

# Enrico Dalcanale

## 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.

214  
papers

6,972  
citations

42  
h-index

73  
g-index

230  
ext. papers

7,452  
ext. citations

6.7  
avg, IF

5.65  
L-index

#	Paper	IF	Citations
214	Ultra-sensitive solid-phase Microextraction-Gas Chromatography-Mass spectrometry determination of polycyclic aromatic hydrocarbons in snow samples using a deep cavity BenzoQxCavitand. <i>Chemosphere</i> , <b>2022</b> , 303, 135144	8.4	0
213	Combined Approach of Mechanochemistry and Electron Crystallography for the Discovery of 1D and 2D Coordination Polymers. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 6660-6664	3.5	1
212	Reusable Cavitand-Based Electrospun Membranes for the Removal of Polycyclic Aromatic Hydrocarbons from Water. <i>Small</i> , <b>2021</b> , 18, e2104946	11	0
211	Selective discrimination and classification of G-quadruplex structures with a host-guest sensing array. <i>Nature Chemistry</i> , <b>2021</b> , 13, 488-495	17.6	12
210	Methyl Hexadecyl Viologen Inclusion in Cucurbit[8]uril: Coexistence of Three Host-Guest Complexes with Different Stoichiometry in a Highly Hydrated Crystal. <i>Crystal Growth and Design</i> , <b>2021</b> , 21, 3650-3655	3.5	1
209	Multidentate, V-Shaped Pyridine Building Blocks as Tectons for Crystal Engineering. <i>Chemistry - A European Journal</i> , <b>2021</b> , 27, 4660-4669	4.8	1
208	The Role of Chain Length in Cucurbit[8]uril Complexation of Methyl Alkyl Viologens. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 1547-1552	3.2	2
207	Hierarchical self-assembly and controlled disassembly of a cavitand-based host-guest supramolecular polymer. <i>Polymer Chemistry</i> , <b>2021</b> , 12, 389-401	4.9	2
206	Mechanically-Driven Vase-Kite Conformational Switch in Cavitand Cross-Linked Polyurethanes. <i>ChemistryOpen</i> , <b>2020</b> , 9, 261-268	2.3	4
205	Polyethylene vitrimers via silyl ether exchange reaction. <i>Polymer</i> , <b>2020</b> , 199, 122567	3.9	29
204	Solvent-responsive cavitand lanthanum complex. <i>Dalton Transactions</i> , <b>2019</b> , 48, 13732-13739	4.3	1
203	Damage-Reporting Carbon Fiber Epoxy Composites. <i>ACS Applied Polymer Materials</i> , <b>2019</b> , 1, 2990-2997	4.3	10
202	Velcra Functionalized Polyethylene. <i>Molecules</i> , <b>2019</b> , 24,	4.8	1
201	Hyphenation of a MEMS based pre-concentrator and GC-IMS. <i>Talanta</i> , <b>2019</b> , 191, 141-148	6.2	5
200	A new, deep quinoxaline-based cavitand receptor for the complexation of benzene. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , <b>2019</b> , 75, 103-108	0.7	
199	Physically cross-linked polyethylene via reactive extrusion. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 1741-1750	4.9	5
198	Reprocessable vinyllogous urethane cross-linked polyethylene via reactive extrusion. <i>Polymer Chemistry</i> , <b>2019</b> , 10, 5534-5542	4.9	27

197	Strain-reporting pyrene-grafted polyethylene. <i>European Polymer Journal</i> , <b>2019</b> , 111, 69-73	5.2	5
196	Cucurbit[7]uril-Dimethyllysine Recognition in a Model Protein. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 7244-7248	3.6	15
195	Cucurbit[7]uril-Dimethyllysine Recognition in a Model Protein. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 7126-7130	16.4	46
194	Mechanics of responsive polymers via conformationally switchable molecules. <i>Journal of the Mechanics and Physics of Solids</i> , <b>2018</b> , 113, 65-81	5	8
193	Inherently chiral phosphonate cavitands as enantioselective receptors for mono-methylated L-amino acids. <i>Supramolecular Chemistry</i> , <b>2018</b> , 30, 600-609	1.8	4
192	Environmental Gas Sensing with Cavitands. <i>Chemistry - A European Journal</i> , <b>2018</b> , 24, 1010-1019	4.8	32
191	pH-Driven Conformational Switching of Quinoxaline Cavitands in Polymer Matrices. <i>Synlett</i> , <b>2018</b> , 29, 2503-2508	2.2	7
190	Assessment of EtQxBox complexation in solution by steady-state and time-resolved fluorescence spectroscopy.. <i>RSC Advances</i> , <b>2018</b> , 8, 16314-16318	3.7	1
189	Sensing of halogenated aromatic hydrocarbons in water with a cavitand coated piezoelectric device. <i>Sensors and Actuators B: Chemical</i> , <b>2018</b> , 276, 340-348	8.5	8
188	Cavitand-Decorated Silicon Columnar Nanostructures for the Surface Recognition of Volatile Nitroaromatic Compounds. <i>ACS Omega</i> , <b>2018</b> , 3, 9172-9181	3.9	7
187	Metal ion complexation by tetrakisphosphonate cavitands: The influence of the ionic radius. <i>Inorganica Chimica Acta</i> , <b>2018</b> , 470, 250-253	2.7	2
186	Self-Assembly of TbPc Single-Molecule Magnets on Surface through Multiple Hydrogen Bonding. <i>Small</i> , <b>2018</b> , 14, 1702572	11	8
185	Probing the Structural Determinants of Amino Acid Recognition: X-Ray Studies of Crystalline Ditopic Host-Guest Complexes of the Positively Charged Amino Acids, Arg, Lys, and His with a Cavitand Molecule. <i>Molecules</i> , <b>2018</b> , 23,	4.8	6
184	Fluorinated Tetrakisphosphonate Cavitands. <i>Molecules</i> , <b>2018</b> , 23,	4.8	2
183	Dynamic Cross-Linking of Polyethylene via Sextuple Hydrogen Bonding Array. <i>Macromolecules</i> , <b>2018</b> , 51, 7680-7691	5.5	19
182	Biochemical sensing with macrocyclic receptors. <i>Chemical Society Reviews</i> , <b>2018</b> , 47, 7006-7026	58.5	80
181	Formation of TbPc Single-Molecule Magnets Covalent 1D Structures via Acyclic Diene Metathesis. <i>ACS Omega</i> , <b>2017</b> , 2, 517-521	3.9	2
180	Probing lysine mono-methylation in histone H3 tail peptides with an abiotic receptor coupled to a non-plasmonic resonator. <i>Nanoscale</i> , <b>2017</b> , 9, 8639-8646	7.7	20

179	Enantiospecific recognition of 2-butanol by an inherently chiral cavitand in the solid state. <i>CrystEngComm</i> , <b>2017</b> , 19, 3355-3361	3.3	2
178	In Search of the Ultimate Benzene Sensor: The EtQxBox Solution. <i>ACS Sensors</i> , <b>2017</b> , 2, 590-598	9.2	23
177	Cavitands <b>2017</b> , 87-115		1
176	Tuning of a Vertical Spin Valve with a Monolayer of Single Molecule Magnets. <i>Advanced Functional Materials</i> , <b>2017</b> , 27, 1703600	15.6	23
175	Strain Field Self-Diagnostic Poly(dimethylsiloxane) Elastomers. <i>Chemistry of Materials</i> , <b>2017</b> , 29, 7450-7457	4.5	22
174	Probing Molecular Recognition at the Solid-Gas Interface by Sum-Frequency Vibrational Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , <b>2016</b> , 7, 3022-6	6.4	4
173	Diphosphonate cavitands as molecular cups for L-lactic acid. <i>CrystEngComm</i> , <b>2016</b> , 18, 4958-4963	3.3	4
172	Triptycene-Roofed Quinoxaline Cavitands for the Supramolecular Detection of BTEX in Air. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3312-3319	4.8	35
171	Orthogonal Sensing of Small Molecules Using a Modular Nanoparticle-Based Assay. <i>ChemNanoMat</i> , <b>2016</b> , 2, 489-493	3.5	4
170	The Origin of Selectivity in the Complexation of N-Methyl Amino Acids by Tetrakisphosphonate Cavitands. <i>Journal of the American Chemical Society</i> , <b>2016</b> , 138, 8569-80	16.4	50
169	Resorcinarene-based cavitands as building blocks for crystal engineering. <i>CrystEngComm</i> , <b>2016</b> , 18, 5788-5802	3.9	31
168	Cavitands Endow All-Dielectric Beads With Selectivity for Plasmon-Free Enhanced Raman Detection of N-Methylated Lysine. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 14944-51	9.5	22
167	Conformationally blocked quinoxaline cavitand as solid-phase microextraction coating for the selective detection of BTEX in air. <i>Analytica Chimica Acta</i> , <b>2016</b> , 905, 79-84	6.6	29
166	Redox Switchable Thianthrene Cavitands. <i>Synthesis</i> , <b>2016</b> , 49, 358-364	2.9	1
165	Triptycene-Roofed Quinoxaline Cavitands for the Supramolecular Detection of BTEX in Air. <i>Chemistry - A European Journal</i> , <b>2016</b> , 22, 3189-3189	4.8	
164	Hierarchical Route for the Fabrication of Cavitand-Modified Nanostructured ZnO Fibers for Volatile Organic Compound Detection. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 12611-12617	3.8	16
163	Electrochemical decompatibilisation leads to morphology rearrangements in host-guest polymer blend films. <i>Soft Matter</i> , <b>2016</b> , 12, 5353-8	3.6	3
162	A fluorescent probe for ecstasy. <i>Chemical Communications</i> , <b>2015</b> , 51, 12799-802	5.8	16

161	An electrochemiluminescence-supramolecular approach to sarcosine detection for early diagnosis of prostate cancer. <i>Faraday Discussions</i> , <b>2015</b> , 185, 299-309	3.6	34
160	Multifunctional magnetic nanoparticles for enhanced intracellular drug transport. <i>Journal of Materials Chemistry B</i> , <b>2015</b> , 3, 4134-4145	7.3	17
159	A Rotaxane-Like Supramolecular Assembly Featuring Orthogonal Recognition Modes. <i>Asian Journal of Organic Chemistry</i> , <b>2015</b> , 4, 204-207	3	
158	Iodinated Bis(phthalocyaninato)terbium(III) Complexes: Versatile Platforms for Functionalization of Single-Molecule Magnets through Sonogashira Reaction. <i>European Journal of Organic Chemistry</i> , <b>2015</b> , 2015, 7036-7042	3.2	10
157	The effect of number and position of P=O/P=S bridging units on cavitand selectivity toward methyl ammonium salts. <i>Molecules</i> , <b>2015</b> , 20, 4460-72	4.8	3
156	pH-responsive host-guest polymerization and blending. <i>RSC Advances</i> , <b>2015</b> , 5, 11334-11342	3.7	5
155	Design and synthesis of a cavitand pillar for MOFs. <i>Supramolecular Chemistry</i> , <b>2014</b> , 26, 151-156	1.8	2
154	Probing cavitand-organosilane hybrid bilayers via sum-frequency vibrational spectroscopy. <i>Langmuir</i> , <b>2014</b> , 30, 12843-9	4	2
153	Cavitand-based solid-phase microextraction coating for the selective detection of nitroaromatic explosives in air and soil. <i>Analytical Chemistry</i> , <b>2014</b> , 86, 10646-52	7.8	26
152	Polymer Blending through Host-Guest Interactions. <i>Macromolecules</i> , <b>2014</b> , 47, 632-638	5.5	24
151	Magnetic behaviour of TbPc2 single-molecule magnets chemically grafted on silicon surface. <i>Nature Communications</i> , <b>2014</b> , 5, 4582	17.4	91
150	Cavitand-grafted silicon microcantilevers as a universal probe for illicit and designer drugs in water. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 9183-8	16.4	39
149	Detection of Olfactory Traces by Orthogonal Gas Identification Technologies - DOGGIES <b>2014</b> ,		2
148	In situ metalation of free base phthalocyanine covalently bonded to silicon surfaces. <i>Beilstein Journal of Nanotechnology</i> , <b>2014</b> , 5, 2222-9	3	8
147	Hierarchical Self-Assembly of Luminescent EuIII Complexes on Silicon. <i>European Journal of Inorganic Chemistry</i> , <b>2014</b> , 2014, 2687-2694	2.3	4
146	Cavitand-Grafted Silicon Microcantilevers as a Universal Probe for Illicit and Designer Drugs in Water. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 9337-9342	3.6	6
145	Selectivity assessment in host-guest complexes from single-crystal X-ray diffraction data: the cavitand-alcohol case. <i>CrystEngComm</i> , <b>2014</b> , 16, 10987-10996	3.3	5
144	Adsorptive-Stripping Voltammetry at PEDOT-Modified Electrodes. Determination of Epicatechin. <i>Food Analytical Methods</i> , <b>2014</b> , 7, 754-760	3.4	11

143	Luminescent Cavitands as Novel Optically Active Materials. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 411-415	0.2	
142	A New Sensitive and Fast Detection System for Amphetamine Type Stimulants (ATS), Based on Gas-Chromatography (GC) and Hollow Fiber Infrared Absorption Spectroscopy (HF-IRAS). <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 177-182	0.2	
141	Determination of Polyphenols in Bakery Food Matrices with New Detection Methods. <i>Lecture Notes in Electrical Engineering</i> , <b>2014</b> , 459-462	0.2	
140	Functionalization of PEGylated Fe <sub>3</sub> O <sub>4</sub> magnetic nanoparticles with tetraphosphonate cavitand for biomedical application. <i>Nanoscale</i> , <b>2013</b> , 5, 11438-46	7.7	32
139	Supramolecular sensing of short chain alcohols with mixed-bridged thio-phosphonate cavitands. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 179, 74-80	8.5	15
138	Supramolecular sensing with phosphonate cavitands. <i>Accounts of Chemical Research</i> , <b>2013</b> , 46, 399-411	24.3	98
137	Surface ionization detection of amine containing drugs. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 185, 771-776	8.5	6
136	Rapid and Simultaneous Analysis of Xanthines and Polyphenols as Bitter Taste Markers in Bakery Products by FT-NIR Spectroscopy. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 17-27	3.4	20
135	Rapid screening and identification of illicit drugs by IR absorption spectroscopy and gas chromatography <b>2013</b> ,		4
134	Detection of amphetamine precursors with quinoxaline-bridged cavitands. <i>Supramolecular Chemistry</i> , <b>2013</b> , 25, 682-687	1.8	8
133	Cavitand-functionalized SWCNTs for N-methylammonium detection. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 6540-3	16.4	56
132	Exclusive recognition of sarcosine in water and urine by a cavitand-functionalized silicon surface. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2012</b> , 109, 2263-8	11.5	54
131	Nanomechanical recognition of N-methylammonium salts. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 2392-8	16.4	35
130	Production of novel microporous porphyrin materials with superior sensing capabilities. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 5647		15
129	Cavitand-functionalized porous silicon as an active surface for organophosphorus vapor detection. <i>Langmuir</i> , <b>2012</b> , 28, 1782-9	4	36
128	Polymerization with Ditopic Cavitand Monomers <b>2012</b> , 71-93		
127	Switching from separated to contact ion-pair binding modes with diastereomeric calix[4]pyrrole bis-phosphonate receptors. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 13121-32	16.4	36
126	Proacetylenic reactivity of a push-pull buta-1,2,3-triene: new chromophores and supramolecular systems. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 1185-90	4.5	27

125	CO <sub>2</sub> capture by multivalent amino-functionalized calix[4]arenes: self-assembly, absorption, and QCM detection studies. <i>Journal of Organic Chemistry</i> , <b>2011</b> , 76, 3720-32	4.2	29
124	Guest-controlled aggregation of cavitand gold nanoparticles and N-methyl pyridinium-terminated PEG. <i>Chemical Communications</i> , <b>2011</b> , 47, 6596-8	5.8	10
123	Cavitand-Based Coordination Cages: Achievements and Current Challenges. <i>Israel Journal of Chemistry</i> , <b>2011</b> , 51, 781-797	3.4	22
122	Molecular Recognition with Ditopic Cavitand Re Complexes. <i>European Journal of Organic Chemistry</i> , <b>2011</b> , 2011, 2629-2642	3.2	12
121	Highly Selective Chemical Vapor Sensing by Molecular Recognition: Specific Detection of C1-C4 Alcohols with a Fluorescent Phosphonate Cavitand. <i>Angewandte Chemie</i> , <b>2011</b> , 123, 4750-4753	3.6	6
120	Highly selective chemical vapor sensing by molecular recognition: specific detection of C1-C4 alcohols with a fluorescent phosphonate cavitand. <i>Angewandte Chemie - International Edition</i> , <b>2011</b> , 50, 4654-7	16.4	49
119	Supramolecular control of single-crystal-to-single-crystal transformation through selective guest exchange. <i>Chemistry - A European Journal</i> , <b>2011</b> , 17, 3064-8	4.8	35
118	Interplay Between Cyclization and Polymerization in Ditopic Cavitand Monomers. <i>Australian Journal of Chemistry</i> , <b>2010</b> , 63, 646	1.2	3
117	Thermodynamics of host-guest interactions between methylpyridinium salts and phosphonate cavitands. <i>Supramolecular Chemistry</i> , <b>2010</b> , 22, 768-775	1.8	30
116	Formation of tetrameric water clusters driven by a cavitand template. <i>Chemical Communications</i> , <b>2010</b> , 46, 88-90	5.8	29
115	Tetraphosphonate cavitands: interplay between metal coordination and H-bonding in the formation of dimeric capsules. <i>CrystEngComm</i> , <b>2010</b> , 12, 2057	3.3	11
114	Molecular recognition of halogen-tagged aromatic VOCs at the air-silicon interface. <i>Chemical Communications</i> , <b>2010</b> , 46, 288-90	5.8	21
113	Hierarchical self-assembly on silicon. <i>Journal of the American Chemical Society</i> , <b>2010</b> , 132, 4781-9	16.4	33
112	Discussion 6.A <b>2010</b> , 429-434		
111	Discussion 6.B <b>2010</b> , 463-466		
110	Hydrogen bonding in phosphonate cavitands: investigation of host-guest complexes with ammonium salts. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2010</b> , 21, 440-50	3.5	12
109	Ion-pair complexation with a cavitand receptor. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 7813-9	4.8	28
108	Host-guest-driven copolymerization of tetraphosphonate cavitands. <i>Chemistry - A European Journal</i> , <b>2010</b> , 16, 14313-21	4.8	38

107	Novel Vacuum Evaporated Cavitand Sensors for Detecting Very Low Alcohol Concentrations. <i>Lecture Notes in Electrical Engineering</i> , <b>2010</b> , 161-164	0.2	
106	Single-molecule-magnet carbon-nanotube hybrids. <i>Angewandte Chemie - International Edition</i> , <b>2009</b> , 48, 746-50	16.4	78
105	Real-time monitoring of sub-ppb concentrations of aromatic volatiles with a MEMS-enabled miniaturized gas-chromatograph. <i>Sensors and Actuators B: Chemical</i> , <b>2009</b> , 141, 322-328	8.5	158
104	Self-assembly of a cavitand-based heteronuclear coordination cage. <i>Tetrahedron</i> , <b>2009</b> , 65, 7289-7295	2.4	17
103	Molecular recognition on a cavitand-functionalized silicon surface. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 7447-55	16.4	56
102	Self-complementary phosphonate cavitands. <i>Journal of Organic Chemistry</i> , <b>2009</b> , 74, 3923-6	4.2	23
101	Highly selective monomethylation of primary amines through host-guest product sequestration. <i>Journal of the American Chemical Society</i> , <b>2009</b> , 131, 2452-3	16.4	63
100	Innovative cavitand-based sol-gel coatings for the environmental monitoring of benzene and chlorobenzenes via solid-phase microextraction. <i>Analytical Chemistry</i> , <b>2008</b> , 80, 6423-30	7.8	48
99	Fully reversible guest exchange in tetrakisphosphonate cavitand complexes probed by fluorescence spectroscopy. <i>Chemical Communications</i> , <b>2008</b> , 1638-40	5.8	58
98	Synthesis of Partially Bridged Phosphonate and Thiophosphonate Resorcinarenes. <i>Supramolecular Chemistry</i> , <b>2008</b> , 20, 29-34	1.8	14
97	Supramolecular sensing with phosphonate cavitands. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 5772-9	4.8	71
96	Electrochemically controlled formation/dissociation of phosphonate-cavitand/methylpyridinium complexes. <i>Chemistry - A European Journal</i> , <b>2008</b> , 14, 8964-71	4.8	21
95	Anion binding to resorcinarene-based cavitands: the importance of C-H...anion interactions. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 788-92	16.4	121
94	Host-guest driven self-assembly of linear and star supramolecular polymers. <i>Angewandte Chemie - International Edition</i> , <b>2008</b> , 47, 4504-8	16.4	106
93	Anionen bindende Resorcinaren-Cavitanden: die Bedeutung von C-H...Anion-Wechselwirkungen. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 800-804	3.6	23
92	Host-Guest Driven Self-Assembly of Linear and Star Supramolecular Polymers. <i>Angewandte Chemie</i> , <b>2008</b> , 120, 4580-4584	3.6	31
91	Vacuum-Evaporated Cavitand Sensors: Dissecting Specific from Nonspecific Interactions in Ethanol Detection. <i>Chemistry of Materials</i> , <b>2008</b> , 20, 6535-6542	9.6	27
90	A supramolecular approach to sub-ppb aromatic VOC detection in air. <i>Chemical Communications</i> , <b>2007</b> , 2790-2	5.8	48



89	Measuring H-bonding in supramolecular complexes by gas phase ion-molecule reactions. <i>Chemical Communications</i> , <b>2007</b> , 3865-7	5.8	38
88	Molecular recognition at the gas-solid interface: a powerful tool for chemical sensing. <i>Chemical Society Reviews</i> , <b>2007</b> , 36, 695-706	58.5	119
87	Supramolecular surface plasmon resonance (SPR) sensors for organophosphorus vapor detection. <i>Journal of Materials Chemistry</i> , <b>2007</b> , 17, 1809		40
86	Self-assembly of nanosize coordination cages on si(100) surfaces. <i>Chemistry - A European Journal</i> , <b>2007</b> , 13, 6891-8	4.8	33
85	MOS-based artificial olfactory system for the assessment of egg products freshness. <i>Sensors and Actuators B: Chemical</i> , <b>2007</b> , 125, 40-47	8.5	24
84	Introduction of Water-Solubilizing Groups at the Lower Rim of Tolyipyridine-Bridged Cavitands. <i>Supramolecular Chemistry</i> , <b>2007</b> , 19, 67-74	1.8	3
83	. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2006</b> , 55, 828-834	5.2	25
82	Conformational behavior of pyrazine-bridged and mixed-bridged cavitands: a general model for solvent effects on thermal "vase-kite" switching. <i>Chemistry - A European Journal</i> , <b>2006</b> , 12, 4775-84	4.8	68
81	Sensing vase-to-kite switching of cavitands by sum-frequency vibrational spectroscopy. <i>Journal of the American Chemical Society</i> , <b>2006</b> , 128, 12610-1	16.4	18
80	Grafting cavitands on the Si(100) surface. <i>Langmuir</i> , <b>2006</b> , 22, 11126-33	4	38
79	Metal-directed self-assembly of cavitand frameworks. <i>Journal of Organic Chemistry</i> , <b>2006</b> , 71, 2617-24	4.2	37
78	ESI-FTICR mass spectrometric study of alcohol complexation properties of mono- and diphosphonate-bridged cavitands. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2006</b> , 17, 213-215		14
77	Inclusion of methano[60]fullerene derivatives in cavitand-based coordination cages. <i>Tetrahedron</i> , <b>2006</b> , 62, 2008-2015	2.4	38
76	Dynamic and structural NMR studies of cavitand-based coordination cages. <i>Journal of the American Chemical Society</i> , <b>2005</b> , 127, 7025-32	16.4	69
75	Proton driven vase-to-kite conformational change in cavitands at an air-water interface monitored by surface SHG. <i>Langmuir</i> , <b>2005</b> , 21, 7066-70	4	8
74	Design and self-assembly of ditopic and tetratopic cavitand complexes. <i>Chemistry - A European Journal</i> , <b>2005</b> , 11, 3136-48	4.8	33
73	Self-Assembled Metallo-Capsules Based on Cavitands <b>2004</b> , 1-11		
72	Cavitand-coated PZT resonant piezo-layer sensors: properties, structure, and comparison with QCM sensors at different temperatures under exposure to organic vapors. <i>Sensors and Actuators B: Chemical</i> , <b>2004</b> , 103, 240-246	8.5	21

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