

Melchiorre F Parisi

List of Publications by Year in descending order

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#	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[6]pyrrole and Hybrid Calix[n]furan[m]pyrroles (n+m=6): Syntheses and Host-Guest Chemistry. <i>Chemistry - A European Journal</i> , 2002, 8, 3148.	3.3	73
3	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. <i>Angewandte Chemie - International Edition</i> , 1998, 37, 112-114.	13.8	67
4	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
5	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
6	Luminescent and Redox-Active Iridium(III)-Cyclometalated Compounds with Terdentate Ligands. <i>Inorganic Chemistry</i> , 1997, 36, 5947-5950.	4.0	61
7	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
8	The quest for a molecular capsule assembled via halogen bonds. <i>CrystEngComm</i> , 2012, 14, 6366.	2.6	59
9	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
10	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
11	The Elusive \hat{I}^2 -Unsubstituted Calix[5]pyrrole Finally Captured. <i>Organic Letters</i> , 2002, 4, 2695-2697.	4.6	54
12	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 \hat{I}^2 -Picoyl Pendant Groups. <i>Journal of Organic Chemistry</i> , 1998, 63, 7770-7779.	3.2	53
13	Selective endo-Calix Complexation of Linear Alkylammonium Cations by Functionalized (1,3)-p-tert-Butylcalix[5]crown Ethers. <i>Journal of Organic Chemistry</i> , 1996, 61, 8724-8725.	3.2	49
14	Synthesis, Optical Resolution and Complexation Properties of Inherently Chiral Monoalkylated p-tert-Butyl-(1,2)-calix[4]crown Ethers. <i>Journal of Organic Chemistry</i> , 1997, 62, 8041-8048.	3.2	49
15	Interactions at the outside faces of calix. <i>Chemistry - A European Journal</i> , 2000, 6, 3495-3500.	3.3	49
16	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
17	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
18	Calix[5]arene-Based Heteroditopic Receptor for 2-Phenylethylamine Hydrochloride. <i>Journal of Organic Chemistry</i> , 2009, 74, 4350-4353.	3.2	43

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19	Dipyridinocalixcrown/diodoperfluorocarbon binary host systems for CsI: structural studies and fluorine phase extraction of caesium. <i>Tetrahedron</i> , 2007, 63, 4951-4958.	1.9	40
20	Threading the Calix[5]arene Annulus. <i>Chemistry - A European Journal</i> , 2010, 16, 2381-2385.	3.3	40
21	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , 2009, 11, 1204.	2.6	38
22	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
23	Conversion of α -Keto Esters into β,β -Difluoro- α -keto Esters and Corresponding Acids: A Simple Route to a Novel Class of Serine Protease Inhibitors. <i>Journal of Organic Chemistry</i> , 1995, 60, 5174-5179.	3.2	37
24	Hybrid Calixarene/Inorganic Salt/Diodoperfluorocarbon Supramolecular Assemblies. <i>Supramolecular Chemistry</i> , 2006, 18, 235-243.	1.2	36
25	Inhibition of chymotrypsin by fluorinated α -keto acid derivatives. <i>Biochemistry</i> , 1992, 31, 9429-9435.	2.5	35
26	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , 2002, 43, 7663-7667.	1.4	35
27	Inherently chiral β -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
28	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
29	Inherently chiral calix[4]crown ethers. <i>Tetrahedron Letters</i> , 1996, 37, 1493-1496.	1.4	31
30	Discrimination between Butylammonium Isomers by Calix[5]arene-Based ISEs. <i>Analytical Chemistry</i> , 1998, 70, 4631-4635.	6.5	31
31	Calixarene-Poly(dithiophene)-Based Chemically Modified Electrodes. <i>Chemistry - A European Journal</i> , 2001, 7, 3354-3362.	3.3	31
32	From calixfurans to heterocyclophanes containing isopyrazole units. <i>Tetrahedron</i> , 2004, 60, 1895-1902.	1.9	30
33	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
34	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
35	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
36	Sequence, Stoichiometry, and Dimensionality Control in Porphyrin/Bis-calix[4]arene Self-Assemblies in Aqueous Solution. <i>Chemistry - A European Journal</i> , 2010, 16, 10439-10446.	3.3	27

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37	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , 2010, 66, 4987-4993.	1.9	27
38	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
39	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
40	Lower rim arylation of calix[n]arenes with extended perfluorinated domains. <i>Tetrahedron Letters</i> , 2006, 47, 9049-9052.	1.4	26
41	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
42	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
43	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
44	Probing the Inner Space of Salt-Bridged Calix[5]arene Capsules. <i>Organic Letters</i> , 2014, 16, 2354-2357.	4.6	25
45	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
46	The synthesis and antimicrobial activity of (1,2)-1-hydroxy-2-[(s)-valylamino]cyclobutane-1-acetic acid (1) and (1, 2)-1-hydroxy-2-aminocyclobutane-1-acetic acid (2). <i>Tetrahedron</i> , 1986, 42, 2575-2586.	1.9	24
47	Halogen bonding-based anion coordination in calixarene/inorganic halide/diiodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , 2009, 21, 149-156.	1.2	23
48	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
49	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
50	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. <i>Chemical Communications</i> , 2018, 54, 10203-10206.	4.1	23
51	Large cyclic oligomers of furan and acetone. X-ray crystal structure of the hexamer and first synthesis of the nonamer. <i>Tetrahedron Letters</i> , 1996, 37, 4593-4596.	1.4	22
52	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , 2012, 14, 2621.	2.6	22
53	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxacalix[4]arenes. <i>New Journal of Chemistry</i> , 2015, 39, 817-821.	2.8	22
54	Novel 1,2-bridged calix[4]crowns in the 1,2-alternate conformation. <i>Tetrahedron Letters</i> , 1996, 37, 3907-3910.	1.4	18

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55	Photoisomerizable azobenzene-containing oxacalixarenes. <i>Tetrahedron Letters</i> , 2012, 53, 616-619.	1.4	18
56	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
57	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
58	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
59	Chemical Modifications of Furan-Based Calixarenes by Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , 1999, 5, 356-368.	3.3	16
60	Calix[4]- and Calix[5]arene-Based Multicavity Macrocycles. <i>Journal of Organic Chemistry</i> , 2002, 67, 7569-7572.	3.2	16
61	A Viable Route for Lithium Ion Detection. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 442-449.	2.0	16
62	Chemically modified tetranitro-oxacalix[4]arenes: Synthesis and conformational preferences of tetra-N-(1-octyl)ureido-oxacalix[4]arenes. <i>Arkivoc</i> , 2009, 2009, 199-211.	0.5	16
63	Acenaphane derivatives from furan macrocycles. <i>Tetrahedron</i> , 1994, 50, 9113-9124.	1.9	15
64	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
65	Synthesis of BINOL-containing oxacalix[4]arenes. <i>Tetrahedron Letters</i> , 2011, 52, 1351-1353.	1.4	15
66	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
67	Stereospecific synthesis of (1 <i>S</i> ,2 <i>S</i>)-1-hydroxy-2-[(<i>S</i>)-valylamino]-cyclobutane-1-acetic acid, a novel microbial antimetabolite. <i>Journal of the Chemical Society Chemical Communications</i> , 1983, , 1479.	2.0	14
68	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
69	A DFT study on a calix[5]crown-based heteroditopic receptor. <i>Supramolecular Chemistry</i> , 2010, 22, 358-364.	1.2	13
70	Orthogonal chain length control in calix[5]arene-based AB-type supramolecular polymers. <i>Tetrahedron Letters</i> , 2011, 52, 6460-6464.	1.4	13
71	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
72	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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73	Porphyrin 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
74	Penicillin biosynthesis: stereochemistry of desaturative and hydroxylative pathways from L- α -amino acidipoyl-L-cysteiny-D-isodehydrovaline with isopenicillin N synthase. <i>Journal of the Chemical Society Chemical Communications</i> , 1988, , 1635-1637.	2.0	11
75	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
76	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
77	The synthesis of a novel iptycene containing the triphenylene unit. <i>Tetrahedron Letters</i> , 1993, 34, 5331-5332.	1.4	10
78	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
79	{[1.1.1]Cryptand/Imidazole}: A Prototype Composite Kinetic Molecular Device for Automatic NMR Variable pH Reaction Monitoring. <i>Chemistry - A European Journal</i> , 2011, 17, 1419-1422.	3.3	9
80	Self-Assembly of Discrete Porphyrin/Calix[4]tube Complexes Promoted by Potassium Ion Encapsulation. <i>Molecules</i> , 2021, 26, 704.	3.8	9
81	A new route to phenanthrene derivatives. <i>Tetrahedron Letters</i> , 1994, 35, 4839-4842.	1.4	8
82	Synthesis and ESI-MS Alkali Metal Ion Binding Selectivities of Cone, Partial Cone, and 1,3-Alternate 1,3-Bis(β -picoloyloxy)-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
83	Threading Cyclodextrins in Chloroform: A [2]Pseudorotaxane. <i>International Journal of Molecular Sciences</i> , 2007, 8, 1052-1063.	4.1	8
84	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.	2.0	8
85	β -Alkanedioldiammonium dications sealed within calix[5]arene capsules with a hydrophobic bayonet-mount fastening. <i>CrystEngComm</i> , 2015, 17, 7915-7921.	2.6	8
86	Unusual behaviour of N-bromosuccinimide. Conversion of N,N-dimethylamides to N-methyl,N-succinimidomethylamides. <i>Tetrahedron Letters</i> , 1983, 24, 2685-2688.	1.4	7
87	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , 2018, 30, 658-663.	1.2	7
88	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
89	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
90	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

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91	Title is missing!. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2000, 36, 65-76.	1.6	6
92	Reversible Molecular Recognition of a Bis-calix[5]arene Host Driven by a Photoresponsive Guest. Chemistry - an Asian Journal, 2012, 7, 50-54.	3.3	6
93	Recognition and optical sensing of amines by a quartz-bound 7-chloro-4-quinolyazopillar[5]arene monolayer. RSC Advances, 2018, 8, 33269-33275.	3.6	6
94	Conversion of the cyclic hexamer of furan and acetone into naphthafurophanes. Tetrahedron Letters, 1996, 37, 6201-6204.	1.4	5
95	Calix[5]arene-based Supramolecular Polymers. Current Organic Chemistry, 2015, 19, 2271-2280.	1.6	5
96	Behaviour of the organometallic complex cis-dimethylbis[sulfinyl-bis[methane]-S]-platinum(II) in aqueous solution. Inorganica Chimica Acta, 1991, 188, 127-130.	2.4	4
97	Chiral naphthafurophanes from furan macrocycles. Tetrahedron Letters, 1996, 37, 6205-6208.	1.4	4
98	Serendipitous one-pot formation of an unusual calix[5]arene-bis-crown-3 receptor. Tetrahedron Letters, 2008, 49, 7146-7148.	1.4	4
99	Self-sorting assembly of a calixarene/crown ether polypseudorotaxane gated by ion-pairing. New Journal of Chemistry, 2019, 43, 7936-7940.	2.8	3
100	How do fluoride ions bind to tetrathiacalix[2]arene[2]triazines?. Tetrahedron Letters, 2020, 61, 151911.	1.4	3
101	[5,11,17,23-Tetra-tert-butyl-25,27-(3,6-dioxaoctan-1,8-dioxy)-26,28-bis(pyridin-2-ylmethoxy)calix[4]arene]sodium iodide "1,2,4,5-tetrafluoro-3,6-diiodobenzene" methanol (2/3/4). Acta Crystallographica Section E: Structure Reports Online, 2013, 69, m236-m237.	0.2	2
102	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. Journal of Organic Chemistry, 2000, 65, 930-930.	3.2	1
103	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. Angewandte Chemie - International Edition, 1998, 37, 112-114.	13.8	1
104	Synthesis and Complexation Studies of 1,2-Bridged Calix[4]arene Crown Ethers. ChemInform, 2003, 34, no.	0.0	0
105	Calix[6]pyrrole and Hybrid Calix[n]furan[m]pyrroles (n + m = 6): Syntheses and Host-Guest Chemistry.. ChemInform, 2002, 33, 84-84.	0.0	0
106	Editorial for "Calix 2015" Special Issue. Supramolecular Chemistry, 2016, 28, 341-341.	1.2	0