Antonella DallaCort

List of Publications by Year
in descending order

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84	2,364	186209	233338
papers	citations	28 h-index	45 g-index

92	92	92	2281
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Excited state dynamics of Znâ€“salophen complexes. Photochemical and Photobiological Sciences, 2022, 21, 923-934.	1.6	1
2	Clickâ€Connected 2â€(Hydroxyimino)aldehydes for the Design of UVâ€Responsive Functional Molecules. European Journal of Organic Chemistry, 2021, 2021, 289-294.	1.2	2
3	A Newly Designed Water Soluble Uranylâ€Salophen Complex for Anion Recognition. ChemistryOpen, 2021, 10, 848-851.	0.9	1
4	A Simple and Efficient Mechanochemical Route for the Synthesis of Salophen Ligands and of the Corresponding Zn, Ni, and Pd Complexes. Molecules, 2019, 24, 2314.	1.7	15
5	Synthesis of potential HIV integrase inhibitors inspired by natural polyphenol structures. Natural Product Research, 2018, 32, 1893-1901.	1.0	3
6	MicroRNAs delivery into human cells grown on 3D-printed PLA scaffolds coated with a novel fluorescent PAMAM dendrimer for biomedical applications. Scientific Reports, 2018, 8, 13888.	1.6	22
7	The Supramolecular Attitude of Metalâ€“Salophen and Metalâ€“Salen Complexes. Inorganics, 2018, 6, 42.	1.2	29
8	Adenosine monophosphate recognition by zincâ€“salophen complexes: IRMPD spectroscopy and quantum modeling study. Journal of Molecular Spectroscopy, 2017, 335, 108-116.	0.4	12
9	Experimental and Computational Investigation of Salophenâ€“Zn Gas Phase Complexes with Cations: A Source of Possible Interference in Anionic Recognition. Journal of Physical Chemistry A, 2017, 121, 7042-7050.	1.1	1
10	Novel uranyl(VI) complexes incorporating ethynyl groups as potential halide chemosensors: an experimental and computational approach. Supramolecular Chemistry, 2017, 29, 922-927.	1.5	3
11	Multitopic Receptors. , 2017, , 417-435.		0
12	Colorimetric and fluorescence â€œturn-onâ€•recognition of fluoride by a maleonitrile-based uranyl salen-complex. Dyes and Pigments, 2016, 135, 94-101.	2.0	20
13	Solution and Solidâ€State Studies on the Halide Binding Affinity of Perfluorophenylâ€Armed Uranylâ€“Salophen Receptors Enhanced by Anionâ€“Ï€ Interactions. Chemistry - A European Journal, 2016, 22, 18714-18717.	1.7	14
14	Rational design of a supramolecular gel based on a Zn(<scp>ii</scp>)â€“salophen bis-dipeptide derivative. RSC Advances, 2016, 6, 57306-57309.	1.7	19
15	Ternary assemblies comprising metalâ€“salophen complexes and 4,4â€²-bipyridine. New Journal of Chemistry, 2016, 40, 5714-5721.	1.4	6
16	Anion selectivity of Znâ€“salophen receptors: Influence of ligand substituents. Inorganica Chimica Acta, 2015, 434, 1-6.	1.2	12
17	Fluoride binding in water with the use of micellar nanodevices based on salophen complexes. Organic and Biomolecular Chemistry, 2015, 13, 2437-2443.	1.5	14
18	Unexpected Emission Properties of a 1,8â€Naphthalimide Unit Covalently Appended to a Znâ€“Salophen. European Journal of Inorganic Chemistry, 2015, 2015, 2664-2670.	1.0	8

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19	Editorial: Supramolecular chemistry in water. Organic and Biomolecular Chemistry, 2015, 13, 2499-2500.	1.5	29
20	Anion Recognition by Uranylâ€“Salophen Derivatives as Probed by Infrared Multiple Photon Dissociation Spectroscopy and Ab Initio Modeling. Chemistry - A European Journal, 2014, 20, 11783-11792.	1.7	13
21	Orthohalogen substituents dramatically enhance hydrogen bonding of aromatic ureas in solution. Chemical Communications, 2014, 50, 611-613.	2.2	18
22	A Route to Oligosaccharide-Appended Salicylaldehydes: Useful Building Blocks for the Synthesis of Metalâ€“Salophen Complexes. Journal of Organic Chemistry, 2013, 78, 7962-7969.	1.7	9
23	Paramagnetic Relaxation Enhancement Experiments: A Valuable Tool for the Characterization of Micellar Nanodevices. Journal of Physical Chemistry B, 2013, 117, 11654-11659.	1.2	9
24	Substituent Effects on the Biological Properties of Zn-Salophen Complexes. Inorganic Chemistry, 2013, 52, 9245-9253.	1.9	50
25	Luminescent zinc salophen derivatives: cytotoxicity assessment and action mechanism studies. New Journal of Chemistry, 2013, 37, 1046.	1.4	31
26	Synthesis and photochemical behaviour of novel uranylâ€“salophen complexes bearing anthracenyl side arms. Supramolecular Chemistry, 2013, 25, 109-115.	1.5	5
27	Molecular aggregation of novel Zn(II)-salophenpyridyl derivatives. Supramolecular Chemistry, 2013, 25, 709-717.	1.5	7
28	Ion-Pair Recognition by Metal - Salophen and Metal - Salen Complexes. Australian Journal of Chemistry, 2012, 65, 1638.	0.5	20
29	Kinetics of demetallation of a zincâ€“salophen complex into liposomes. Biochimica Et Biophysica Acta - Biomembranes, 2012, 1818, 747-752.	1.4	14
30	Monitoring Fluoride Binding in DMSO: Why is a Singular Binding Behavior Observed?. European Journal of Organic Chemistry, 2012, 2012, 3570-3574.	1.2	19
31	Substituent effects in cationâ€“Ï€ interactions. Recognition of tetramethylammonium chloride by uranyl-salophen receptors. Chemical Science, 2012, 3, 2119.	3.7	12
32	Anion Recognition in Water with Use of a Neutral Uranyl-salophen Receptor. Journal of Organic Chemistry, 2011, 76, 7569-7572.	1.7	54
33	Metalâ€“salophen-based receptors for anions. Chemical Society Reviews, 2010, 39, 3863.	18.7	133
34	A new water soluble Znâ€salophen derivative as a receptor for Î±â€aminoacids: Unexpected chiral discrimination. Chirality, 2009, 21, 104-109.	1.3	32
35	Specific Supramolecular Interactions between Zn²⁺-Salophen Complexes and Biologically Relevant Anions. Inorganic Chemistry, 2009, 48, 6229-6235.	1.9	85
36	Fluoride Binding in Water: A New Environment for a Known Receptor. ChemPhysChem, 2008, 9, 2168-2171.	1.0	29

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37	Enantiomerization of Chiral Uranylâ^'Salophen Complexes via Unprecedented Ligand Hemilability: Toward Configurationally Stable Derivatives. Journal of Organic Chemistry, 2008, 73, 6108-6118.	1.7	26
38	Specific recognition of fluoride anion using a metallamacrocycle incorporating a uranyl-salen unit. New Journal of Chemistry, 2008, 32, 1113.	1.4	41
39	The Role of Attractive van der Waals Forces in the Catalysis of Michael Addition by a Phenyl Decorated Uranyl-Salophen Complex. Journal of Organic Chemistry, 2008, 73, 9439-9442.	1.7	19
40	A Kinetic Study of the Conjugate Addition of Benzenethiol to Cyclic Enones Catalyzed by a Nonsymmetrical Uranylâ^'Salophen Complex. Journal of Organic Chemistry, 2007, 72, 5383-5386.	1.7	16
41	Nonsymmetrically Substituted Uranyl-Salophen Receptors: New Opportunities for Molecular Recognition and Catalysis. Supramolecular Chemistry, 2007, 19, 79-87.	1.5	26
42	Evidence of the Facile Hydride and Enolate Addition to the Imine Bond of an Aluminumâ^'Salophen Complex. Inorganic Chemistry, 2007, 46, 9057-9059.	1.9	19
43	Fluoride-responsive organogelator based on oxalamide-derived anthraquinone. Chemical Communications, 2007, , 3535.	2.2	107
44	Ion Pair Recognition of Quaternary Ammonium and Iminium Salts by Uranylâ^'Salophen Compounds in Solution and in the Solid State. Journal of the American Chemical Society, 2007, 129, 3641-3648.	6.6	97
45	Specific sensing of poly G by the aluminumâ€"salophen complex. Journal of Inorganic Biochemistry, 2007, 101, 1129-1132.	1.5	5
46	Zincâ€"salophen complexes as selective receptors for tertiary amines. New Journal of Chemistry, 2007, 31, 1633.	1.4	88
47	A novel ditopic zinc-salophen macrocycle: a potential two-stationed wheel for [2]-pseudorotaxanes. Organic and Biomolecular Chemistry, 2006, 4, 4543.	1.5	24
48	Crystal Structure of a CsFâ^'Uranylâ^'Salen Complex. An Unusual Cesiumâ^'Chlorine Coordination. Inorganic Chemistry, 2006, 45, 6099-6101.	1.9	29
49	Stereomutations of Atropisomers of Sterically Hindered Salophen Ligands.. ChemInform, 2006, 37, no.	0.1	0
50	Ion-Pairing Effects in the Self-Assembly of a Fluorescent Pseudorotaxane. European Journal of Organic Chemistry, 2006, 2006, 105-112.	1.2	38
51	Recognition of Alkali Metal Halide Contact Ion Pairs by Uranylâ^'Salophen Receptors Bearing Aromatic Sidearms. The Role of Cationâ^'Ï€ Interactions. Journal of the American Chemical Society, 2005, 127, 3831-3837.	6.6	141
52	Exclusive transition state stabilization in the supramolecular catalysis of Dielsâ€"Alder reaction by a uranyl salophen complex. Chemical Communications, 2005, , 3867.	2.2	24
53	Inherently Chiral Uranyl-Salophen Macrocycles:Â Computer-Aided Design and Resolution. Journal of Organic Chemistry, 2005, 70, 9814-9821.	1.7	18
54	Stereomutations of Atropisomers of Sterically Hindered Salophen Ligands. Journal of Organic Chemistry, 2005, 70, 8877-8883.	1.7	50

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55	Evaluation of Chiral Recognition Ability of a Novel Uranylâ€“Salophen-Based Receptor: An Easy and Rapid Testing Protocol. Chemistry - A European Journal, 2004, 10, 3301-3307.	1.7	23
56	Aromatic Bridged Bis-phenol A Derived Cyclophanes. Synthesis, Molecular Structure and Binding Properties Toward Quats. Supramolecular Chemistry, 2004, 16, 59-66.	1.5	2
57	Isolation and Epimerization Kinetics of the First Diastereoisomer of an Inherently Chiral Uranylâ^'Salophen Complex. Organic Letters, 2004, 6, 1697-1700.	2.4	11
58	â€œInherent chiralityâ€•and curvature. New Journal of Chemistry, 2004, 28, 1198-1199.	1.4	114
59	New Insight into the Mechanism of the Conjugate Addition of Benzenethiol to Cyclic and Acyclic Enones and of the Corresponding Uranylâ^'Salophen-Catalysed Version. European Journal of Organic Chemistry, 2003, 2003, 627-633.	1.2	31
60	Uranyl-salophen based ditopic receptors for the recognition of quaternary ammonium halides. Chemical Communications, 2003, , 2420.	2.2	45
61	Unprecedented detection of inherent chirality in uranylâ€“salophen complexes. Chemical Communications, 2003, , 2178-2179.	2.2	32
62	Molecular Recognition of Carbonyl Compounds by Uranyl-salophen Based Neutral Receptors Driven by Van Der Waals Forces. Supramolecular Chemistry, 2002, 14, 211-219.	1.5	31
63	Chiral anion-mediated asymmetric induction onto chiral diquats. Tetrahedron Letters, 2002, 43, 423-426.	0.7	28
64	Counteranion Effect on Complexation of Quats by a Neutral Calix[5]arene Receptor. Journal of Organic Chemistry, 2001, 66, 1900-1902.	1.7	72
65	Polyether-bridged cyclophanes incorporating bisphenol A units as neutral receptors for quats: synthesis, molecular structure and binding properties. Journal of Physical Organic Chemistry, 2001, 14, 425-431.	0.9	8
66	Bis-phenol A Cyclophanes: Synthesis, Crystal Structures and Binding Studies. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2001, 39, 229-234.	1.6	2
67	Experimental and Computational Study of Complexes Between Quats and Naphthalenophanes. Supramolecular Chemistry, 2001, 13, 313-323.	1.5	1
68	Catalysis of the Addition of Benzenethiol to 2-Cyclohexen-1-ones by Uranyl-Salophen Complexes: A Catalytic Metallocleft with High Substrate Specificity. Chemistry - A European Journal, 2000, 6, 1193-1198.	1.7	14
69	Catalysis of the Addition of Benzenethiol to 2-Cyclohexen-1-ones by Uranyl-Salophen Complexes: A Catalytic Metallocleft with High Substrate Specificity. Chemistry - A European Journal, 2000, 6, 1193-1198.	1.7	26
70	CALIXARENES AS HOSTS FOR QUATS. , 2000, , 85-110.		7
71	Rates and Equilibria of the Michael-Type Addition of Benzenethiol to 2-Cyclopenten-1-ones. Journal of Organic Chemistry, 1999, 64, 8122-8126.	1.7	26
72	Supramolecular Catalysis of 1,4-Thiol Addition by Salophenâ^'Uranyl Complexes. Journal of the American Chemical Society, 1998, 120, 12688-12689.	6.6	36

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73	Cation-Ï€ interactions between neutral calix[5]arene hosts and cationic organic guests. Tetrahedron, 1997, 53, 4901-4908.	1.0	84
74	Cyclophanes as Neutral Receptors for Quaternary Ammonium and Iminium Cations in Chloroform Solution. Journal of Organic Chemistry, 1995, 60, 8313-8314.	1.7	27
75	Macrocyclization under Kinetic Control. A Theoretical Study and Its Application to the Synthesis of Macrocyclic Poly(thiolactones). Journal of the American Chemical Society, 1994, 116, 7081-7087.	6.6	35
76	Effective molarities from distributions of cyclic oligomers in the synthesis of polythiolactones. Journal of the Chemical Society Chemical Communications, 1993, , 538.	2.0	10
77	Group 14 organometallic reagents. 11. Macrocyclic polylactones by catalyzed cyclooligomerization. Tetra[(S)-.beta.-butyrolactone]. Journal of Organic Chemistry, 1992, 57, 1472-1476.	1.7	18
78	Group 14 organometallic reagents. 12. An improved procedure for the synthesis of macrocyclic poly(thialactones). The dramatic effect of reactant mixing. Journal of Organic Chemistry, 1992, 57, 766-768.	1.7	21
79	Reaction of enol silyl ethers and enol acetates with copper(II) nitrate-iodine: synthesis of .alpha.-iodo ketones. Journal of Organic Chemistry, 1991, 56, 6708-6709.	1.7	36
80	A Simple and Convenient Method for Cleavage of Silyl Esthers. Synthetic Communications, 1990, 20, 757-760.	1.1	36
81	Selective One-Pot Oxidation of Methylarenes to Benzyl Alcohols with the Copper(II)-Peroxydisulfate System. Synthetic Communications, 1988, 18, 613-616.	1.1	13
82	Substituent effects on intramolecular selectivity and free energy relationships in anodic and metal-ion oxidations of 5-substituted 1,2,3-trimethylbenzenes. Journal of Organic Chemistry, 1986, 51, 4544-4548.	1.7	31
83	Ring-closure reactions. 21. Intramolecular .beta.-elimination competing with ring formation from o-(.omega.-bromoalkoxy)phenoxides over a wide range of ring sizes. Journal of Organic Chemistry, 1983, 48, 3979-3982.	1.7	8
84	Ring-closure reactions. 17. The kinetics of formation of meta- and paracyclophane diethers. Journal of Organic Chemistry, 1980, 45, 3923-3925.	1.7	9