Corrada Geraci

List of Publications by Year
in descending order

70 papers	2,552 citations	172457 29 h-index	197818 49 g-index
76 all docs	76 docs citations	76 times ranked	2849 citing authors

#	Article	IF	Citations
1	Electron-Transfer Reaction of Cinnamic Acids and Their Methyl Esters with the DPPHâ€¢ Radical in Alcoholic Solutions. Journal of Organic Chemistry, 2004, 69, 2309-2314.	3.2	516
2	The KDEL receptor couples to GÎ±_{q/11}to activate Src kinases and regulate transport through the Golgi. EMBO Journal, 2012, 31, 2869-2881.	7.8	105
3	Antimicrobial activity and chemical composition of essential oils from sicilian aromatic plants. Flavour and Fragrance Journal, 1993, 8, 331-337.	2.6	100
4	Essential oils encapsulated in polymer-based nanocapsules as potential candidates for application in food preservation. Food Chemistry, 2018, 269, 286-292.	8.2	98
5	Polycationic calix[8]arenes able to recognize and neutralize heparin. Organic and Biomolecular Chemistry, 2006, 4, 3763.	2.8	81
6	Synthesis and Lectin Binding Ability of Glycosamino Acidâ'Calixarenes Exposing GlcNAc Clusters. Organic Letters, 2004, 6, 4163-4166.	4.6	79
7	Calix[4]arene Decorated with Four Tn Antigen Glycomimetic Units and P₃CS Immunoadjuvant: Synthesis, Characterization, and Anticancer Immunological Evaluation. Bioconjugate Chemistry, 2008, 19, 751-758.	3.6	71
8	Potential Eye Drop Based on a Calix[4]arene Nanoassembly for Curcumin Delivery: Enhanced Drug Solubility, Stability, and Anti-Inflammatory Effect. Molecular Pharmaceutics, 2017, 14, 1610-1622.	4.6	61
9	Oregano (Origanum vulgare L.) essential oil provides anti-inflammatory activity and facilitates wound healing in a human keratinocytes cell model. Food and Chemical Toxicology, 2020, 144, 111586.	3.6	56
10	Designed calix[8]arene-based ligands for selective tryptase surface recognition. Bioorganic and Medicinal Chemistry, 2004, 12, 5057-5062.	3.0	54
11	Study on the Alkylation of p-tert-Butylcalix[8]arene. Partially O-Alkylated Calix[8]arenes. Journal of Organic Chemistry, 1994, 59, 3880-3889.	3.2	50
12	Synthesis of water-soluble nucleotide-calixarene conjugates and preliminary investigation of their in vitro DNA replication inhibitory activity. Tetrahedron, 2007, 63, 10758-10763.	1.9	50
13	Vesicle-to-micelle transition in aqueous solutions of amphiphilic calixarene derivatives. Physical Review E, 2006, 73, 051904.	2.1	47
14	First Self-Adjuvant Multicomponent Potential Vaccine Candidates by Tethering of Four or Eight MUC1 Antigenic Immunodominant PDTRP Units on a Calixarene Platform: Synthesis and Biological Evaluation. Bioconjugate Chemistry, 2013, 24, 1710-1720.	3.6	45
15	Oregano and Thyme Essential Oils Encapsulated in Chitosan Nanoparticles as Effective Antimicrobial Agents against Foodborne Pathogens. Molecules, 2021, 26, 4055.	3.8	42
16	Calix[8]arene-based glycoconjugates as multivalent carbohydrate-presenting systems. Tetrahedron Letters, 2003, 44, 7467-7470.	1.4	40
17	Design, synthesis and antibacterial evaluation of a polycationic calix[4]arene derivative alone and in combination with antibiotics. MedChemComm, 2018, 9, 160-164.	3.4	40
18	Multivalent calixarene-based C-fucosyl derivative: a new Pseudomonas aeruginosa biofilm inhibitor. Tetrahedron Letters, 2011, 52, 5831-5834.	1.4	39

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19	Spontaneous Self-Assembly of Water-Soluble Nucleotideâ"Calixarene Conjugates in Small Micelles Coalescing to Microspheres. Langmuir, 2008, 24, 6194-6200.	3.5	37
20	Glycoclusters presenting lactose on calix[4]arene cores display trypanocidal activity. Tetrahedron, 2011, 67, 5902-5912.	1.9	36
21	Synthesis of glycidyl calixarenes, versatile substrates for the preparation of chiral calixarene-based ligands. Tetrahedron: Asymmetry, 1996, 7, 17-20.	1.8	35
22	Hydroxycinnamic acids loaded in lipid-core nanocapsules. Food Chemistry, 2018, 245, 551-556.	8.2	35
23	An Unusual Nitrogenous Terphenyl Derivative from Fruiting Bodies of the BasidiomyceteSarcodon leucopus. Journal of Natural Products, 2000, 63, 347-351.	3.0	34
24	"Alternate Alkylation" of p-tert-Butylcalix[8]arene in the Presence of Weak Bases. Journal of Organic Chemistry, 1995, 60, 4126-4135.	3.2	33
25	Identification, clinical distribution, and susceptibility to methicillin and 18 additional antibiotics of clinical Staphylococcus isolates: nationwide investigation in Italy. Journal of Clinical Microbiology, 1984, 19, 838-843.	3.9	33
26	Singly Bridged Calix[8]crowns. Journal of Organic Chemistry, 2000, 65, 5143-5151.	3.2	32
27	Design and synthesis of a multivalent fluorescent folateâ€"calix[4]arene conjugate: cancer cell penetration and intracellular localization. Organic and Biomolecular Chemistry, 2015, 13, 3298-3307.	2.8	32
28	Remarkable Alkali Cation Template Effect in 1,5-Bridged Calix[8]arenes. Organic Letters, 2001, 3, 1605-1608.	4.6	31
29	Tetra-O-benzylated calix[8]arenes with C4 symmetry. Tetrahedron Letters, 1993, 34, 3319-3322.	1.4	30
30	Cation encapsulation within a ten-oxygen spheroidal cavity of conformationally preorganized 1,5-3,7-calix[8]bis-crown-3 derivatives. Chemical Communications, 1997, , 921-922.	4.1	28
31	Resolution of inherently chiral 1,4-2,5-calix[8]bis-crown-4 derivatives by enantioselective HPLC. Tetrahedron: Asymmetry, 1997, 8, 1169-1173.	1.8	28
32	Nanoencapsulated Essential Oils with Enhanced Antifungal Activity for Potential Application on Agri-Food, Material and Environmental Fields. Antibiotics, 2021, 10, 31.	3.7	28
33	Regioselective synthesis of calix[8]crowns by direct alkylation of p-tert-butylcalix[8]arene. Tetrahedron Letters, 1996, 37, 3899-3902.	1.4	27
34	Carob Seeds: Food Waste or Source of Bioactive Compounds?. Pharmaceutics, 2020, 12, 1090.	4.5	27
35	Inhibition of bacterial growth on marble stone of 18th century by treatment of nanoencapsulated essential oils. International Biodeterioration and Biodegradation, 2020, 148, 104909.	3.9	27
36	Crenuladial, an antimicrobial diterpenoid from the brown alga Dilophus ligulatus. Canadian Journal of Chemistry, 1988, 66, 2799-2802.	1.1	25

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37	Antimicrobial Tetraprenylpenols fron suillus granulatus. Journal of Natural Products, 1989, 52, 941-947.	3.0	25
38	Preorganization of Calix[8]arenes. Synthesis of Basket-Shaped Doubly-Crowned Calix[8]arenes. Tetrahedron Letters, 1995, 36, 5429-5432.	1.4	25
39	Alkali cation â€˜conformational templationâ€™ in 1,5-bridged calix[8]arenes: a single crystal X-ray proof. Tetrahedron Letters, 2002, 43, 1209-1211.	1.4	24
40	Inherent chirality in calix[8]arenes exploiting the steric constraint of two intercrossing polyether chains. Tetrahedron Letters, 1996, 37, 7627-7630.	1.4	23
41	Hydroxycinnamic acid clustered by a calixarene platform: radical scavenging and antioxidant activity. Tetrahedron Letters, 2006, 47, 6611-6614.	1.4	23
42	Inhibition of rat glioma cell migration and proliferation by a calix[8]arene scaffold exposing multiple GlcNAc and ureido functionalities. Journal of Neurochemistry, 2008, 107, 1047-1055.	3.9	23
43	Design, synthesis, and drug solubilising properties of the first folateâ€“calix[4]arene conjugate. Organic and Biomolecular Chemistry, 2011, 9, 6491.	2.8	23
44	Biofilm inhibition by biocompatible poly(Îµ-caprolactone) nanocapsules loaded with essential oils and their cyto/genotoxicity to human keratinocyte cell line. International Journal of Pharmaceutics, 2021, 606, 120846.	5.2	22
45	Interplay between cone and partial-cone geometry in doubly-bridged calix[8]arenes investigated by X-ray and 2D NMR. Perkin Transactions II RSC, 2000, , 185-187.	1.1	18
46	Previously unreported p-terphenyl derivatives with antibiotic properties from the fruiting bodies of Sarcodonleucopus (Basidiomycetes). A two-dimensional nuclear magnetic resonance study. Canadian Journal of Chemistry, 1987, 65, 2369-2372.	1.1	17
47	Modulation of C6 Glioma Cell Proliferation by Ureido-Calix[8]arenes. Pharmacology, 2010, 86, 182-188.	2.2	17
48	Atropisomerism in 1,5-Bridged Calix[8]arenes. Organic Letters, 2002, 4, 2649-2652.	4.6	16
49	Novel nucleotideâ€“calixarene conjugates via phosphoester linkage. Tetrahedron Letters, 2006, 47, 3245-3249.	1.4	14
50	An Antitutmor Principle from Suillus granulatus. Journal of Natural Products, 1989, 52, 844-845.	3.0	13
51	Polymeric Nanocapsules Containing Fennel Essential Oil: Their Preparation, Physicochemical Characterization, Stability over Time and in Simulated Gastrointestinal Conditions. Pharmaceutics, 2022, 14, 873.	4.5	12
52	Cytotoxic Activity of Tetraprenylphenols Related to Suillin, an Antitumor Principle from Suillus granulatus. Journal of Natural Products, 1992, 55, 1772-1775.	3.0	11
53	Synthesis and complexing properties of 1,5:3,7-doubly bridged calix[8]arenes with mixed spanning elements. Tetrahedron Letters, 2004, 45, 6277-6281.	1.4	11
54	Applications of two-dimensional NMR in spectral assignments of the cytotoxic triterpene saponaceolide B. Magnetic Resonance in Chemistry, 1991, 29, 603-606.	1.9	10

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55	Self-assembly of a nucleotide-calixarene hybrid in a triangular supramolecule. Tetrahedron Letters, 2007, 48, 7974-7977.	1.4	10
56	Synthesis of a calix[4]arene derivative exposing multiple units of fucose and preliminary investigation as a potential broad-spectrum antibiofilm agent. Carbohydrate Research, 2019, 476, 60-64.	2.3	10
57	Diester intrabridging of p-tert-butylcalix[8]arene and unexpected formation of the monospirodienone derivative. Tetrahedron Letters, 2003, 44, 53-56.	1.4	9
58	A sinapic acidâ€“calix[4]arene hybrid selectively binds Pb2+ over Hg2+ and Cd2+. Polyhedron, 2009, 28, 343-348.	2.2	9
59	Preorganization of calix[8]arenes. Synthesis of basket-shaped doubly-crowned calix[8]arenes. Tetrahedron Letters, 1995, 36, 5429-5432.	1.4	8
60	Doubly Bridged Calix[8]crowns. Collection of Czechoslovak Chemical Communications, 2004, 69, 1345-1361.	1.0	7
61	Polymer supported calixarene derivative useful for solid-phase synthesis application. Tetrahedron Letters, 2010, 51, 6139-6142.	1.4	7
62	Synthesis of p-tert-Butyl-5,5-bicalix[4]arene and Access to 5,5-Bicalix[4] arenes Functionalized at the Upper Rim. Letters in Organic Chemistry, 2005, 2, 252-257.	0.5	7
63	Supramolecular assembly of a succinyl-calix[4]arene derivative in multilamellar vesicles. Supramolecular Chemistry, 2016, 28, 377-383.	1.2	6
64	Azobenzene-bridged calix[8]arenes. Tetrahedron Letters, 2006, 47, 7809-7813.	1.4	5
65	Crystal structure of a p-tert-butylcalix[8]arene â€“ N-methyl-morpholine complex. Zeitschrift FÃ¼r Kristallographie, 2009, 224, 407-411.	1.1	5
66	Calixarene-based micelles. , 2018, , 89-143.		5
67	Chemistry of Larger Calix[n]aremes (n=7, 8, 9). , 2001, , 89-109.		2
68	Large Calixarenes. , 2016, , 141-173.		2
69	Polyprenyl Hydroquinones fromCroogomphus rutilus. Planta Medica, 1992, 58, 383-384.	1.3	1
70	Doubly Bridged Calix[8]crowns.. ChemInform, 2004, 35, no.	0.0	0