

Anna Notti

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82
papers

1,694
citations

24
h-index

35
g-index

88
ext. papers

1,760
ext. citations

4.2
avg, IF

4.04
L-index

#	Paper	IF	Citations
82	Counterion-dependent proton-driven self-assembly of linear supramolecular oligomers based on amino-calix[5]arene building blocks. <i>Chemistry - A European Journal</i> , 2007 , 13, 8164-73	4.8	82
81	A calix[5]arene-based heterotetrotopic host for molecular recognition of long-chain, ion-paired alpha,omega-alkanediyl diammonium salts. <i>Angewandte Chemie - International Edition</i> , 2005 , 44, 4892-6	16.4	65
80	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. <i>Angewandte Chemie - International Edition</i> , 1998 , 37, 112-114	16.4	63
79	Inclusion networks of a calix[5]arene-based exoditopic receptor and long-chain alkyl diammonium ions. <i>Organic Letters</i> , 2003 , 5, 4025-8	6.2	62
78	Anion-assisted supramolecular polymerization: from achiral AB-type monomers to chiral assemblies. <i>Angewandte Chemie - International Edition</i> , 2011 , 50, 11956-61	16.4	53
77	Self-assembly dynamics of modular homoditopic bis-calix[5]arenes and long-chain alpha,omega-alkanediyl diammonium components. <i>Journal of Organic Chemistry</i> , 2008 , 73, 7280-9	4.2	53
76	Shape recognition of alkylammonium ions by 1,3-bridged calix[5]arene crown-6 ethers: endo- vs exo-cavity complexation. <i>Journal of Organic Chemistry</i> , 2002 , 67, 684-92	4.2	53
75	Synthesis, Structural Characterization, and Alkali-Metal Complexation of the Six Possible (1,3)- and (1,2)-Bridged p-tert-Butylcalix[4]crown-5 Conformers Bearing μ Picolyl Pendant Groups. <i>Journal of Organic Chemistry</i> , 1998 , 63, 7770-7779	4.2	49
74	Multipoint molecular recognition of amino acids and biogenic amines by ureidocalix[5]arene receptors. <i>Organic Letters</i> , 2003 , 5, 1071-4	6.2	47
73	Calix[5]arene-based heteroditopic receptor for 2-phenylethylamine hydrochloride. <i>Journal of Organic Chemistry</i> , 2009 , 74, 4350-3	4.2	43
72	Remarkable boosting of the binding of ion-paired organic salts by binary host systems. <i>Angewandte Chemie - International Edition</i> , 2002 , 41, 2122-6	16.4	41
71	Threading the calix[5]arene annulus. <i>Chemistry - A European Journal</i> , 2010 , 16, 2381-5	4.8	40
70	A supramolecular amphiphile from a new water-soluble calix[5]arene and n-dodecylammonium chloride. <i>Tetrahedron Letters</i> , 2013 , 54, 188-191	2	38
69	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , 2009 , 11, 1204	3.3	37
68	Inherently chiral μ picolyloxy-p-tert-butylcalix[5]arene crown ethers: Synthesis, structure proof, and enantioselective HPLC resolution. <i>Tetrahedron</i> , 1999 , 55, 5505-5514	2.4	34
67	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , 2002 , 43, 7663-7667	2	33
66	Optical Recognition of n-Butylammonium and 1,5-Pentanediammonium Picrates by a Calix[5]arene Monolayer Covalently Assembled on Silica Substrates. <i>Chemistry of Materials</i> , 2010 , 22, 2829-2834	9.6	32

65	Calixarene--poly(dithiophene)-based chemically modified electrodes. <i>Chemistry - A European Journal</i> , 2001 , 7, 3354-62	4.8	30
64	Selective amine recognition driven by host-guest proton transfer and salt bridge formation. <i>Journal of Organic Chemistry</i> , 2012 , 77, 9668-75	4.2	28
63	Encapsulation of monoamine neurotransmitters and trace amines by amphiphilic anionic calix[5]arene micelles. <i>New Journal of Chemistry</i> , 2014 , 38, 5983-5990	3.6	27
62	Discrimination between Butylammonium Isomers by Calix[5]arene-Based ISEs. <i>Analytical Chemistry</i> , 1998 , 70, 4631-5	7.8	27
61	Probing the inner space of salt-bridged calix[5]arene capsules. <i>Organic Letters</i> , 2014 , 16, 2354-7	6.2	25
60	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , 2010 , 66, 4987-4993	2.4	25
59	Mono- and dinuclear uranyl(VI) complexes with chiral Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2013 , 396, 25-29	2.7	24
58	Induction of chirality in porphyrin-(bis)calixarene assemblies: a mixed covalent-non-covalent vs a fully non-covalent approach. <i>Chemical Communications</i> , 2012 , 48, 4046-8	5.8	24
57	1,2-Bridged Calix[4]arene Monocrowns and Biscrowns in the 1,2-Alternate Conformation \square <i>Journal of Organic Chemistry</i> , 1998 , 63, 9703-9710	4.2	24
56	Unique binding behaviour of water-soluble polycationic oxacalix[4]arene tweezers towards the paraquat dication. <i>Chemical Communications</i> , 2015 , 51, 12657-60	5.8	23
55	Complexation of biologically active amines by a water-soluble calix[5]arene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015 , 121, 1073-1079	4.1	23
54	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. <i>Journal of Organic Chemistry</i> , 1999 , 64, 5876-5885	4.2	23
53	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , 2012 , 14, 2621	3.3	22
52	Halogen bonding-based anion coordination in calixarene/inorganic halide/diiodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , 2009 , 21, 149-156	1.8	22
51	Influence of the size of upper and lower rim substituents on the fluxional and complexation behaviour of calix[5]arenes. <i>Tetrahedron Letters</i> , 1998 , 39, 1965-1968	2	22
50	A water-soluble pillar[5]arene as a new carrier for an old drug. <i>Organic and Biomolecular Chemistry</i> , 2017 , 15, 3192-3195	3.9	20
49	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 6468-73	3.9	19
48	Self-assembled calixarene derivative as a supramolecular polymer. <i>Journal of Physical Chemistry B</i> , 2012 , 116, 5537-41	3.4	19

47	Phospholipid composition of plasma and erythrocyte membranes in animal species by ³¹ P NMR. <i>Veterinary Research Communications</i> , 2011 , 35, 521-30	2.9	19
46	Calix[5]arene Through-the-Annulus Threading of Dialkylammonium Guests Weakly Paired to the TFPB Anion. <i>Journal of Organic Chemistry</i> , 2017 , 82, 5162-5168	4.2	18
45	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxalix[4]arenes. <i>New Journal of Chemistry</i> , 2015 , 39, 817-821	3.6	18
44	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. <i>Chemical Communications</i> , 2018 , 54, 10203-10206	5.8	17
43	Anion-Assisted Supramolecular Polymerization: From Achiral AB-Type Monomers to Chiral Assemblies. <i>Angewandte Chemie</i> , 2011 , 123, 12162-12167	3.6	17
42	Photoisomerizable azobenzene-containing oxalixarenes. <i>Tetrahedron Letters</i> , 2012 , 53, 616-619	2	16
41	Supramolecular AA/BB-type oligomer formation from a heterotetratopic bis-calix[5]arene monomer and octanediyldiammonium dichloride. <i>Tetrahedron Letters</i> , 2011 , 52, 7116-7120	2	16
40	A Calix[5]arene-Based Heterotetratopic Host for Molecular Recognition of Long-Chain, Ion-Paired β -Alkanediyldiammonium Salts. <i>Angewandte Chemie</i> , 2005 , 117, 4970-4974	3.6	16
39	Recognition in water of bioactive substrates by a sulphonato p-tert-butylcalix[5]arene. <i>Supramolecular Chemistry</i> , 2014 , 26, 597-600	1.8	15
38	Recognition and binding of paraquat dichloride by cyclodextrin/calix[6]pyrrole binary host systems. <i>Tetrahedron Letters</i> , 2002 , 43, 8103-8106	2	15
37	Calix[4]- and calix[5]arene-based multicavity macrocycles. <i>Journal of Organic Chemistry</i> , 2002 , 67, 7569-7572	4.2	15
36	A Viable Route for Lithium Ion Detection. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 442-449	2.3	14
35	Dual binding mode of alkylammonium cations to (1,3)-calix[5]crown-6 triesters. <i>Tetrahedron Letters</i> , 1998 , 39, 1969-1972	2	14
34	Chemically modified tetranitro-oxalix[4]arenes: Synthesis and conformational preferences of tetra-N-(1-octyl)ureido-oxalix[4]arenes. <i>Arkivoc</i> , 2009 , 2009, 199-211	0.9	14
33	A DFT study on a calix[5]crown-based heteroditopic receptor. <i>Supramolecular Chemistry</i> , 2010 , 22, 358-364	3.4	13
32	Synthesis of BINOL-containing oxalix[4]arenes. <i>Tetrahedron Letters</i> , 2011 , 52, 1351-1353	2	13
31	Tuning the aggregation of an amphiphilic anionic calix[5]arene by selective host-guest interactions with bola-type dications. <i>New Journal of Chemistry</i> , 2019 , 43, 7628-7635	3.6	12
30	Hydrogen bond-assisted solid-state formation of a salt-bridged calix[5]arene pseudo-dimer. <i>CrystEngComm</i> , 2014 , 16, 89-93	3.3	12

29	Orthogonal chain length control in calix[5]arene-based AB-type supramolecular polymers. <i>Tetrahedron Letters</i> , 2011 , 52, 6460-6464	2	12
28	Molekulare Gefäß auf Calix[5]aren-Basis für Alkylammonium-Ionen. <i>Angewandte Chemie</i> , 1998 , 110, 120-122	3.6	12
27	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems. <i>Angewandte Chemie</i> , 2002 , 114, 2226	3.6	12
26	Long-Range Chiral Induction by a Fully Noncovalent Approach in Supramolecular Porphyrin-Calixarene Assemblies. <i>Chemistry - A European Journal</i> , 2020 , 26, 3515-3518	4.8	10
25	Encapsulation of biogenic polyamines by carboxylcalix[5]arenes: when solid-state design beats recognition in solution. <i>CrystEngComm</i> , 2016 , 18, 5012-5016	3.3	10
24	Amino Surface-Functionalized Tris(calix[4]arene) Dendrons with Rigid C3-Symmetric Propeller Cores. <i>European Journal of Organic Chemistry</i> , 2011 , 2011, 5696-5703	3.2	10
23	Alkanediyldiammonium dications sealed within calix[5]arene capsules with a hydrophobic bayonet-mount fastening. <i>CrystEngComm</i> , 2015 , 17, 7915-7921	3.3	8
22	Hydrophobic interactions in the formation of a complex between a polycationic water-soluble oxacalix[4]arene and a neutral aromatic guest. <i>Supramolecular Chemistry</i> , 2016 , 28, 493-498	1.8	8
21	Porphyrin stacks as an efficient molecular glue to induce chirality in hetero-component calixarene-porphyrin assemblies. <i>New Journal of Chemistry</i> , 2017 , 41, 8078-8083	3.6	8
20	Self-Assembly of Hexameric Macrocycles from PtII/Ferrocene Dimetallic Subunits: Synthesis, Characterization, Chemical Reactivity, and Oxidation Behavior. <i>European Journal of Inorganic Chemistry</i> , 2015 , 2015, 5730-5742	2.3	7
19	Synthesis and topology of [2+2] calix[4]resorcarene-based chiral cavitand-salen macrocycles. <i>Tetrahedron Letters</i> , 2012 , 53, 7150-7153	2	7
18	Synthesis and ESI-MS Alkali Metal Ion Binding Selectivities of Cone, Partial Cone, and 1,3-Alternate 1,3-Bis(4-picolyl)oxy-p-tert-butylcalix[4]arene Crown-6 and 1,1'-Binaphthalene-2,2'-diyl Crown-6 Conformers. <i>Collection of Czechoslovak Chemical Communications</i> , 2004 , 69, 1109-1125		7
17	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , 2018 , 30, 658-663	1.8	6
16	Reversible molecular motion of a bis-calix[5]arene host driven by a photoresponsive guest. <i>Chemistry - an Asian Journal</i> , 2012 , 7, 50-4	4.5	6
15	Guest-length driven high fidelity self-sorting in supramolecular capsule formation of calix[5]arenes in water. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 3804-3809	5.2	6
14	Ring/Chain Morphology Control in Overall-Neutral, Internally Ion-Paired Supramolecular Polymers. <i>Chemistry - A European Journal</i> , 2018 , 24, 1097-1103	4.8	6
13	Calix[5]arene-based Supramolecular Polymers. <i>Current Organic Chemistry</i> , 2015 , 19, 2271-2280	1.7	5
12	Recognition and optical sensing of amines by a quartz-bound 7-chloro-4-quinolylazopillar[5]arene monolayer. <i>RSC Advances</i> , 2018 , 8, 33269-33275	3.7	5

11	Serendipitous one-pot formation of an unusual calix[5]arene-bis-crown-3 receptor. <i>Tetrahedron Letters</i> , 2008 , 49, 7146-7148	2	4
10	Synthesis and Host Properties of (1,3)- p-tert-Butylcalix[5]crown-6 Derivatives Incorporating the 1,1'-Binaphthalene-2,2'-dioxy Subunit. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 36, 65-76		4
9	Stimuli-Responsive Internally Ion-Paired Supramolecular Polymer Based on a Bis-pillar[5]arene Dicarboxylic Acid Monomer. <i>Journal of Organic Chemistry</i> , 2021 , 86, 1676-1684	4.2	4
8	Self-Assembly of Discrete Porphyrin/Calix[4]tube Complexes Promoted by Potassium Ion Encapsulation. <i>Molecules</i> , 2021 , 26,	4.8	3
7	Self-sorting assembly of a calixarene/crown ether polypseudorotaxane gated by ion-pairing. <i>New Journal of Chemistry</i> , 2019 , 43, 7936-7940	3.6	2
6	Calix[5]arene: from Capsules to Polymers 2016 , 95-111		1
5	31-Benz-yloxy-5,11,17,23,29-penta-tert-butyl-calix[5]arene-32,33,34,35-tetra-ol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012 , 68, o3423		1
4	Selectively Modified Calix[5]arenes 2001 , 54-70		1
3	How do fluoride ions bind to tetrathiacalix[2]arene[2]triazines?. <i>Tetrahedron Letters</i> , 2020 , 61, 151911	2	1
2	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions 1998 , 37, 112		1
1	A promising P NMR-multivariate analysis approach for the identification of milk phosphorylated metabolites and for rapid authentication of milk samples. <i>Biochemistry and Biophysics Reports</i> , 2021 , 27, 101087	2.2	