

# Giuseppe Gattuso

## List of Publications by Year in Descending Order

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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.

111  
papers

3,376  
citations

33  
h-index

53  
g-index

114  
ext. papers

3,729  
ext. citations

5  
avg, IF

4.95  
L-index

#	Paper	IF	Citations
111	Photoinduced electron transfer in host-guest interactions of a viologen derivative with a didansyl-pillar[5]arene. <i>Materials Today Chemistry</i> , <b>2022</b> , 24, 100841	6.2	2
110	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
109	Self-Assembly of Discrete Porphyrin/Calix[4]tube Complexes Promoted by Potassium Ion Encapsulation. <i>Molecules</i> , <b>2021</b> , 26,	4.8	3
108	Food flavonols: Nutraceuticals with complex health benefits and functionalities. <i>Trends in Food Science and Technology</i> , <b>2021</b> , 117, 194-194	15.3	16
107	Nobiletin, sinensetin, and tangeretin are the main perpetrators in clementines provoking food-drug interactions in vitro. <i>Food Chemistry</i> , <b>2020</b> , 319, 126578	8.5	10
106	Flavones: An Update on Sources, Biological Functions, and Health Promoting Properties. <i>Plants</i> , <b>2020</b> , 9,	4.5	41
105	Complexation of environmentally and biologically relevant metals with bifunctional 3-hydroxy-4-pyridinones. <i>Journal of Molecular Liquids</i> , <b>2020</b> , 319, 114349	6	1
104	How do fluoride ions bind to tetrathiacalix[2]arene[2]triazines?. <i>Tetrahedron Letters</i> , <b>2020</b> , 61, 151911	2	1
103	Botanical Sources, Chemistry, Analysis, and Biological Activity of Furanocoumarins of Pharmaceutical Interest. <i>Molecules</i> , <b>2019</b> , 24,	4.8	34
102	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
101	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
100	A follow-up report on potential drug interactions with clementines: Two single case experiments show no effect on CYP3A-dependent midazolam clearance. <i>European Journal of Pharmaceutical Sciences</i> , <b>2019</b> , 133, 54-58	5.1	2
99	A new bis-(3-hydroxy-4-pyridinone)-DTPA-derivative: Synthesis, complexation of di-/tri-valent metal cations and in vivo M3+ sequestering ability. <i>Journal of Molecular Liquids</i> , <b>2019</b> , 281, 280-294	6	4
98	Speciation Studies of Bifunctional 3-Hydroxy-4-Pyridinone Ligands in the Presence of Zn at Different Ionic Strengths and Temperatures. <i>Molecules</i> , <b>2019</b> , 24,	4.8	1
97	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
96	Novel PEGylated calix[5]arenes as carriers for Rose Bengal. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 658-663	1.8	6
95	Antiadhesive and antibacterial properties of pillar[5]arene-based multilayers. <i>Chemical Communications</i> , <b>2018</b> , 54, 10203-10206	5.8	17

94	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
93	Analysis of C-Glycosyl Flavones and 3-Hydroxy-3-methylglutaryl-glycosyl Derivatives in Blood Oranges ( <i>Citrus sinensis</i> (L.) Osbeck) Juices and Their Influence on Biological Activity. <i>ACS Symposium Series</i> , <b>2018</b> , 67-80	0.4	
92	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
91	New bis-(3-hydroxy-4-pyridinone)-NTA-derivative: Synthesis, binding ability towards Ca <sup>2+</sup> , Cu <sup>2+</sup> , Zn <sup>2+</sup> , Al <sup>3+</sup> , Fe <sup>3+</sup> and biological assays. <i>Journal of Molecular Liquids</i> , <b>2018</b> , 272, 609-624	6	6
90	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
89	Flavanones: Citrus phytochemical with health-promoting properties. <i>BioFactors</i> , <b>2017</b> , 43, 495-506	6.1	157
88	Clementine juice has the potential for drug interactions - In vitro comparison with grapefruit and mandarin juice. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 97, 247-256	5.1	33
87	Thermodynamic Properties of O-Donor Polyelectrolytes: Determination of the AcidBase and Complexing Parameters in Different Ionic Media at Different Temperatures. <i>Journal of Chemical &amp; Engineering Data</i> , <b>2017</b> , 62, 2676-2688	2.8	7
86	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
85	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
84	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
83	Calix[5]arene: from Capsules to Polymers <b>2016</b> , 95-111		1
82	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
81	C- and O-glycosyl flavonoids in Sanguinello and Tarocco blood orange ( <i>Citrus sinensis</i> (L.) Osbeck) juice: Identification and influence on antioxidant properties and acetylcholinesterase activity. <i>Food Chemistry</i> , <b>2016</b> , 196, 619-27	8.5	47
80	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
79	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
78	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
77	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

76	Selective recognition of biogenic amine hydrochlorides by heteroditopic dihomooxalix[4]arenes. <i>New Journal of Chemistry</i> , <b>2015</b> , 39, 817-821	3.6	18
75	Calix[5]arene-based Supramolecular Polymers. <i>Current Organic Chemistry</i> , <b>2015</b> , 19, 2271-2280	1.7	5
74	First evidence of C- and O-glycosyl flavone in blood orange ( <i>Citrus sinensis</i> (L.) Osbeck) juice and their influence on antioxidant properties. <i>Food Chemistry</i> , <b>2014</b> , 149, 244-52	8.5	49
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	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
71	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
70	Kinetic control in the formation of meso-dithia[3.3]-paracyclophane S,S'-dioxide. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 5096-5100	2	4
69	Probing the inner space of salt-bridged calix[5]arene capsules. <i>Organic Letters</i> , <b>2014</b> , 16, 2354-7	6.2	25
68	FTIR, ESI-MS, VT-NMR and SANS study of trehalose thermal stabilization of lysozyme. <i>International Journal of Biological Macromolecules</i> , <b>2014</b> , 63, 225-32	7.9	18
67	Flavonoid C-glycosides in Citrus Juices from Southern Italy: Distribution and Influence on the Antioxidant Activity. <i>ACS Symposium Series</i> , <b>2014</b> , 189-200	0.4	5
66	Host-guest chemistry of aromatic-amide-linked bis- and tris-calix[4]pyrroles with bis-carboxylates and citrate anion. <i>Chemistry - A European Journal</i> , <b>2014</b> , 20, 1658-68	4.8	16
65	A Viable Route for Lithium Ion Detection. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 442-449	2.3	14
64	Polymethoxylated, C- and O-glycosyl flavonoids in tangelo ( <i>Citrus reticulata</i> × <i>Citrus paradisi</i> ) juice and their influence on antioxidant properties. <i>Food Chemistry</i> , <b>2013</b> , 141, 1481-8	8.5	44
63	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
62	Spectroscopic determination of lysozyme conformational changes in the presence of trehalose and guanidine. <i>Cell Biochemistry and Biophysics</i> , <b>2013</b> , 66, 297-307	3.2	5
61	Flavonoid and Antioxidant Properties of Fruits Belonging to the Annona and Citrus Genera. <i>ACS Symposium Series</i> , <b>2013</b> , 103-119	0.4	1
60	A Chiroptical Probe for Sensing Metal Ions in Water. <i>European Journal of Organic Chemistry</i> , <b>2013</b> , 2013, 6078-6083	3.2	37
59	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

58	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
57	Photoisomerizable azobenzene-containing oxacalixarenes. <i>Tetrahedron Letters</i> , <b>2012</b> , 53, 616-619	2	16
56	Self-assembled calixarene derivative as a supramolecular polymer. <i>Journal of Physical Chemistry B</i> , <b>2012</b> , 116, 5537-41	3.4	19
55	Juice Analysis in Citrus: Latest Developments <b>2012</b> , 89-99		1
54	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
53	A clicked macrocyclic probe incorporating Binol as the signalling unit for the chiroptical sensing of anions. <i>Tetrahedron</i> , <b>2012</b> , 68, 7861-7866	2.4	59
52	Synthesis and anion recognition properties of shape-persistent binaphthyl-containing chiral macrocyclic amides. <i>Beilstein Journal of Organic Chemistry</i> , <b>2012</b> , 8, 967-76	2.5	12
51	Picturing the induced fit of calix[5]arenes upon n-alkylammonium cation binding. <i>CrystEngComm</i> , <b>2012</b> , 14, 2621	3.3	22
50	Flavonoids and Furocoumarins in Bergamot, Myrtle-Leaved Orange, and Sour Orange Juices: Distribution and Properties. <i>ACS Symposium Series</i> , <b>2012</b> , 17-35	0.4	3
49	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> , <b>2012</b> , 68, o3423		1
48	Kumquat ( <i>Fortunella japonica</i> Swingle) juice: Flavonoid distribution and antioxidant properties. <i>Food Research International</i> , <b>2011</b> , 44, 2190-2197	7	77
47	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
46	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
45	Quantitative study on the non-covalent interactions between ATP and caffeine, theophylline and theobromine in aqueous solution. <i>Fluid Phase Equilibria</i> , <b>2011</b> , 308, 47-54	2.5	11
44	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
43	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
42	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
41	Distribution of C- and O-glycosyl flavonoids, (3-hydroxy-3-methylglutaryl)glycosyl flavanones and furocoumarins in <i>Citrus aurantium</i> L. juice. <i>Food Chemistry</i> , <b>2011</b> , 124, 576-582	8.5	93

40	Flavonoid profile and radical-scavenging activity of Mediterranean sweet lemon ( <i>Citrus limetta</i> Risso) juice. <i>Food Chemistry</i> , <b>2011</b> , 129, 417-422	8.5	69
39	Elucidation of the flavonoid and furocoumarin composition and radical-scavenging activity of green and ripe chinotto ( <i>Citrus myrtifolia</i> Raf.) fruit tissues, leaves and seeds. <i>Food Chemistry</i> , <b>2011</b> , 129, 1504-1512	8.5	53
38	Synthesis of BINOL-containing oxacalix[4]arenes. <i>Tetrahedron Letters</i> , <b>2011</b> , 52, 1351-1353	2	13
37	A DFT study on a calix[5]crown-based heteroditopic receptor. <i>Supramolecular Chemistry</i> , <b>2010</b> , 22, 358-364	6.4	13
36	Flavonoid composition and antioxidant activity of juices from Chinotto ( <i>Citrus x myrtifolia</i> Raf.) fruits at different ripening stages. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 3031-6	5.7	92
35	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
34	Threading the calix[5]arene annulus. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 2381-5	4.8	40
33	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
32	Shape selectivity in the synthesis of chiral macrocyclic amides. <i>Tetrahedron</i> , <b>2010</b> , 66, 4206-4211	2.4	37
31	Calix[5]crown-3-based heteroditopic receptors for n-butylammonium halides. <i>Tetrahedron</i> , <b>2010</b> , 66, 4987-4993	2.4	25
30	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
29	Ion-pair separation via selective inclusion/segregation processes. <i>CrystEngComm</i> , <b>2009</b> , 11, 1204	3.3	37
28	Halogen bonding-based anion coordination in calixarene/inorganic halide/diodoperfluorocarbon assemblies. <i>Supramolecular Chemistry</i> , <b>2009</b> , 21, 149-156	1.8	22
27	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
26	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
25	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
24	Threading Cyclodextrins in Chloroform: A [2]Pseudorotaxane. <i>International Journal of Molecular Sciences</i> , <b>2007</b> , 8, 1052-1063	6.3	5
23	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

22	Dipyridinocalixcrown/diiodoperfluorocarbon binary host systems for CsI: structural studies and fluorine phase extraction of caesium. <i>Tetrahedron</i> , <b>2007</b> , 63, 4951-4958	2.4	39
21	Distribution of flavonoids and furocoumarins in juices from cultivars of Citrus bergamia Risso. <i>Journal of Agricultural and Food Chemistry</i> , <b>2007</b> , 55, 9921-7	5.7	60
20	Flavonoid composition of Citrus juices. <i>Molecules</i> , <b>2007</b> , 12, 1641-73	4.8	426
19	Hybrid Calixarene/Inorganic Salt/Diiodoperfluorocarbon Supramolecular Assemblies. <i>Supramolecular Chemistry</i> , <b>2006</b> , 18, 235-243	1.8	36
18	Flavonoid glycosides in bergamot juice (Citrus bergamia Risso). <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 3929-35	5.7	102
17	Lower rim arylation of calix[n]arenes with extended perfluorinated domains. <i>Tetrahedron Letters</i> , <b>2006</b> , 47, 9049-9052	2	25
16	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
15	A Calix[5]arene-Based Heterotetrotopic Host for Molecular Recognition of Long-Chain, Ion-Paired Alkanediyl diammonium Salts. <i>Angewandte Chemie</i> , <b>2005</b> , 117, 4970-4974	3.6	16
14	Inclusion networks of a calix[5]arene-based exoditopic receptor and long-chain alkyldiammonium ions. <i>Organic Letters</i> , <b>2003</b> , 5, 4025-8	6.2	62
13	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
12	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
11	Guest-induced capsular assembly of calix[5]arenes. <i>Tetrahedron Letters</i> , <b>2002</b> , 43, 7663-7667	2	33
10	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
9	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
8	Synthetic Cyclic Oligosaccharides. <i>Chemical Reviews</i> , <b>1998</b> , 98, 1919-1958	68.1	109
7	Carbohydrate Nanotubes. <i>Angewandte Chemie International Edition in English</i> , <b>1997</b> , 36, 1451-1454		91
6	Kohlenhydrat-Nanoröhren. <i>Angewandte Chemie</i> , <b>1997</b> , 109, 1615-1617	3.6	21
5	Achiral Cyclodextrin Analogues. <i>Chemistry - A European Journal</i> , <b>1997</b> , 3, 1299-1314	4.8	29

- 4 Dipotassium Complex of Per-3,6-anhydro- $\alpha$ -Cyclodextrin. *Journal of Organic Chemistry*, **1996**, 61, 9553-9555 20
- 3 Synthesis and properties of a new family of cyclodextrin analogues. *Journal of Inclusion Phenomena and Macrocyclic Chemistry*, **1996**, 25, 47-52 2
- 2 A Novel Approach to the Synthesis of Some Chemically-Modified Cyclodextrins. *Journal of Organic Chemistry*, **1995**, 60, 3898-3903 4.2 52
- 1 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. *Journal of Organic Chemistry*, **1995**, 60, 5174-5179 4.2 31