

Ana MarÃ- a Costero

List of Publications by Year in descending order

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182
papers

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116194

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all docs

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docs citations

188
times ranked

6249
citing authors

#	ARTICLE	IF	CITATIONS
1	Spermine and Spermidine Detection through Restricted Intramolecular Rotations in a Tetraphenylethylene Derivative. <i>Chemosensors</i> , 2022, 10, 8.	1.8	5
2	Mesoporous Silica Nanoparticles in Chemical Detection: From Small Species to Large Bio-Molecules. <i>Sensors</i> , 2022, 22, 261.	2.1	20
3	Microwave-Assisted Synthesis of Covalent Organic Frameworks: A Review. <i>ChemSusChem</i> , 2021, 14, 208-233.	3.6	80
4	Heteroditopic chemosensor to detect $\hat{1}^3$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Analyst</i> , The, 2021, 146, 5601-5609.	1.7	5
5	Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. <i>Nanomaterials</i> , 2021, 11, 818.	1.9	2
6	Bifunctionalized Gold Nanoparticles for the Colorimetric Detection of the Drug $\hat{1}^3$ -Hydroxybutyric Acid (GHB) in Beverages. <i>Chemosensors</i> , 2021, 9, 160.	1.8	3
7	Isomerization and Redox Tuning: Reorganizing the Maya Blue Puzzle from Synthetic, Spectral, and Electrochemical Issues. <i>Journal of Physical Chemistry C</i> , 2021, 125, 26188-26200.	1.5	2
8	A nitric oxide induced "click" reaction to trigger the aggregation induced emission (AIE) phenomena of a tetraphenyl ethylene derivative: A new fluorescent probe for NO. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112132.	2.0	7
9	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , 2020, 5, 2966-2972.	4.0	7
10	Protection against chemical submission: naked-eye detection of $\hat{1}^3$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Chemical Communications</i> , 2020, 56, 12600-12603.	2.2	12
11	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020, 5, 3618-3625.	0.7	2
12	Recent Progress of Microwave-Assisted Synthesis of Silica Materials. <i>Nanomaterials</i> , 2020, 10, 1092.	1.9	42
13	Chemical and electrochemical behaviour of 4,4'-tetrakis(dimethylamino)-tetraphenylethylene in an oxidant environment: Toward a new sensor for NO ₂ and SO ₂ in gas phase. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127929.	4.0	1
14	Halogen-containing BODIPY derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 160, 198-207.	2.0	46
15	Not always what closes best opens better: mesoporous nanoparticles capped with organic gates. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 699-709.	2.8	3
16	Double Drug Delivery Using Capped Mesoporous Silica Microparticles for the Effective Treatment of Inflammatory Bowel Disease. <i>Molecular Pharmaceutics</i> , 2019, 16, 2418-2429.	2.3	18
17	Acetylcholine-responsive cargo release using acetylcholinesterase-capped nanomaterials. <i>Chemical Communications</i> , 2019, 55, 5785-5788.	2.2	10
18	<sc>A</sc>-glutamate-responsive delivery system based on enzyme-controlled self-immolative arylboronate-gated nanoparticles. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1058-1063.	2.3	6

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19	Resorcinol Functionalized Gold Nanoparticles for Formaldehyde Colorimetric Detection. <i>Nanomaterials</i> , 2019, 9, 302.	1.9	18
20	A Colorimetric Probe for the Selective Detection of Norepinephrine Based on a Double Molecular Recognition with Functionalized Gold Nanoparticles. <i>ACS Applied Nano Materials</i> , 2019, 2, 1367-1373.	2.4	35
21	Efficacy of budesonide-loaded mesoporous silica microparticles capped with a bulky azo derivative in rats with TNBS-induced colitis. <i>International Journal of Pharmaceutics</i> , 2019, 561, 93-101.	2.6	12
22	Colorimetric detection of normetanephrine, a pheochromocytoma biomarker, using bifunctionalised gold nanoparticles. <i>Analytica Chimica Acta</i> , 2019, 1056, 146-152.	2.6	25
23	Towards the fluorogenic detection of peroxide explosives through host-guest chemistry. <i>Royal Society Open Science</i> , 2018, 5, 171787.	1.1	7
24	Selective and sensitive colorimetric detection of the neurotransmitter serotonin based on the aggregation of bifunctionalised gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2018, 258, 829-835.	4.0	46
25	A New Environmentally-Friendly Colorimetric Probe for Formaldehyde Gas Detection under Real Conditions. <i>Molecules</i> , 2018, 23, 2646.	1.7	25
26	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. <i>Molecules</i> , 2018, 23, 375.	1.7	11
27	Smart gated magnetic silica mesoporous particles for targeted colon drug delivery: New approaches for inflammatory bowel diseases treatment. <i>Journal of Controlled Release</i> , 2018, 281, 58-69.	4.8	39
28	Mesoporous silica microparticles gated with a bulky azo derivative for the controlled release of dyes/drugs in colon. <i>Royal Society Open Science</i> , 2018, 5, 180873.	1.1	6
29	A New Highly Selective Chromogenic and Fluorogenic Chemosensor for Copper (II). <i>Letters in Organic Chemistry</i> , 2018, 15, 659-664.	0.2	2
30	Targeting inflammasome by the inhibition of caspase-1 activity using capped mesoporous silica nanoparticles. <i>Journal of Controlled Release</i> , 2017, 248, 60-70.	4.8	31
31	Influence of side chain characteristics on the aggregation-induced emission (AIE) properties of tetrasubstituted tetraphenylethylene (TPE). <i>RSC Advances</i> , 2017, 7, 14279-14282.	1.7	10
32	Determination of the chemical warfare agents Sarin, Soman and Tabun in natural waters employing fluorescent hybrid silica materials. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 1056-1065.	4.0	35
33	NO ₂ -controlled cargo delivery from gated silica mesoporous nanoparticles. <i>Chemical Communications</i> , 2017, 53, 585-588.	2.2	16
34	Structure and Conformational Studies of Aza-Crown 8-Amino-BODIPY Derivatives: Influence of Steric Hindrance on Their Photophysical Properties. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6283-6290.	1.2	9
35	Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. <i>Chemistry - A European Journal</i> , 2016, 22, 14126-14130.	1.7	14
36	3-Formyl-BODIPY Phenylhydrazone as a Chromo-Fluorogenic Probe for Selective Detection of NO ₂ (g). <i>Chemistry - A European Journal</i> , 2016, 22, 8448-8451.	1.7	11

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37	Biphenyl derivatives containing trimethylsilyl benzyl ether or oxime groups as probes for NO ₂ detection. RSC Advances, 2016, 6, 43719-43723.	1.7	2
38	Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. New Journal of Chemistry, 2016, 40, 9042-9045.	1.4	25
39	Selective Recognition and Sensing of Succinate vs. Other Aliphatic Dicarboxylates by Thiourea-Functionalized Gold Nanoparticles. ChemistrySelect, 2016, 1, 1057-1060.	0.7	6
40	Frontispiece: A Rapid and Sensitive Strip-Based Quick Test for Nerve Agents Tabun, Sarin, and Soman Using BODIPY-Modified Silica Materials. Chemistry - A European Journal, 2016, 22, .	1.7	0
41	Frontispiece: Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. Chemistry - A European Journal, 2016, 22, .	1.7	0
42	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. Bulletin of the Chemical Society of Japan, 2016, 89, 498-500.	2.0	8
43	Acetylcholinesterase-Capped Mesoporous Silica Nanoparticles That Open in the Presence of Diisopropylfluorophosphate (a Sarin or Soman Simulant). Organic Letters, 2016, 18, 5548-5551.	2.4	20
44	A Rapid and Sensitive Strip-Based Quick Test for Nerve Agents Tabun, Sarin, and Soman Using BODIPY-Modified Silica Materials. Chemistry - A European Journal, 2016, 22, 11138-11142.	1.7	48
45	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 14318-14322.	4.0	70
46	A Boron Dipyrromethene (BODIPY)-Based Cu ^{II} -Bipyridine Complex for Highly Selective NO Detection. Chemistry - A European Journal, 2015, 21, 15486-15490.	1.7	19
47	A Simple System Based on a Thiourea-Modified Fluorescein for %Amino Acid Discrimination. European Journal of Organic Chemistry, 2015, 2015, 6597-6601.	1.2	1
48	A New Simple Chromo-fluorogenic Probe for NO ₂ Detection in Air. Chemistry - A European Journal, 2015, 21, 8720-8722.	1.7	9
49	Solvatochromic and Single Crystal Studies of Two Neutral Triarylmethane Dyes with a Quinone Methide Structure. Molecules, 2015, 20, 20688-20698.	1.7	4
50	5,5-Bis-vanillin derivatives as discriminating sensors for trivalent cations. Tetrahedron Letters, 2015, 56, 3988-3991.	0.7	7
51	Racemic Triarylmethanol Derivative Crystallizes as a Chiral Crystal Structure with Enantiomeric Disorder, in the Sohncke Space Group <i>P</i> ₂ ₁ . Crystal Growth and Design, 2015, 15, 3452-3456.	1.4	3
52	2,4-dinitrophenyl ether-containing chemodosimeters for the selective and sensitive <i>in vitro</i> and <i>in vivo</i> detection of hydrogen sulfide. Supramolecular Chemistry, 2015, 27, 244-254.	1.5	9
53	Selective colorimetric NO(g) detection based on the use of modified gold nanoparticles using click chemistry. Chemical Communications, 2015, 51, 3077-3079.	2.2	27
54	A Chalcone-Based Highly Selective and Sensitive Chromofluorogenic Probe for Trivalent Metal Cations. ChemPlusChem, 2015, 80, 800-804.	1.3	12

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55	Low-cost, portable open-source gas monitoring device based on chemosensory technology. <i>Measurement Science and Technology</i> , 2015, 26, 085103.	1.4	2
56	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 30-38.	2.2	7
57	Towards the design of organocatalysts for nerve agents remediation: The case of the active hydrolysis of DCNP (a Tabun mimic) catalyzed by simple amine-containing derivatives. <i>Journal of Hazardous Materials</i> , 2015, 298, 73-82.	6.5	14
58	Synthesis and In Vitro Evaluation of a Photosensitizer BODIPY Derivative for Potential Photodynamic Therapy Applications. <i>Chemistry - an Asian Journal</i> , 2015, 10, 2121-2125.	1.7	11
59	Azide and sulfonylazide functionalized fluorophores for the selective and sensitive detection of hydrogen sulfide. <i>Sensors and Actuators B: Chemical</i> , 2015, 207, 987-994.	4.0	21
60	A new chromo-fluorogenic probe based on BODIPY for NO ₂ detection in air. <i>Chemical Communications</i> , 2015, 51, 1725-1727.	2.2	21
61	Highly Selective Fluorescence Detection of Hydrogen Sulfide by Using an Anthracene-Functionalized Cyclam-Cu ^{II} Complex. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 41-45.	1.0	37
62	A Chromogenic Probe for the Selective Recognition of Sarin and Soman Mimic DFP. <i>ChemistryOpen</i> , 2014, 3, 142-145.	0.9	28
63	Highly Selective Detection of Nerve Agent Simulants with BODIPY Dyes. <i>Chemistry - A European Journal</i> , 2014, 20, 6339-6347.	1.7	79
64	Off-on BODIPY-based chemosensors for selective detection of Al ³⁺ and Cr ³⁺ versus Fe ³⁺ in aqueous media. <i>RSC Advances</i> , 2014, 4, 8962-8965.	1.7	33
65	Triarylcarbinol functionalized gold nanoparticles for the colorimetric detection of nerve agent simulants. <i>Tetrahedron Letters</i> , 2014, 55, 3093-3096.	0.7	14
66	Concentration depending fluorescence of 8-(di-(2-picoly))aminoBODIPY in solution. <i>Tetrahedron</i> , 2014, 70, 3735-3739.	1.0	7
67	A Chemosensor Bearing Sulfonyl Azide Moieties for Selective Chromo-fluorogenic Hydrogen Sulfide Recognition in Aqueous Media and in Living Cells. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1848-1854.	1.2	19
68	On the Ion Pair Recognition and Indication Features of a Fluorescent Heteroditopic Host Based on a BODIPY Core. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4005-4013.	1.2	14
69	Ratiometric double channel borondipyrromethene based chemodosimeter for the selective detection of nerve agent mimics. <i>Dyes and Pigments</i> , 2014, 108, 76-83.	2.0	26
70	Selective chromo-fluorogenic detection of DFP (a Sarin and Soman mimic) and DCNP (a Tabun mimic) with a unique probe based on a boron dipyrromethene (BODIPY) dye. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8745-8751.	1.5	38
71	Chromo-fluorogenic BODIPY-complexes for selective detection of V-type nerve agent surrogates. <i>Chemical Communications</i> , 2014, 50, 13289-13291.	2.2	54
72	Towards the potential use of ¹ H NMR spectroscopy in urine samples for prostate cancer detection. <i>Analyst</i> , 2014, 139, 3875-3878.	1.7	15

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73	BODIPY dyes functionalized with 2-(2-dimethylaminophenyl)ethanol moieties as selective OFF-ON fluorescent chemodosimeters for the nerve agent mimics DCNP and DFP. <i>RSC Advances</i> , 2014, 4, 15975-15982.	1.7	34
74	Detection and discrimination of organophosphorus pesticides in water by using a colorimetric probe array. <i>Sensors and Actuators B: Chemical</i> , 2014, 202, 727-731.	4.0	22
75	Functionalized Gold Nanoparticles as an Approach to the Direct Colorimetric Detection of DCNP Nerve Agent Simulant. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4770-4779.	1.2	29
76	Boolean operations mediated by an ion-pair receptor of a multi-readout molecular logic gate. <i>Chemical Communications</i> , 2013, 49, 11056.	2.2	25
77	A new fluorescent turn-on-chemodosimeter for the detection of hydrogen sulfide in water and living cells. <i>RSC Advances</i> , 2013, 3, 25690.	1.7	19
78	Binding and Fluorescent Sensing of Dicarboxylates by a Bis(calix[4]pyrrole)-Substituted BODIPY Dye. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1515-1520.	1.2	25
79	Fluorogenic detection of Tetryl and TNT explosives using nanoscopic-capped mesoporous hybrid materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3561.	5.2	48
80	Neutral 1,3-diindolylureas for Nerve Agent Remediation. <i>Chemistry - A European Journal</i> , 2013, 19, 1586-1590.	1.7	33
81	Enzyme-Responsive Silica Mesoporous Supports Capped with Azopyridinium Salts for Controlled Delivery Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 1346-1356.	1.7	39
82	Selective and sensitive chromogenic detection of cyanide and HCN in solution and in gas phase. <i>Chemical Communications</i> , 2013, 49, 5669.	2.2	60
83	Inversion of selectivity in anion recognition with conformationally blocked calix[4]pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8445.	1.5	9
84	Discrimination of nerve gases mimics and other organophosphorous derivatives in gas phase using a colorimetric probe array. <i>Chemical Communications</i> , 2012, 48, 10105.	2.2	51
85	Aryl carbinols as nerve agent probes. Influence of the conjugation on the sensing properties. <i>New Journal of Chemistry</i> , 2012, 36, 1485.	1.4	11
86	Design of Enzyme-Mediated Controlled Release Systems Based on Silica Mesoporous Supports Capped with Ester-Glycol Groups. <i>Langmuir</i> , 2012, 28, 14766-14776.	1.6	43
87	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10556-10560.	7.2	122
88	Nerve agent simulant detection by using chromogenic triaryl methane cation probes. <i>Tetrahedron</i> , 2012, 68, 8612-8616.	1.0	28
89	Multichannel Sensors Based on Biphenyl and Cyclohexane Conformational Changes. <i>Springer Series on Chemical Sensors and Biosensors</i> , 2012, , 1-32.	0.5	0
90	Amidase-responsive controlled release of antitumoral drug into intracellular media using gluconamide-capped mesoporous silica nanoparticles. <i>Nanoscale</i> , 2012, 4, 7237.	2.8	39

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91	Selective Detection of Nerve Agent Simulants by Using Triarylmethanol-Based Chromogenic Chemodosimeters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4937-4946.	1.2	38
92	Optical chemosensors and reagents to detect explosives. <i>Chemical Society Reviews</i> , 2012, 41, 1261-1296.	18.7	1,019
93	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	2.2	246
94	A new phenanthrene-based bis-oxime chemosensor for Fe(III) and Cr(III) discrimination. <i>Tetrahedron</i> , 2012, 68, 4882-4887.	1.0	46
95	Highly selective and sensitive chromo-fluorogenic detection of the Tetryl explosive using functional silica nanoparticles. <i>Chemical Communications</i> , 2011, 47, 11885.	2.2	19
96	Chromogenic, Specific Detection of the Nerve Agent Mimic DCNP (a Tabun Mimic). <i>Chemistry - A European Journal</i> , 2011, 17, 6931-6934.	1.7	89
97	A Molecular Probe for the Highly Selective Chromogenic Detection of DFP, a Mimic of Sarin and Soman Nerve Agents. <i>Chemistry - A European Journal</i> , 2011, 17, 11994-11997.	1.7	61
98	Selective opening of nanoscopic capped mesoporous inorganic materials with nerve agent simulants; an application to design chromo-fluorogenic probes. <i>Chemical Communications</i> , 2011, 47, 8313.	2.2	40
99	Chromo-Fluorogenic Detection of Nerve Agent Mimics Using Triggered Cyclization Reactions in Push-Pull Dyes. <i>Chemistry - an Asian Journal</i> , 2010, 5, 1573-1585.	1.7	49
100	Chromogenic Detection of Nerve Agent Mimics by Mass Transport Control at the Surface of Bifunctionalized Silica Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5945-5948.	7.2	45
101	Biphenyl-type sensing system in proton-rich environment by fluorescence and quantum-chemical calculations. <i>Journal of Luminescence</i> , 2010, 130, 1085-1091.	1.5	6
102	Unexplored Nucleophilic Ring Opening of Aziridines. <i>Molecules</i> , 2010, 15, 9135-9144.	1.7	2
103	Multi-channel receptors based on thiopyrylium functionalised with macrocyclic receptors for the recognition of transition metal cations and anions. <i>Dalton Transactions</i> , 2010, 39, 3449.	1.6	28
104	Fluorescein-Based Thiourea Derivatives as Fluorogenic Sensors for Mono and Dicarboxylates. <i>Sensor Letters</i> , 2010, 8, 818-823.	0.4	2
105	Fluorescent Cyclohexyl-Based Chemosensors for Selective Sensing of TMA Malonate in DMSO/Water. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3673-3677.	1.2	10
106	Hg ²⁺ and Cu ²⁺ selective detection using a dual channel receptor based on thiopyrylium scaffoldings. <i>Tetrahedron Letters</i> , 2009, 50, 3885-3888.	0.7	44
107	Enantioselective sensing of dicarboxylates. Influence of the stoichiometry of the complexes on the sensing mechanism. <i>Tetrahedron: Asymmetry</i> , 2009, 20, 1468-1471.	1.8	14
108	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , 2009, 33, 1641.	1.4	64

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109	Complexation of α , β -dicarboxylates by 3,3'-bis(5-phenyl-1,4-dioxo-2,3,5-triaza)-2,2'-bipyridine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 203-207.	1.6	3
110	3,3'-Disubstituted 2,2'-Bipyridines as Carboxylate Receptors: Conformational Regulation of the Bipyridine Moiety. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 1079-1084.	1.2	8
111	Solid-liquid extraction of α -amino acids using ditopic receptors. <i>Tetrahedron</i> , 2008, 64, 110-116.	1.0	13
112	Chiral cyclohexane based fluorescent chemosensors for enantiomeric discrimination of aspartate. <i>Tetrahedron</i> , 2008, 64, 3217-3224.	1.0	25
113	Fluorescent chemosensors based on cyclohexane: selective sensing of succinate and malonate versus their longer or shorter homologues. <i>Tetrahedron</i> , 2008, 64, 7252-7257.	1.0	17
114	Chromogenic detection of nerve agent mimics. <i>Chemical Communications</i> , 2008, , 6002.	2.2	98
115	Influence of Cation Size on the Fluorescent Properties of Bis-coronand Biphenyl-derived Complexes. <i>Supramolecular Chemistry</i> , 2007, 19, 151-158.	1.5	1
116	Chromogenic and fluorogenic reagents for chemical warfare nerve agents' detection. <i>Chemical Communications</i> , 2007, , 4839.	2.2	189
117	Relationship between ligand conformations and complexation properties in ditopic biphenyl thioureas. <i>Tetrahedron</i> , 2007, 63, 7899-7905.	1.0	11
118	Biphenylthioureas as organocatalysts for electrochemical reductions. <i>Tetrahedron Letters</i> , 2007, 48, 6992-6995.	0.7	14
119	Colorimetric sensing of anions by a neutral biphenyl based amide receptor. <i>Arkivoc</i> , 2007, 2007, 92-101.	0.3	0
120	Experimental evidence for the homochiral aggregation of ammonium salts in solution. <i>New Journal of Chemistry</i> , 2006, 30, 1263-1266.	1.4	9
121	New macrocycles derived from biphenyl for pH-switched solvent extraction. <i>Tetrahedron</i> , 2006, 62, 2671-2676.	1.0	1
122	N-Biphenyl thioureas as carboxylate receptors. Effect of the ligand substituents on the geometry of the complexes. <i>Tetrahedron</i> , 2006, 62, 8571-8577.	1.0	22
123	4,4'-Substituted biphenyl coronands. Preparation of a new selective fluorescent sensor for mercury salts. <i>Tetrahedron</i> , 2006, 62, 11972-11978.	1.0	11
124	A selective colorimetric chemodosimeter for the naked eye detection of benzoate anion. <i>Tetrahedron Letters</i> , 2006, 47, 6561-6564.	0.7	12
125	Fluorescent sensing of maleate versus fumarate by a neutral cyclohexane based thiourea receptor. <i>Chemical Communications</i> , 2006, , 761.	2.2	44
126	Biphenyl Macrolactams as Colorimetric Sensors for Anions through Displacement Reactions. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2006, 54, 61-66.	1.6	5

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127	Magnetochemistry of 4,4'-bis(dimethylamino)biphenyl and 4,4'-dinitrobiphenyl azacrown macrocyclic lactams. <i>Electrochimica Acta</i> , 2005, 50, 4063-4075.	2.6	2
128	Cation and anion fluorescent and electrochemical sensors derived from 4,4'-substituted biphenyl. <i>Tetrahedron</i> , 2005, 61, 10309-10320.	1.0	15
129	Synthesis of chiral 18-crown-6 ethers containing lipophilic chains and their enantiomeric recognition of chiral ammonium picrates. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 2673-2679.	1.8	56
130	Poly(amine) biphenyl derivatives as fluorescent sensors for anions and cations. <i>Journal of Materials Chemistry</i> , 2005, 15, 2848.	6.7	24
131	pH-Dependent ligands as carriers in transport experiments. <i>Comptes Rendus Chimie</i> , 2004, 7, 15-23.	0.2	3
132	Bis(crown ethers) derived from biphenyl: extraction and electrochemical properties. <i>Tetrahedron</i> , 2004, 60, 4683-4691.	1.0	23
133	Conformationally regulated fluorescent sensors. Study of the selectivity in Zn ²⁺ versus Cd ²⁺ sensing. <i>Tetrahedron</i> , 2004, 60, 6327-6334.	1.0	38
134	Biphenyl macrolactams in anion complexation. Selective naked-eye fluoride recognition. <i>Tetrahedron</i> , 2004, 60, 9471-9478.	1.0	61
135	Magnetochemistry modulation of pre-organization processes in a 4,4'-dinitrobiphenyl azacrown macrocyclic lactam. <i>Electrochemistry Communications</i> , 2004, 6, 908-912.	2.3	3
136	Polyazapodands Derived from Biphenyl. Study of their Behaviour as Conformationally Regulated Fluorescent Sensors. <i>Supramolecular Chemistry</i> , 2004, 16, 435-446.	1.5	9
137	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 45, 241-249.	1.6	8
138	A Fluorescent Chemosensor Able to Distinguish between Ionic and Covalent Mercury Compounds. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 46, 121-124.	1.6	3
139	Synthesis of a New pH-Dependent Ligand: Conformational and Complexation Studies. <i>Supramolecular Chemistry</i> , 2003, 15, 403-408.	1.5	8
140	4,4'-Bis(dimethylamino)biphenyl containing binding sites. A new fluorescent subunit for cation sensing. <i>Dalton Transactions RSC</i> , 2002, , 1769-1775.	2.3	36
141	Crown ethers derived from cyclohexane. Influence of their stereochemistry in complexation and transport. <i>Tetrahedron</i> , 2002, 58, 6729-6734.	1.0	16
142	Synthesis, solution and electrochemical behaviour of new aza-crown ethers derived from biphenyl. <i>Dalton Transactions RSC</i> , 2000, , 361-367.	2.3	14
143	Redox-active aza-crown ethers derived from biphenyl. electrochemical and solution studies of complexation. <i>Tetrahedron</i> , 1999, 55, 15141-15150.	1.0	11
144	Complexation Studies Using Azamacrolactones Derived from Biphenyl. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999, 35, 147-155.	1.6	0

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145	Redox-active crown ethers derived from biphenyl. Electrochemical and spectroscopic study of binding processes with alkali, alkali-earth and mercury salts. <i>Tetrahedron</i> , 1998, 54, 8159-8170.	1.0	12
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182	BODIPY Core as Signaling Unit in Chemosensor Design. , 0, , .		1