

# Melchiorre F Parisi

## List of Publications by Citations

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29  
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114  
ext. papers

2,446  
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#	Paper	IF	Citations
105	Counterion-dependent proton-driven self-assembly of linear supramolecular oligomers based on amino-calix[5]arene building blocks. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 8164-73	4.8	82
104	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> , <b>2005</b> , 44, 4892-6	16.4	65
103	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions. <i>Angewandte Chemie - International Edition</i> , <b>1998</b> , 37, 112-114	16.4	63
102	Calix[6]pyrrole and hybrid calix[n]furan[m]pyrroles (n+m=6): syntheses and host-guest chemistry. <i>Chemistry - A European Journal</i> , <b>2002</b> , 8, 3148-56	4.8	62
101	Inclusion networks of a calix[5]arene-based exoditopic receptor and long-chain alkyl diammonium ions. <i>Organic Letters</i> , <b>2003</b> , 5, 4025-8	6.2	62
100	Luminescent and Redox-Active Iridium(III)-Cyclometalated Compounds with Terdentate Ligands. <i>Inorganic Chemistry</i> , <b>1997</b> , 36, 5947-5950	5.1	55
99	The quest for a molecular capsule assembled via halogen bonds. <i>CrystEngComm</i> , <b>2012</b> , 14, 6366	3.3	54
98	Anion-assisted supramolecular polymerization: from achiral AB-type monomers to chiral assemblies. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 11956-61	16.4	53
97	Self-assembly dynamics of modular homoditopic bis-calix[5]arenes and long-chain alpha,omega-alkanediyl diammonium components. <i>Journal of Organic Chemistry</i> , <b>2008</b> , 73, 7280-9	4.2	53
96	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> , <b>2002</b> , 67, 684-92	4.2	53
95	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 Picolyl Pendant Groups. <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 7770-7779	4.2	49
94	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> , <b>1997</b> , 62, 8041-8048	4.2	47
93	Multipoint molecular recognition of amino acids and biogenic amines by ureidocalix[5]arene receptors. <i>Organic Letters</i> , <b>2003</b> , 5, 1071-4	6.2	47
92	Interactions at the outside faces of calix. <i>Chemistry - A European Journal</i> , <b>2000</b> , 6, 3495-500	4.8	46
91	The Elusive beta-unsubstituted calix[5]pyrrole finally captured. <i>Organic Letters</i> , <b>2002</b> , 4, 2695-7	6.2	45
90	Selective endo-Calix Complexation of Linear Alkylammonium Cations by Functionalized (1,3)-p-tert-Butylcalix[5]crown Ethers. <i>Journal of Organic Chemistry</i> , <b>1996</b> , 61, 8724-8725	4.2	45
89	Calix[5]arene-based heteroditopic receptor for 2-phenylethylamine hydrochloride. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 4350-3	4.2	43

88	Remarkable boosting of the binding of ion-paired organic salts by binary host systems. <i>Angewandte Chemie - International Edition</i> , <b>2002</b> , 41, 2122-6	16.4	41
87	Threading the calix[5]arene annulus. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 2381-5	4.8	40
86	Dipyridinocalixcrown/diiodoperfluorocarbon binary host systems for CsI: structural studies and fluoruous phase extraction of caesium. <i>Tetrahedron</i> , <b>2007</b> , 63, 4951-4958	2.4	39
85	A supramolecular amphiphile from a new water-soluble calix[5]arene and n-dodecylammonium chloride. <i>Tetrahedron Letters</i> , <b>2013</b> , 54, 188-191	2	38
84	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , <b>2009</b> , 11, 1204	3.3	37
83	Hybrid Calixarene/Inorganic Salt/Diiodoperfluorocarbon Supramolecular Assemblies. <i>Supramolecular Chemistry</i> , <b>2006</b> , 18, 235-243	1.8	36
82	Inherently chiral $\beta$ -cycloxy-p-tert-butylcalix[5]arene crown ethers: Synthesis, structure proof, and enantioselective HPLC resolution. <i>Tetrahedron</i> , <b>1999</b> , 55, 5505-5514	2.4	34
81	Inhibition of chymotrypsin by fluorinated alpha-keto acid derivatives. <i>Biochemistry</i> , <b>1992</b> , 31, 9429-35	3.2	34
80	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 7663-7667	2	33
79	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> , <b>2010</b> , 22, 2829-2834	9.6	32
78	Conversion of .alpha.-Keto Esters into .beta.,.beta.-Difluoro-.alpha.-keto Esters and Corresponding Acids: A Simple Route to a Novel Class of Serine Protease Inhibitors. <i>Journal of Organic Chemistry</i> , <b>1995</b> , 60, 5174-5179	4.2	31
77	Calixarene--poly(dithiophene)-based chemically modified electrodes. <i>Chemistry - A European Journal</i> , <b>2001</b> , 7, 3354-62	4.8	30
76	Selective amine recognition driven by host-guest proton transfer and salt bridge formation. <i>Journal of Organic Chemistry</i> , <b>2012</b> , 77, 9668-75	4.2	28
75	From calixfurans to heterocyclophanes containing isopyrazole units. <i>Tetrahedron</i> , <b>2004</b> , 60, 1895-1902	2.4	28
74	Inherently chiral calix[4]crown ethers. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 1493-1496	2	28
73	Encapsulation of monoamine neurotransmitters and trace amines by amphiphilic anionic calix[5]arene micelles. <i>New Journal of Chemistry</i> , <b>2014</b> , 38, 5983-5990	3.6	27
72	Discrimination between Butylammonium Isomers by Calix[5]arene-Based ISEs. <i>Analytical Chemistry</i> , <b>1998</b> , 70, 4631-5	7.8	27
71	Sequence, stoichiometry, and dimensionality control in porphyrin/bis-calix[4]arene self-assemblies in aqueous solution. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 10439-46	4.8	26

70	Probing the inner space of salt-bridged calix[5]arene capsules. <i>Organic Letters</i> , <b>2014</b> , 16, 2354-7	6.2	25
69	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , <b>2010</b> , 66, 4987-4993	2.4	25
68	Lower rim arylation of calix[n]arenes with extended perfluorinated domains. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 9049-9052	2	25
67	Induction of chirality in porphyrin-(bis)calixarene assemblies: a mixed covalent-non-covalent vs a fully non-covalent approach. <i>Chemical Communications</i> , <b>2012</b> , 48, 4046-8	5.8	24
66	1,2-Bridged Calix[4]arene Monocrowns and Biscrowns in the 1,2-Alternate Conformation $\square$ <i>Journal of Organic Chemistry</i> , <b>1998</b> , 63, 9703-9710	4.2	24
65	Unique binding behaviour of water-soluble polycationic oxacalix[4]arene tweezers towards the paraquat dication. <i>Chemical Communications</i> , <b>2015</b> , 51, 12657-60	5.8	23
64	Complexation of biologically active amines by a water-soluble calix[5]arene. <i>Journal of Thermal Analysis and Calorimetry</i> , <b>2015</b> , 121, 1073-1079	4.1	23
63	1,3-Calix[4]arene Crown Ether Conformers with a 3-Thienyl Pendant Functionality at the Lower Rim. <i>Journal of Organic Chemistry</i> , <b>1999</b> , 64, 5876-5885	4.2	23
62	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> , <b>1986</b> , 42, 2575-2586	2.4	23
61	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , <b>2012</b> , 14, 2621	3.3	22
60	Halogen bonding-based anion coordination in calixarene/inorganic halide/diodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 149-156	1.8	22
59	Influence of the size of upper and lower rim substituents on the fluxional and complexation behaviour of calix[5]arenes. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 1965-1968	2	22
58	A water-soluble pillar[5]arene as a new carrier for an old drug. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 3192-3195	3.9	20
57	Self-assembly of amphiphilic anionic calix[4]arenes and encapsulation of poorly soluble naproxen and flurbiprofen. <i>Organic and Biomolecular Chemistry</i> , <b>2015</b> , 13, 6468-73	3.9	19
56	Calix[5]arene Through-the-Annulus Threading of Dialkylammonium Guests Weakly Paired to the TFPB Anion. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 5162-5168	4.2	18
55	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxacalix[4]arenes. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 817-821	3.6	18
54	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. <i>Chemical Communications</i> , <b>2018</b> , 54, 10203-10206	5.8	17
53	Anion-Assisted Supramolecular Polymerization: From Achiral AB-Type Monomers to Chiral Assemblies. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 12162-12167	3.6	17

52	Novel 1,2-bridged calix[4]crowns in the 1,2-alternate conformation. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 3907-3910		17
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> , <b>1996</b> , 37, 4593-4596	2	17
50	Photoisomerizable azobenzene-containing oxacalixarenes. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 616-619	2	16
49	Supramolecular AA/BB-type oligomer formation from a heterotetratopic bis-calix[5]arene monomer and octanediyldiammonium dichloride. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 7116-7120	2	16
48	A Calix[5]arene-Based Heterotetratopic Host for Molecular Recognition of Long-Chain, Ion-Paired $\beta$ -Alkanediyldiammonium Salts. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4970-4974	3.6	16
47	Recognition in water of bioactive substrates by a sulphonato p-tert-butylcalix[5]arene. <i>Supramolecular Chemistry</i> , <b>2014</b> , 26, 597-600	1.8	15
46	Recognition and binding of paraquat dichloride by cyclodextrin/calix[6]pyrrole binary host systems. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 8103-8106	2	15
45	Calix[4]- and calix[5]arene-based multicavity macrocycles. <i>Journal of Organic Chemistry</i> , <b>2002</b> , 67, 7569-7572	2	15
44	A Viable Route for Lithium Ion Detection. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 442-449	2.3	14
43	Dual binding mode of alkylammonium cations to (1,3)-calix[5]crown-6 triesters. <i>Tetrahedron Letters</i> , <b>1998</b> , 39, 1969-1972	2	14
42	Chemically modified tetranitro-oxacalix[4]arenes: Synthesis and conformational preferences of tetra-N-(1-octyl)ureido-oxacalix[4]arenes. <i>Arkivoc</i> , <b>2009</b> , 2009, 199-211	0.9	14
41	A DFT study on a calix[5]crown-based heteroditopic receptor. <i>Supramolecular Chemistry</i> , <b>2010</b> , 22, 358-364	2.4	13
40	Synthesis of BINOL-containing oxacalix[4]arenes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1351-1353	2	13
39	Chemical Modifications of Furan-Based Calixarenes by Diels-Alder Reactions. <i>Chemistry - A European Journal</i> , <b>1999</b> , 5, 356-368	4.8	13
38	Acenaphane derivatives from furan macrocycles. <i>Tetrahedron</i> , <b>1994</b> , 50, 9113-9124	2.4	13
37	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> , <b>2019</b> , 43, 7628-7635	3.6	12
36	Hydrogen bond-assisted solid-state formation of a salt-bridged calix[5]arene pseudo-dimer. <i>CrystEngComm</i> , <b>2014</b> , 16, 89-93	3.3	12
35	Orthogonal chain length control in calix[5]arene-based AB-type supramolecular polymers. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 6460-6464	2	12

34	Remarkable Boosting of the Binding of Ion-Paired Organic Salts by Binary Host Systems. <i>Angewandte Chemie</i> , <b>2002</b> , 114, 2226	3.6	12
33	Stereospecific synthesis of (1S,2S)-1-hydroxy-2-[(S)-valylamino]-cyclobutane-1-acetic acid, a novel microbial antimetabolite. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1983</b> , 1479		12
32	Penicillin biosynthesis: stereochemistry of desaturative and hydroxylative pathways from L-β-amino adipoyl-L-cysteinyl-D-isodehydrovaline with isopenicillin N synthase. <i>Journal of the Chemical Society Chemical Communications</i> , <b>1988</b> , 1635-1637		11
31	Long-Range Chiral Induction by a Fully Noncovalent Approach in Supramolecular Porphyrin-Calixarene Assemblies. <i>Chemistry - A European Journal</i> , <b>2020</b> , 26, 3515-3518	4.8	10
30	Encapsulation of biogenic polyamines by carboxylcalix[5]arenes: when solid-state design beats recognition in solution. <i>CrystEngComm</i> , <b>2016</b> , 18, 5012-5016	3.3	10
29	Amino Surface-Functionalized Tris(calix[4]arene) Dendrons with Rigid C3-Symmetric Propeller Cores. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 5696-5703	3.2	10
28	Alkanediyldiammonium dications sealed within calix[5]arene capsules with a hydrophobic bayonet-mount fastening. <i>CrystEngComm</i> , <b>2015</b> , 17, 7915-7921	3.3	8
27	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> , <b>2016</b> , 28, 493-498	1.8	8
26	Porphyrin stacks as an efficient molecular glue to induce chirality in hetero-component calixareneporphyrin assemblies. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 8078-8083	3.6	8
25	{[1.1.1]Cryptand/imidazole}: a prototype composite kinetic molecular device for automatic NMR variable pH reaction monitoring. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 1419-22	4.8	8
24	Self-Assembly of Hexameric Macrocycles from PtII/Ferrocene Dimetallic Subunits: Synthesis, Characterization, Chemical Reactivity, and Oxidation Behavior. <i>European Journal of Inorganic Chemistry</i> , <b>2015</b> , 2015, 5730-5742	2.3	7
23	Synthesis and ESI-MS Alkali Metal Ion Binding Selectivities of Cone, Partial Cone, and 1,3-Alternate 1,3-Bis(β-cyloxy)-p-tert-butylcalix[4]arene Crown-6 and 1,1Sbinaphthalene-2,2Sdiyl Crown-6 Conformers. <i>Collection of Czechoslovak Chemical Communications</i> , <b>2004</b> , 69, 1109-1125		7
22	The synthesis of a novel iptycene containing the triphenylene unit. <i>Tetrahedron Letters</i> , <b>1993</b> , 34, 5331-5332		7
21	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 658-663	1.8	6
20	Reversible molecular motion of a bis-calix[5]arene host driven by a photoresponsive guest. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 50-4	4.5	6
19	Unusual behaviour of N-bromosuccinimide. Conversion of N,N-dimethylamides to N-methyl,N-succinimidomethylamides. <i>Tetrahedron Letters</i> , <b>1983</b> , 24, 2685-2688	2	6
18	Guest-length driven high fidelity self-sorting in supramolecular capsule formation of calix[5]arenes in water. <i>Organic Chemistry Frontiers</i> , <b>2019</b> , 6, 3804-3809	5.2	6
17	Ring/Chain Morphology Control in Overall-Neutral, Internally Ion-Paired Supramolecular Polymers. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1097-1103	4.8	6

16	Threading Cyclodextrins in Chloroform: A [2]Pseudorotaxane. <i>International Journal of Molecular Sciences</i> , <b>2007</b> , 8, 1052-1063	6.3	5
15	A new route to phenanthrene derivatives. <i>Tetrahedron Letters</i> , <b>1994</b> , 35, 4839-4842	2	5
14	Calix[5]arene-based Supramolecular Polymers. <i>Current Organic Chemistry</i> , <b>2015</b> , 19, 2271-2280	1.7	5
13	Recognition and optical sensing of amines by a quartz-bound 7-chloro-4-quinolylazopillar[5]arene monolayer.. <i>RSC Advances</i> , <b>2018</b> , 8, 33269-33275	3.7	5
12	Serendipitous one-pot formation of an unusual calix[5]arene-bis-crown-3 receptor. <i>Tetrahedron Letters</i> , <b>2008</b> , 49, 7146-7148	2	4
11	Synthesis and Host Properties of (1,3)- p-tert-Butylcalix[5]crown-6 Derivatives Incorporating the 1,1Sbinaphthalene-2,2Sdioxy Subunit. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , <b>2000</b> , 36, 65-76		4
10	Behaviour of the organometallic complex cis-dimethylbis[sulfinyl-bis[methane]-S]-platinum(II) in aqueous solution. <i>Inorganica Chimica Acta</i> , <b>1991</b> , 188, 127-130	2.7	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> , <b>2021</b> , 86, 1676-1684	4.2	4
8	Conversion of the cyclic hexamer of furan and acetone into naphthafurophanes. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 6201-6204	2	3
7	Self-Assembly of Discrete Porphyrin/Calix[4]tube Complexes Promoted by Potassium Ion Encapsulation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
6	Self-sorting assembly of a calixarene/crown ether polypseudorotaxane gated by ion-pairing. <i>New Journal of Chemistry</i> , <b>2019</b> , 43, 7936-7940	3.6	2
5	Chiral naphthafurophanes from furan macrocycles. <i>Tetrahedron Letters</i> , <b>1996</b> , 37, 6205-6208	2	2
4	[5,11,17,23-Tetra-tert-butyl-25,27-(3,6-dioxaocan-1,8-di-oxy)-26,28-bis-(pyridin-2-ylmeth-oxy)calix[4]arene]sodium iodide-1,2,4,5-tetra-fluoro-3,6-diiodo-benzene-methanol (2/3/4). <i>Acta Crystallographica Section E: Structure Reports Online</i> , <b>2013</b> , 69, m236-7		2
3	Calix[5]arene: from Capsules to Polymers <b>2016</b> , 95-111		1
2	How do fluoride ions bind to tetrathiacalix[2]arene[2]triazines?. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151911	2	1
1	Calix[5]arene-Based Molecular Vessels for Alkylammonium Ions <b>1998</b> , 37, 112		1