemical Reviews</i> , 2021, 121, 2445-2514.	47.7	158
12	Supramolecular fluorescence sensing of <scp></scp>-proline and <scp></scp>-pipecolic acid. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2402-2412.	4.5	9
13	Self-assembly of a water-soluble endohedrally functionalized coordination cage including polar guests. <i>Chemical Science</i> , 2021, 12, 13469-13476.	7.4	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.	2.8	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.	13.7	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.	3.3	7
17	Thread based microfluidic platform for urinary creatinine analysis. <i>Sensors and Actuators B: Chemical</i> , 2020, 305, 127407.	7.8	17
18	Aromaticity and Chemical Bonding of Chalcogenâ€Bonded Capsules Featuring Enhanced Magnetic Anisotropy. <i>ChemPhysChem</i> , 2020, 21, 2187-2195.	2.1	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.	11.7	20
20	Outstanding Reviewers for <i>Organic Chemistry Frontiers</i> in 2019. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1429-1429.	4.5	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.	3.3	10
22	Chalcogen Bonding and Hydrophobic Effects Force Molecules into Small Spaces. <i>Journal of the American Chemical Society</i> , 2020, 142, 5876-5883.	13.7	54
23	Optical Supramolecular Sensing of Creatinine. <i>Journal of the American Chemical Society</i> , 2020, 142, 4276-4284.	13.7	61
24	Synthesis, X-ray Characterization and Density Functional Theory (DFT) Studies of Two Polymorphs of the $\Delta^1, \Delta^1, \Delta^1, \Delta^1$ Isomer of Tetra- <i>p</i> -Iodophenyl Tetramethyl Calix[4]pyrrole: On the Importance of Halogen Bonds. <i>Molecules</i> , 2020, 25, 285.	3.8	3
25	Guest Exchange Mechanisms in Mono-Metallic Pd <sup>II</sup> /Pt <sup>II</sup> -Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie</i> , 2019, 131, 16251-16255.	2.0	13
26	Guest Exchange Mechanisms in Mono-Metallic Pd <sup>II</sup> /Pt <sup>II</sup> -Cages Based on a Tetra-Pyridyl Calix[4]pyrrole Ligand. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 16105-16109.	13.8	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.	7.1	11
28	Ionophore-Based Optical Sensor for Urine Creatinine Determination. <i>ACS Sensors</i> , 2019, 4, 421-426.	7.8	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.	3.3	20
30	A mono-metallic Pd( <sup>ii</sup> )-cage featuring two different polar binding sites. <i>Chemical Communications</i> , 2019, 55, 604-607.	4.1	27
31	Efficient hydrogen bonding recognition in water using aryl-extended calix[4]pyrrole receptors. <i>Chemical Science</i> , 2019, 10, 2413-2423.	7.4	44
32	Editorial: In celebration of the 75 <sup>th</sup> birthday of Professor Julius Rebek, Jr.. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1338-1339.	4.5	0
33	Editorial: Supramolecular Aspects in Catalysis. <i>Frontiers in Chemistry</i> , 2019, 7, 174.	3.6	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.	4.5	24
35	Photoswitchable Host-Guest Systems Incorporating Hemithioindigo and Spiropyran Units. <i>ChemPhotoChem</i> , 2019, 3, 304-317.	3.0	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.	3.3	3

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37	<i>O</i>, <i>P</i>-Dimethoxybiphenyl Arylamine Substituted Porphyrins as Hole-Transport Materials: Electrochemical, Photophysical, and Carrier Mobility Characterization. European Journal of Organic Chemistry, 2018, 2018, 2064-2070.	2.4	7
38	2-(4-(2-Pyridyl)-N-oxide)-Substituted Hemithioindigos as Photoresponsive Guests for a Super Aryl-Extended Calix[4]pyrrole Receptor. Chemistry - an Asian Journal, 2018, 13, 1632-1639.	3.3	16
39	Synthesis and Binding Studies of a Tetra- Aryl-Extended Photoresponsive Calix[4]pyrrole Receptor Bearing <i>meso</i>-Alkyl Substituents. European Journal of Organic Chemistry, 2018, 2018, 1097-1106.	2.4	21
40	Synthesis and Dimerization Studies of a Lipophilic Photoresponsive Aryl-Extended Tetra-Extended Calix[4]pyrrole. Chemistry - A European Journal, 2018, 24, 2182-2191.	3.3	10
41	Switching from Negative-Cooperativity to No-Cooperativity in the Binding of Ion-Pair Dimers by a Bis(calix[4]pyrrole) Macrocyclic. Journal of Organic Chemistry, 2018, 83, 13507-13514.	3.2	30
42	Boron triel bonding: a weak electrostatic interaction lacking electron-density descriptors. Physical Chemistry Chemical Physics, 2018, 20, 24192-24200.	2.8	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. Chemical Science, 2018, 9, 7186-7192.	7.4	32
44	Enhanced Photosensitive Schottky Diode Behavior of Pyrazine over 2-Aminopyrimidine Ligand in Copper(II)-Phthalate MOFs: Experimental and Theoretical Rationalization. ACS Omega, 2018, 3, 9160-9171.	3.5	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. Crystal Growth and Design, 2017, 17, 1328-1338.	3.0	15
46	Preservation of electronic properties of double-decker complexes on metallic supports. Physical Chemistry Chemical Physics, 2017, 19, 8282-8287.	2.8	7
47	Selection and characterization of DNA aptamers against the steroid testosterone. Mikrochimica Acta, 2017, 184, 1631-1639.	5.0	27
48	Self-Assembly of Di-N-Heterocyclic Carbene-Gold-Adorned Corannulenes on C <sub>60</sub> . Chemistry - A European Journal, 2017, 23, 10644-10651.	3.3	13
49	Light-responsive molecular containers. Chemical Communications, 2017, 53, 4635-4652.	4.1	106
50	Solid-state inclusion of C <sub>60</sub> and C <sub>70</sub> in a co-polymer induced by metal-ligand coordination of a Zn-porphyrin cage with a bis-pyridyl perylene derivative. CrystEngComm, 2017, 19, 4911-4919.	2.6	14
51	Stereoselective Synthesis of Lower and Upper Rim Functionalized Tetra- Isomers of Calix[4]pyrroles. Organic Letters, 2017, 19, 226-229.	4.6	14
52	Template-directed self-assembly of dynamic covalent capsules with polar interiors. Chemical Science, 2017, 8, 7746-7750.	7.4	28
53	Attachment of a Ru <sup>II</sup> Complex to a Self-Folding Hexaamide Deep Cavitand. Journal of the American Chemical Society, 2017, 139, 12109-12112.	13.7	16
54	Characterization of a new ionophore-based ion-selective electrode for the potentiometric determination of creatinine in urine. Biosensors and Bioelectronics, 2017, 87, 587-592.	10.1	62

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55	Ion-pair recognition by a neutral [2]rotaxane based on a bis-calix[4]pyrrole cyclic component. Chemical Science, 2017, 8, 491-498.	7.4	51
56	H-Bonding Assembly of Macrocycles. , 2016, , .		0
57	Recognition and Sensing of Creatinine. Angewandte Chemie, 2016, 128, 2481-2486.	2.0	13
58	Persistence of slow dynamics in Tb(OETAP) <sub>2</sub> single molecule magnets embedded in conducting polymers. Journal of Physics Condensed Matter, 2016, 28, 386002.	1.8	0
59	Macrocyclic Tetraamines: Synthesis and Reversible Uptake of Diethyl Phthalate by a Porous Macrocycle. Journal of Organic Chemistry, 2016, 81, 5173-5180.	3.2	10
60	Hydration of aromatic alkynes catalyzed by a self-assembled hexameric organic capsule. Catalysis Science and Technology, 2016, 6, 6031-6036.	4.1	34
61	Super Arylâ€Extended Calix[4]pyrroles: Synthesis, Binding Studies, and Attempts To Gain Water Solubility. Chemistry - A European Journal, 2016, 22, 13682-13689.	3.3	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. Journal of Porphyrins and Phthalocyanines, 2016, 20, 1224-1232.	0.8	1
64	Thermal selectivity of intermolecular versus intramolecular reactions on surfaces. Nature Communications, 2016, 7, 11002.	12.8	66
65	The Origin of Selectivity in the Complexation of <i>N</i>-Methyl Amino Acids by Tetraphosphonate Cavitands. Journal of the American Chemical Society, 2016, 138, 8569-8580.	13.7	60
66	A chiral â€Siamese-Twinâ€calix[4]pyrrole tetramer. Chemical Science, 2016, 7, 5976-5982.	7.4	13
67	Rational design of a supramolecular gel based on a Zn(<sc>ii</sc>)-salophen bis-dipeptide derivative. RSC Advances, 2016, 6, 57306-57309.	3.6	19
68	Recognition and Sensing of Creatinine. Angewandte Chemie - International Edition, 2016, 55, 2435-2440.	13.8	58
69	Moving systems of polar dimeric capsules out of thermal equilibrium by light irradiation. Chemical Communications, 2016, 52, 3046-3049.	4.1	32
70	Stabilization of reactive species by supramolecular encapsulation. Chemical Society Reviews, 2016, 45, 1720-1737.	38.1	284
71	Intermittent compression of N-alkyl-N,N-dimethylamine N-oxides encapsulated in a container with bis[2]catenane topology. Supramolecular Chemistry, 2016, 28, 455-463.	1.2	3
72	Solid lipid nanoparticles from amphiphilic calixpyrroles. Journal of Colloid and Interface Science, 2016, 464, 59-65.	9.4	16

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73	Molecular Motion and Conformational Interconversion of Ir <sup>III</sup> -COD Included in Rebek's Self-Folding Octaamide Cavitand. <i>Journal of the American Chemical Society</i> , 2016, 138, 2273-2279.	13.7	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.	0.6	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.	14.9	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.	2.4	2
77	Chloride-Selective Electrodes Based on $\alpha$ -Two-Wall-Aryl-Extended Calix[4]Pyrroles: Combining Hydrogen Bonds and Anion- $\pi$ Interactions to Achieve Optimum Performance. <i>Chemistry - A European Journal</i> , 2015, 21, 448-454.	3.3	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.	14.9	65
79	Nature of Noncovalent Carbon-Bonding Interactions Derived from Experimental Charge-Density Analysis. <i>ChemPhysChem</i> , 2015, 16, 2530-2533.	2.1	57
80	A Porphyrin Coordination Cage Assembled from Four Silver(I) Triazolyl-Pyridine Complexes. <i>Chemistry - A European Journal</i> , 2015, 21, 15339-15348.	3.3	26
81	Quantification of CH- $\pi$ Interactions Using Calix[4]pyrrole Receptors as Model Systems. <i>Molecules</i> , 2015, 20, 16672-16686.	3.8	26
82	Rationalization of Noncovalent Interactions within Six New M <sup>II</sup> /8-Aminoquinoline Supramolecular Complexes (M <sup>II</sup> = Mn, Cu, and Cd): A Combined Experimental and Theoretical DFT Study. <i>Crystal Growth and Design</i> , 2015, 15, 1351-1361.	3.0	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.	13.7	59
84	Hydrogen Bonded Squaramide-Based Foldable Module Induces Both $\beta$ - and $\alpha$ -Turns in Hairpin Structures of $\beta$ -Peptides in Water. <i>Organic Letters</i> , 2015, 17, 2980-2983.	4.6	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.	7.4	14
87	Synthesis, X-ray characterization and DFT studies of N-benzimidazolyl-pyrimidine-M( <sup>II</sup> ) complexes (M = Cu, Co and Ni): the prominent role of $\pi$ -hole and anion- $\pi$ interactions. <i>CrystEngComm</i> , 2015, 17, 5987-5997.	2.6	18
88	Reconciling Experiment and Theory in the Use of Aryl-Extended Calix[4]pyrrole Receptors for the Experimental Quantification of Chloride- $\pi$ Interactions in Solution. <i>International Journal of Molecular Sciences</i> , 2015, 16, 8934-8948.	4.1	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.	2.0	8
90	Reversible Light-Controlled Cargo Release in Hydrogen-Bonded Dimeric Capsules. <i>Journal of Organic Chemistry</i> , 2015, 80, 10866-10873.	3.2	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.	7.4	54
92	Molecular containers. <i>Chemical Society Reviews</i> , 2015, 44, 392-393.	38.1	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.	2.8	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 $\pi$ - $\pi$ , $\pi$ - $\pi$ , and Anion $\pi$ - $\pi$ Hole Interactions. <i>Journal of Physical Chemistry B</i> , 2014, 118, 14713-14726.	2.6	81
95	Porphyrin tweezer receptors: Binding studies, conformational properties and applications. <i>Coordination Chemistry Reviews</i> , 2014, 258-259, 137-156.	18.8	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.	3.3	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.	3.3	15
98	Highly efficient coordination of Hg <sup>2+</sup> and Pb <sup>2+</sup> metals in water with squaramide-coated Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Journal of Materials Chemistry A</i> , 2014, 2, 8796-8803.	10.3	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.	38.1	605
100	Supramolecular catalysis. Part 2: artificial enzyme mimics. <i>Chemical Society Reviews</i> , 2014, 43, 1734-1787.	38.1	775
101	On the importance of non covalent interactions in the structure of coordination Cu( $\eta^2$ ) and Co( $\eta^2$ ) complexes of pyrazine- and pyridine-dicarboxylic acid derivatives: experimental and theoretical views. <i>CrystEngComm</i> , 2014, 16, 6149-6158.	2.6	57
102	Thermodynamic Characterization of Halide $\pi$ - $\pi$ Interactions in Solution Using $\pi$ -Two-Wall $\pi$ -Aryl Extended Calix[4]pyrroles as Model System. <i>Journal of the American Chemical Society</i> , 2014, 136, 3208-3218.	13.7	96
103	The use of Mo $\mu$ SR 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.	1.1	28
104	Binding of calix[4]pyrroles to pyridine N-oxides probed with surface plasmon resonance. <i>Chemical Science</i> , 2014, 5, 4210-4215.	7.4	7
105	Single-Molecule-Magnet Behavior in the Family of [Ln(OETAP) <sub>2</sub> ] Double-Decker Complexes (Ln=Lanthanide, OETAP=Octa(ethyl)tetraazaporphyrin). <i>Chemistry - A European Journal</i> , 2014, 20, 12817-12825.	3.3	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.	3.2	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.	7.4	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.	2.4	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.	4.6	14
111	Hydrogen bonded supramolecular capsules with functionalized interiors: the controlled orientation of included guests. Chemical Society Reviews, 2013, 42, 3261.	38.1	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.	2.4	37
113	Experimental Quantification of Anion-π Interactions in Solution Using Neutral Host-Guest Model Systems. Accounts of Chemical Research, 2013, 46, 874-884.	15.6	210
114	Different Nature of the Interactions between Anions and HAT(CN) <sub>6</sub> : From Reversible Anion-π Complexes to Irreversible Electron-Transfer Processes (HAT(CN) <sub>6</sub> =) Tj ETQq0 0 0 rgBT /Overbook 10 f60 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.	13.7	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.	13.8	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.	1.6	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.	4.0	42
119	Exploring the Self-Assembly of Polar Dimeric Capsules Using Molecular Rulers. Organic Letters, 2012, 14, 5708-5711.	4.6	18
120	A dissymmetric molecular capsule with polar interior and two mechanically locked hemispheres. Chemical Science, 2012, 3, 186-191.	7.4	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.	13.7	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.	2.6	13
123	Polyatomic Anion Assistance in the Assembly of [2]Pseudorotaxanes. Journal of the American Chemical Society, 2012, 134, 10733-10736.	13.7	57
124	Utilization of a heterosupramolecular self-assembled trisporphyrin complex in dye-sensitised solar cells. Energy and Environmental Science, 2011, 4, 528-534.	30.8	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.	4.6	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.	0.8	2



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127	Sodium and pH responsive hydrogel formation by the supramolecular system calix[4]pyrrole derivative/tetramethylammonium cation. Chemical Communications, 2011, 47, 2017.	4.1	74
128	Complexation of Sc <sub>3</sub> N@C <sub>80</sub> Endohedral Fullerene with Cyclic Zn-Bisporphyrins: Solid State and Solution Studies. Journal of Organic Chemistry, 2011, 76, 3258-3265.	3.2	48
129	Supramolecular Capsules Derived from Calixpyrrole Scaffolds. Israel Journal of Chemistry, 2011, 51, 710-724.	2.3	34
130	Regioisomeric Control Induced by DABCO Coordination to Rotatable Self-Assembled Bis- and Tetraporphyrin $\pi$ - $\pi$ -Cyclic Octapeptide Dimers. Chemistry - A European Journal, 2011, 17, 1220-1229.	3.3	27
131	Supramolecular Inclusion Complexes of Two Cyclic Zinc Bisporphyrins with C <sub>60</sub> and C <sub>70</sub> : Structural, Thermodynamic, and Photophysical Characterization. Chemistry - A European Journal, 2011, 17, 14564-14577.	3.3	28
132	Modern Strategies in Supramolecular Catalysis. Advances in Catalysis, 2011, 54, 63-126.	0.2	24
133	Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand. Angewandte Chemie, 2010, 122, 7651-7654.	2.0	21
134	Catalytic Hydrogenation of Norbornadiene by a Rhodium Complex in a Self-Folding Cavitand. Angewandte Chemie - International Edition, 2010, 49, 7489-7492.	13.8	48
135	Synthesis and binding studies of two new macrocyclic receptors for the stereoselective recognition of dipeptides. Beilstein Journal of Organic Chemistry, 2010, 6, 5.	2.2	4
136	Efficient Self-Sorting of a Racemic Tetra-Urea Calix[4]Pyrrole into a Single Heterodimeric Capsule. Organic Letters, 2010, 12, 1740-1743.	4.6	27
137	Selective Pairwise Encapsulation Using Directional Interactions. Journal of the American Chemical Society, 2010, 132, 2520-2521.	13.7	47
138	Anion binding in covalent and self-assembled molecular capsules. Chemical Society Reviews, 2010, 39, 3810.	38.1	215
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