

# Anna Notti

## List of Publications by Year in descending order

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79  
papers

1,848  
citations

236912

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88  
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88  
docs citations

88  
times ranked

1348  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 8164-8173.	3.3	84
2	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 112-114.	13.8	67
3	Inclusion Networks of a Calix[5]arene-Based Exoditopic Receptor and Long-Chain Alkyldiammonium Ions. <i>Organic Letters</i> , 2003, 5, 4025-4028.	4.6	66
4	A Calix[5]arene-Based Heterotetrotopic Host for Molecular Recognition of Long-Chain, Ion-Paired $\pm$ -Alkanediyldiammonium Salts. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 4892-4896.	13.8	66
5	Anion-Assisted Supramolecular Polymerization: From Achiral AB-Type Monomers to Chiral Assemblies. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11956-11961.	13.8	60
6	Self-Assembly Dynamics of Modular Homoditopic Bis-calix[5]arenes and Long-Chain $\pm$ -Alkanediyldiammonium Components. <i>Journal of Organic Chemistry</i> , 2008, 73, 7280-7289.	3.2	57
7	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, 684-692.	3.2	56
8	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 $\pm$ -Picolyloxy Pendant Groups. <i>Journal of Organic Chemistry</i> , 1998, 63, 7770-7779.	3.2	53
9	Multipoint Molecular Recognition of Amino Acids and Biogenic Amines by Ureidocalix[5]arene Receptors. <i>Organic Letters</i> , 2003, 5, 1071-1074.	4.6	49
10	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems The authors thank MURST (PRIN 2000 project) for financial support of this work.. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2122.	13.8	43
11	Calix[5]arene-Based Heteroditopic Receptor for 2-Phenylethylamine Hydrochloride. <i>Journal of Organic Chemistry</i> , 2009, 74, 4350-4353.	3.2	43
12	Threading the Calix[5]arene Annulus. <i>Chemistry - A European Journal</i> , 2010, 16, 2381-2385.	3.3	40
13	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , 2009, 11, 1204.	2.6	38
14	A supramolecular amphiphile from a new water-soluble calix[5]arene and n-dodecylammonium chloride. <i>Tetrahedron Letters</i> , 2013, 54, 188-191.	1.4	38
15	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , 2002, 43, 7663-7667.	1.4	35
16	Inherently chiral $\pm$ -picolyloxy-p-tert-butylcalix[5]arene crown ethers: Synthesis, structure proof, and enantioselective HPLC resolution. <i>Tetrahedron</i> , 1999, 55, 5505-5514.	1.9	34
17	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.	6.7	32
18	Discrimination between Butylammonium Isomers by Calix[5]arene-Based ISEs. <i>Analytical Chemistry</i> , 1998, 70, 4631-4635.	6.5	31

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19	Calixarene-Poly(dithiophene)-Based Chemically Modified Electrodes. <i>Chemistry - A European Journal</i> , 2001, 7, 3354-3362.	3.3	31
20	Selective Amine Recognition Driven by Host-Guest Proton Transfer and Salt Bridge Formation. <i>Journal of Organic Chemistry</i> , 2012, 77, 9668-9675.	3.2	30
21	Mono- and dinuclear uranyl(VI) complexes with chiral Schiff base ligand. <i>Inorganica Chimica Acta</i> , 2013, 396, 25-29.	2.4	29
22	1,2-Bridged Calix[4]arene Monocrowns and Biscrowns in the 1,2-Alternate Conformation. <i>Journal of Organic Chemistry</i> , 1998, 63, 9703-9710.	3.2	28
23	Encapsulation of monoamine neurotransmitters and trace amines by amphiphilic anionic calix[5]arene micelles. <i>New Journal of Chemistry</i> , 2014, 38, 5983-5990.	2.8	28
24	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , 2010, 66, 4987-4993.	1.9	27
25	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.	1.4	26
26	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.	3.2	26
27	Complexation of biologically active amines by a water-soluble calix[5]arene. <i>Journal of Thermal Analysis and Calorimetry</i> , 2015, 121, 1073-1079.	3.6	26
28	A water-soluble pillar[5]arene as a new carrier for an old drug. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 3192-3195.	2.8	26
29	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.	4.1	25
30	Probing the Inner Space of Salt-Bridged Calix[5]arene Capsules. <i>Organic Letters</i> , 2014, 16, 2354-2357.	4.6	25
31	Unique binding behaviour of water-soluble polycationic oxacalix[4]arene tweezers towards the paraquat dication. <i>Chemical Communications</i> , 2015, 51, 12657-12660.	4.1	25
32	Halogen bonding-based anion coordination in calixarene/inorganic halide/diodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , 2009, 21, 149-156.	1.2	23
33	Phospholipid composition of plasma and erythrocyte membranes in animal species by <sup>31</sup> P NMR. <i>Veterinary Research Communications</i> , 2011, 35, 521-530.	1.6	23
34	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6468-6473.	2.8	23
35	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.	3.2	23
36	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. <i>Chemical Communications</i> , 2018, 54, 10203-10206.	4.1	23

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37	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , 2012, 14, 2621.	2.6	22
38	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxalix[4]arenes. <i>New Journal of Chemistry</i> , 2015, 39, 817-821.	2.8	22
39	Self-Assembled Calixarene Derivative as a Supramolecular Polymer. <i>Journal of Physical Chemistry B</i> , 2012, 116, 5537-5541.	2.6	20
40	Photoisomerizable azobenzene-containing oxalixarenes. <i>Tetrahedron Letters</i> , 2012, 53, 616-619.	1.4	18
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.	1.4	17
42	Long-Range Chiral Induction by a Fully Noncovalent Approach in Supramolecular Porphyrin-Calixarene Assemblies. <i>Chemistry - A European Journal</i> , 2020, 26, 3515-3518.	3.3	17
43	Dual binding mode of alkylammonium cations to (1,3)-calix[5]crown-6 triesters. <i>Tetrahedron Letters</i> , 1998, 39, 1969-1972.	1.4	16
44	Calix[4]- and Calix[5]arene-Based Multicavity Macrocycles. <i>Journal of Organic Chemistry</i> , 2002, 67, 7569-7572.	3.2	16
45	A Viable Route for Lithium Ion Detection. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 442-449.	2.0	16
46	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.	0.5	16
47	Recognition and binding of paraquat dichloride by cyclodextrin/calix[6]pyrrole binary host systems. <i>Tetrahedron Letters</i> , 2002, 43, 8103-8106.	1.4	15
48	Synthesis of BINOL-containing oxalix[4]arenes. <i>Tetrahedron Letters</i> , 2011, 52, 1351-1353.	1.4	15
49	Recognition in water of bioactive substrates by a sulphonato <i>p</i> -tert-butylcalix[5]arene. <i>Supramolecular Chemistry</i> , 2014, 26, 597-600.	1.2	15
50	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.	2.8	14
51	A DFT study on a calix[5]crown-based heteroditopic receptor. <i>Supramolecular Chemistry</i> , 2010, 22, 358-364.	1.2	13
52	Orthogonal chain length control in calix[5]arene-based AB-type supramolecular polymers. <i>Tetrahedron Letters</i> , 2011, 52, 6460-6464.	1.4	13
53	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems The authors thank MURST (PRIN 2000 project) for financial support of this work.. <i>Angewandte Chemie</i> , 2002, 114, 2226.	2.0	12
54	Hydrogen bond-assisted solid-state formation of a salt-bridged calix[5]arene pseudo-dimer. <i>CrystEngComm</i> , 2014, 16, 89-93.	2.6	12

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55	Porphyrim stacks as an efficient molecular glue to induce chirality in hetero-component calixareneâ€“porphyrin assemblies. <i>New Journal of Chemistry</i> , 2017, 41, 8078-8083.	2.8	12
56	Amino Surfaceâ€“Functionalized Tris(calix[4]arene) Dendrons with Rigid $C_3$ â€“Symmetric Propeller Cores. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5696-5703.	2.4	11
57	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.	1.2	11
58	Encapsulation of biogenic polyamines by carboxylcalix[5]arenes: when solid-state design beats recognition in solution. <i>CrystEngComm</i> , 2016, 18, 5012-5016.	2.6	10
59	Self-Assembly of Discrete Porphyrin/Calix[4]tube Complexes Promoted by Potassium Ion Encapsulation. <i>Molecules</i> , 2021, 26, 704.	3.8	9
60	Synthesis and ESI-MS Alkali Metal Ion Binding Selectivities of Cone, Partial Cone, and 1,3-Alternate 1,3-Bis( $\pm$ -picolyloxy)-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.	1.0	8
61	Self-Assembly of Hexameric Macrocycles from PtlI/Ferrocene Dimetallic Subunits - Synthesis, Characterization, Chemical Reactivity, and Oxidation Behavior. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 5730-5742.	2.0	8
62	$\hat{\pm}$ , $\hat{\%}$ -Alkanediyl diammonium dications sealed within calix[5]arene capsules with a hydrophobic bayonet-mount fastening. <i>CrystEngComm</i> , 2015, 17, 7915-7921.	2.6	8
63	Synthesis and topology of [2+2] calix[4]resorcarene-based chiral cavitand-salen macrocycles. <i>Tetrahedron Letters</i> , 2012, 53, 7150-7153.	1.4	7
64	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , 2018, 30, 658-663.	1.2	7
65	Ring/Chain Morphology Control in Overallâ€“Neutral, Internally Ionâ€“Paired Supramolecular Polymers. <i>Chemistry - A European Journal</i> , 2018, 24, 1097-1103.	3.3	7
66	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.	4.5	7
67	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.	3.2	7
68	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 36, 65-76.	1.6	6
69	Reversible Molecular $M$ ation of a Bisâ€“calix[5]arene Host Driven by a Photoresponsive Guest. <i>Chemistry - an Asian Journal</i> , 2012, 7, 50-54.	3.3	6
70	Recognition and optical sensing of amines by a quartz-bound 7-chloro-4-quinolylozopillar[5]arene monolayer. <i>RSC Advances</i> , 2018, 8, 33269-33275.	3.6	6
71	Calix[5]arene-based Supramolecular Polymers. <i>Current Organic Chemistry</i> , 2015, 19, 2271-2280.	1.6	5
72	Serendipitous one-pot formation of an unusual calix[5]arene-bis-crown-3 receptor. <i>Tetrahedron Letters</i> , 2008, 49, 7146-7148.	1.4	4

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73	A promising <sup>31</sup> 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.	1.3	4
74	Self-sorting assembly of a calixarene/crown ether polypseudorotaxane gated by ion-pairing. <i>New Journal of Chemistry</i> , 2019, 43, 7936-7940.	2.8	3
75	How do fluoride ions bind to tetrathiacalix[2]arene[2]triazines?. <i>Tetrahedron Letters</i> , 2020, 61, 151911.	1.4	3
76	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. <i>Journal of Organic Chemistry</i> , 2000, 65, 930-930.	3.2	1
77	Selectively Modified Calix[5]arenes. , 2001, , 54-70.		1
78	31-Benzyloxy-5,11,17,23,29-penta-tert-butylcalix[5]arene-32,33,34,35-tetraol. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2012, 68, o3423-o3423.	0.2	1
79	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 112-114.	13.8	1