Angela Namor

List of Publications by Year
in descending order

48 papers	1,248 citations	430874 18 h-index	361022 35 g-index
49 all docs	49 docs citations	49 times ranked	1059 citing authors

#	Article	IF	Citations
1	Thermodynamics of Calixarene Chemistry. Chemical Reviews, 1998, 98, 2495-2526.	47.7	327
2	Turning the volume down on heavy metals using tuned diatomite. A review of diatomite and modified diatomite for the extraction of heavy metals from water. Journal of Hazardous Materials, 2012, 241-242, 14-31.	12.4	120
3	Selective Interaction of Lower Rim Calix[4]arene Derivatives and Bivalent Cations in Solution. Crystallographic Evidence of the Versatile Behavior of Acetonitrile in Lead(II) and Cadmium(II) Complexes. Journal of the American Chemical Society, 2002, 124, 12824-12836.	13.7	89
4	Selective Recognition of Halide Anions by Calix[4]pyrrole:Â A Detailed Thermodynamic Study. Journal of Physical Chemistry B, 2003, 107, 6462-6468.	2.6	58
5	Recognition of Biologically and Environmentally Important Phosphate Anions by Calix[4]pyrrole:Â Thermodynamic Aspects. Journal of Physical Chemistry A, 2004, 108, 7324-7330.	2.5	41
6	A New Calix[4]pyrrole Derivative and Its Anion (Fluoride)/Cation (Mercury and Silver) Recognition. Journal of Physical Chemistry B, 2007, 111, 3098-3105.	2.6	40
7	Modified Calix[4]pyrrole Receptor:Â Solution Thermodynamics of Anion Complexation and a Prelimenary Account on the Phosphate Extraction Ability of its Oligomer. Journal of Physical Chemistry B, 2007, 111, 12177-12184.	2.6	34
8	Double-Cavity Calix[4]pyrrole Derivative with Enhanced Capacity for the Fluoride Anion. Journal of Physical Chemistry B, 2005, 109, 17440-17444.	2.6	31
9	New Insights on Anion Recognition by Isomers of a Calix Pyrrole Derivative. Journal of Physical Chemistry B, 2006, 110, 12653-12659.	2.6	31
10	Calix[4]pyrrole for the removal of arsenic (III) and arsenic (V) from water. Journal of Hazardous Materials, 2017, 326, 61-68.	12.4	30
11	Sulfur-Containing Hetero-Calix[4]pyrroles as Mercury(II) Cation-Selective Receptors:â€‰ Thermodynamic Aspects. Journal of Physical Chemistry B, 2007, 111, 5803-5810.	2.6	24
12	Calix[4]Pyrrole Derivative: Recognition of Fluoride and Mercury Ions and Extracting Properties of the Receptor-Based New Material. Journal of Physical Chemistry B, 2008, 112, 15766-15774.	2.6	24
13	Thermodynamics of Hostâ^'Guest Interactions in Lower Rim Functionalized Calix[4]arenes and Metal Cations:â€‰ The Medium Effect. Journal of Physical Chemistry B, 2004, 108, 11384-11392.	2.6	23
14	Solvent Control on the Selective, Nonselective, and Absent Response of a Partially Substituted Lower Rim Calix(4)arene Derivative for Soft Metal Cations (Mercury(II) and Silver(I)). Structural and Thermodynamic Studies. Journal of Physical Chemistry A, 2005, 109, 6743-6751.	2.5	23
15	Solution thermodynamics of pyridinocalix(4)arenes and monovalent cations. Coordination Chemistry Reviews, 1999, 190-192, 283-295.	18.8	20
16	Resorcarene-Based Receptor:Â Versatile Behavior in Its Interaction with Heavy and Soft Metal Cations. Journal of Physical Chemistry B, 2006, 110, 2442-2450.	2.6	20
17	Calixarene and Resorcarene Based Receptors: From Structural and Thermodynamic Studies to the Synthesis of a New Mercury(II) Selective Material. Journal of Physical Chemistry B, 2011, 115, 6922-6934.	2.6	20
18	Anion Complexation by Calix[3]thieno[1]pyrrole:Â The Medium Effect. Journal of Physical Chemistry B, 2006, 110, 2142-2149.	2.6	19

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19	A Calix(4)arene Pyridine Derivative and Its Monomeric Component:Â Structural and Thermodynamic Aspects of Their Complexation with Metal Cations. Journal of Physical Chemistry B, 2005, 109, 14735-14741.	2.6	17
20	The first quantitative assessment of the individual processes involved in the extraction of alkali-metal picrates by ethyl p-tert-butylcalix(4)arenetetraethanoate in the water[ndash]benzonitrile solvent system. Journal of the Chemical Society, Faraday Transactions, 1997, 93, 3955-3959.	1.7	16
21	Thermodynamics of Alkaliâ^'Metal Cations and Macrocycles (18-Crown-6,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (Ethyl p-Physical Chemistry B, 1997, 101, 6772-6779.	2.6	16
22	The Medium Effect on the Thermodynamics of Complexation of 5,11,17,23-Tetrakis-(1,1-dimethylethyl)-25,27-bis(methylthioethoxy)-26,28-bis[(diethylamine)ethoxy]calix(4)arene and the Silver Cation. Journal of Physical Chemistry B, 1998, 102, 7839-7844.	2.6	15
23	Extraction of silver (I) by calixarene amine derivatives: The medium effect on the stoichiometry of the phase transfer extraction process. Physical Chemistry Chemical Physics, 2001, 3, 5242-5247.	2.8	15
24	Cation Complexation by a Lower Rim Calix(4)arene Derivative: Structural, Electrochemical and Thermodynamic Studies. Supramolecular Chemistry, 2004, 16, 423-433.	1.2	15
25	Solvation Effect of Guest, Supramolecular Host, and Hostâ^'Guest Compounds on the Thermodynamic Selectivity of Calix(4)arene Derivatives and Soft Metal Cations. Journal of Physical Chemistry B, 2005, 109, 18096-18102.	2.6	14
26	Cation/Anion Recognition by A Partially Substituted Lower Rim Calix[4]arene Hydroxyamide, A Ditopic Receptor. Journal of Physical Chemistry A, 2006, 110, 9575-9584.	2.5	14
27	Solution Thermodynamics of Ba(II)â^'Cryptand 222 in Various Solvents and Derived Coordination Data in the Solid State. Journal of Physical Chemistry B, 1997, 101, 1643-1648.	2.6	13
28	A new calix[4]arene derivative and its ionic recognition for silver(<scp>i</scp>) and mercury(<scp>ii</scp>): the solvent effect. New Journal of Chemistry, 2011, 35, 375-384.	2.8	13
29	Calixpyrrole chemistry: a study of a new ditopic receptor highlighting some fundamental concepts in assessing thermodynamic selectivity. Physical Chemistry Chemical Physics, 2010, 12, 753-760.	2.8	12
30	A ditopic calix[4]pyrrole amide derivative: highlighting the importance of fundamental studies and the use of NaPh₄B as additive in the design and applications of mercury(<scp>ii</scp>) ion selective electrodes. Journal of Materials Chemistry A, 2015, 3, 13016-13030.	10.3	12
31	Calix[4] based Hg(II) ion selective electrodes: A thermodynamic protocol to address the selectivity versus the hosting capacity paradigm in the selection of the carrier. Electrochimica Acta, 2018, 290, 686-694.	5.2	12
32	Heats of solution of 1:1 electrolytes in 1,2- and 1,1-dichloroethane and derived enthalpies and entropies of transfer of electrolytes from water to these solvents. Journal of Solution Chemistry, 1976, 5, 529-542.	1.2	11
33	Solution thermodynamics of Lanthanideâ€"Cryptand 222 complexation processes. Journal of Coordination Chemistry, 2003, 56, 1245-1255.	2.2	10
34	Ionic Recognition by 7-Nitro-1,3,5-triaza Adamantane: First Thermodynamic Study. Journal of Physical Chemistry B, 2009, 113, 4775-4780.	2.6	10
35	Thermodynamics of Ethylp-tert-Butylcalix[5]arene Pentanoate and Its Cation Complexes in Nonaqueous Media. Journal of Physical Chemistry B, 2007, 111, 7321-7330.	2.6	9
36	Extraction of 1:1 electrolytes from aqueous solutions by resins containing dibenzo-18-crown-6 as anchor groups. Polyhedron, 1986, 5, 839-843.	2.2	7

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37	A Partially Substituted Calix[4]resorcarene Receptor and Its Selective Recognition for Soft Metal Cations (Silver and Mercury). Journal of Physical Chemistry B, 2008, 112, 2070-2077.	2.6	7
38	The fluoride dilemma. Journal of Thermal Analysis and Calorimetry, 2007, 87, 7-14.	3.6	6
39	Ethyl p-tert-butylcalix(4)arene ethanoate: The role of acetonitrile in the extraction of alkali-metal picrates and on the X-ray structures of the sodium complexes. Physical Chemistry Chemical Physics, 2004, 6, 3286.	2.8	4
40	Partition and transfer of chlorophenoxy acids (herbicides) in waterâ€“non-aqueous media. New Journal of Chemistry, 2005, 29, 1072.	2.8	4
41	Chapter 3 Calixpyrroleâ€“Fluoride Interactions: From Fundamental Research to Applications in the Environmental Field. Advances in Fluorine Science, 2006, 2, 81-119.	0.1	4
42	A calix[4]arene derivative and its selective interaction with drugs (clofibric acid, diclofenac and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54	4.0	4
43	An asymmetric N-rim partially substituted calix[4]pyrrole: Its affinity for Ag(I) and its destruction by Hg(II). Arabian Journal of Chemistry, 2020, 13, 4824-4834.	4.9	4
44	Amine-modified silica for removing aspirin from water. International Journal of Environmental Science and Technology, 0, , 1.	3.5	4
45	Targeting Colorectal Cancer Cells with a Functionalised Calix[4]arene Receptor: Biophysical Studies. Molecules, 2022, 27, 510.	3.8	3
46	Extraction of Alkali-Metal Picrates by Calixarene Esters in the Waterâ€“Nitrobenzene Solvent System. The Medium Effect on the Partition and Extraction Processes. Supramolecular Chemistry, 2006, 18, 575-580.	1.2	2
47	Calix[4]arene amine modified silica: from fundamentals to new recyclable materials for the removal of chlorophenoxy acids from water. RSC Advances, 2015, 5, 33524-33535.	3.6	1
48	A selective and easily recyclable dimer based on a calix[4]pyrrole derivative for the removal of mercury(ii) from water. RSC Advances, 2020, 10, 3060-3071.	3.6	0