

Ana MarÃ-a Costero

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2222194/publications.pdf>

Version: 2024-02-01

182
papers

5,128
citations

101543

36
h-index

114465

63
g-index

188
all docs

188
docs citations

188
times ranked

5531
citing authors

#	ARTICLE	IF	CITATIONS
1	Spermine and Spermidine Detection through Restricted Intramolecular Rotations in a Tetraphenylethylene Derivative. <i>Chemosensors</i> , 2022, 10, 8.	3.6	5
2	Mesoporous Silica Nanoparticles in Chemical Detection: From Small Species to Large Bio-Molecules. <i>Sensors</i> , 2022, 22, 261.	3.8	20
3	Microwave-Assisted Synthesis of Covalent Organic Frameworks: A Review. <i>ChemSusChem</i> , 2021, 14, 208-233.	6.8	80
4	Heteroditopic chemosensor to detect $\hat{3}$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Analyst</i> , The, 2021, 146, 5601-5609.	3.5	5
5	Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. <i>Nanomaterials</i> , 2021, 11, 818.	4.1	2
6	Bifunctionalized Gold Nanoparticles for the Colorimetric Detection of the Drug $\hat{3}$ -Hydroxybutyric Acid (GHB) in Beverages. <i>Chemosensors</i> , 2021, 9, 160.	3.6	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.	3.1	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.	3.9	7
9	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , 2020, 5, 2966-2972.	7.8	7
10	Protection against chemical submission: naked-eye detection of $\hat{3}$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Chemical Communications</i> , 2020, 56, 12600-12603.	4.1	12
11	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020, 5, 3618-3625.	1.5	2
12	Recent Progress of Microwave-Assisted Synthesis of Silica Materials. <i>Nanomaterials</i> , 2020, 10, 1092.	4.1	42
13	Chemical and electrochemical behaviour of 4,4'-bis(4-(dimethylamino)-4-oxo-1,3,5-trimethyl-1H-pyrazol-2-yl)-1,3,5-trimethyl-1H-pyrazole 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.	7.8	1
14	Halogen-containing BODIPY derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 160, 198-207.	3.7	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.	6.1	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.	4.6	18
17	Acetylcholine-responsive cargo release using acetylcholinesterase-capped nanomaterials. <i>Chemical Communications</i> , 2019, 55, 5785-5788.	4.1	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.	4.5	6

#	ARTICLE	IF	CITATIONS
19	Resorcinol Functionalized Gold Nanoparticles for Formaldehyde Colorimetric Detection. <i>Nanomaterials</i> , 2019, 9, 302.	4.1	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.	5.0	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.	5.2	12
22	Colorimetric detection of normetanephrine, a pheochromocytoma biomarker, using bifunctionalised gold nanoparticles. <i>Analytica Chimica Acta</i> , 2019, 1056, 146-152.	5.4	25
23	Towards the fluorogenic detection of peroxide explosives through host-guest chemistry. <i>Royal Society Open Science</i> , 2018, 5, 171787.	2.4	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.	7.8	46
25	A New Environmentally-Friendly Colorimetric Probe for Formaldehyde Gas Detection under Real Conditions. <i>Molecules</i> , 2018, 23, 2646.	3.8	25
26	Functional Magnetic Mesoporous Silica Microparticles Capped with an Azo-Derivative: A Promising Colon Drug Delivery Device. <i>Molecules</i> , 2018, 23, 375.	3.8	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.	9.9	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.	2.4	6
29	A New Highly Selective Chromogenic and Fluorogenic Chemosensor for Copper (II). <i>Letters in Organic Chemistry</i> , 2018, 15, 659-664.	0.5	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.	9.9	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.	3.6	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.	7.8	35
33	NO ₂ -controlled cargo delivery from gated silica mesoporous nanoparticles. <i>Chemical Communications</i> , 2017, 53, 585-588.	4.1	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.	2.4	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.	3.3	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.	3.3	11

#	ARTICLE	IF	CITATIONS
37	Biphenyl derivatives containing trimethylsilyl benzyl ether or oxime groups as probes for NO ₂ detection. RSC Advances, 2016, 6, 43719-43723.	3.6	2
38	Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. New Journal of Chemistry, 2016, 40, 9042-9045.	2.8	25
39	Selective Recognition and Sensing of Succinate vs. Other Aliphatic Dicarboxylates by Thiourea-Functionalized Gold Nanoparticles. ChemistrySelect, 2016, 1, 1057-1060.	1.5	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, .	3.3	0
41	Frontispiece: Self-Immolative Linkers as Caps for the Design of Gated Silica Mesoporous Supports. Chemistry - A European Journal, 2016, 22, .	3.3	0
42	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. Bulletin of the Chemical Society of Japan, 2016, 89, 498-500.	3.2	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.	4.6	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.	3.3	48
45	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. ACS Applied Materials & Interfaces, 2016, 8, 14318-14322.	8.0	70
46	A Boron Dipyrromethene (BODIPY)-Based Cu ^{II} -Bipyridine Complex for Highly Selective NO Detection. Chemistry - A European Journal, 2015, 21, 15486-15490.	3.3	19
47	A Simple System Based on a Thiourea-Modified Fluorescein for Amino Acid Discrimination. European Journal of Organic Chemistry, 2015, 2015, 6597-6601.	2.4	1
48	A New Simple Chromo-fluorogenic Probe for NO ₂ Detection in Air. Chemistry - A European Journal, 2015, 21, 8720-8722.	3.3	9
49	Solvatochromic and Single Crystal Studies of Two Neutral Triarylmethane Dyes with a Quinone Methide Structure. Molecules, 2015, 20, 20688-20698.	3.8	4
50	5,5'-Bis-vanillin derivatives as discriminating sensors for trivalent cations. Tetrahedron Letters, 2015, 56, 3988-3991.	1.4	7
51	Racemic Triarylmethanol Derivative Crystallizes as a Chiral Crystal Structure with Enantiomeric Disorder, in the Sohncke Space Group $P2_1$. Crystal Growth and Design, 2015, 15, 3452-3456.	3.0	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.	1.2	9
53	Selective colorimetric NO(g) detection based on the use of modified gold nanoparticles using click chemistry. Chemical Communications, 2015, 51, 3077-3079.	4.1	27
54	A Chalcone-Based Highly Selective and Sensitive Chromofluorogenic Probe for Trivalent Metal Cations. ChemPlusChem, 2015, 80, 800-804.	2.8	12

#	ARTICLE	IF	CITATIONS
55	Low-cost, portable open-source gas monitoring device based on chemosensory technology. Measurement Science and Technology, 2015, 26, 085103.	2.6	2
56	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. Microporous and Mesoporous Materials, 2015, 217, 30-38.	4.4	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. Journal of Hazardous Materials, 2015, 298, 73-82.	12.4	14
58	Synthesis and In Vitro Evaluation of a Photosensitizer-BODIPY Derivative for Potential Photodynamic Therapy Applications. Chemistry - an Asian Journal, 2015, 10, 2121-2125.	3.3	11
59	Azide and sulfonylazide functionalized fluorophores for the selective and sensitive detection of hydrogen sulfide. Sensors and Actuators B: Chemical, 2015, 207, 987-994.	7.8	21
60	A new chromo-fluorogenic probe based on BODIPY for NO ₂ detection in air. Chemical Communications, 2015, 51, 1725-1727.	4.1	21
61	Highly Selective Fluorescence Detection of Hydrogen Sulfide by Using an Anthracene-Functionalized Cyclam-Cu ^{II} Complex. European Journal of Inorganic Chemistry, 2014, 2014, 41-45.	2.0	37
62	A Chromogenic Probe for the Selective Recognition of Sarin and Soman Mimic DFP. ChemistryOpen, 2014, 3, 142-145.	1.9	28
63	Highly Selective Detection of Nerve Agent Simulants with BODIPY Dyes. Chemistry - A European Journal, 2014, 20, 6339-6347.	3.3	79
64	Off-on BODIPY-based chemosensors for selective detection of Al ³⁺ and Cr ³⁺ versus Fe ³⁺ in aqueous media. RSC Advances, 2014, 4, 8962-8965.	3.6	33
65	Triarylcarbinol functionalized gold nanoparticles for the colorimetric detection of nerve agent simulants. Tetrahedron Letters, 2014, 55, 3093-3096.	1.4	14
66	Concentration depending fluorescence of 8-(di-(2-picolyl))aminoBODIPY in solution. Tetrahedron, 2014, 70, 3735-3739.	1.9	7
67	A Chemosensor Bearing Sulfonyl Azide Moieties for Selective Chromo-fluorogenic Hydrogen Sulfide Recognition in Aqueous Media and in Living Cells. European Journal of Organic Chemistry, 2014, 2014, 1848-1854.	2.4	19
68	On the Ion-pair Recognition and Indication Features of a Fluorescent Heteroditopic Host Based on a BODIPY Core. European Journal of Organic Chemistry, 2014, 2014, 4005-4013.	2.4	14
69	Ratiometric double channel borondipyrromethene based chemodosimeter for the selective detection of nerve agent mimics. Dyes and Pigments, 2014, 108, 76-83.	3.7	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. Organic and Biomolecular Chemistry, 2014, 12, 8745-8751.	2.8	38
71	Chromo-fluorogenic BODIPY-complexes for selective detection of V-type nerve agent surrogates. Chemical Communications, 2014, 50, 13289-13291.	4.1	54
72	Towards the potential use of ¹ H NMR spectroscopy in urine samples for prostate cancer detection. Analyst, The, 2014, 139, 3875-3878.	3.5	15

#	ARTICLE	IF	CITATIONS
73	BODIPY dyes functionalized with 2-(2-dimethylaminophenyl)ethanol moieties as selective OFF-ON fluorescent chemodosimeters for the nerve agent mimics DCNP and DFP. RSC Advances, 2014, 4, 15975-15982.	3.6	34
74	Detection and discrimination of organophosphorus pesticides in water by using a colorimetric probe array. Sensors and Actuators B: Chemical, 2014, 202, 727-731.	7.8	22
75	Functionalized Gold Nanoparticles as an Approach to the Direct Colorimetric Detection of DCNP Nerve Agent Simulant. European Journal of Organic Chemistry, 2013, 2013, 4770-4779.	2.4	29
76	Boolean operations mediated by an ion-pair receptor of a multi-readout molecular logic gate. Chemical Communications, 2013, 49, 11056.	4.1	25
77	A new fluorescent turn-on chemodosimeter for the detection of hydrogen sulfide in water and living cells. RSC Advances, 2013, 3, 25690.	3.6	19
78	Binding and Fluorescent Sensing of Dicarboxylates by a Bis(calix[4]pyrrole)-Substituted BODIPY Dye. European Journal of Organic Chemistry, 2013, 2013, 1515-1520.	2.4	25
79	Fluorogenic detection of Tetryl and TNT explosives using nanoscopic-capped mesoporous hybrid materials. Journal of Materials Chemistry A, 2013, 1, 3561.	10.3	48
80	Neutral 1,3-Bis(4-diindolylureas for Nerve Agent Remediation. Chemistry - A European Journal, 2013, 19, 1586-1590.	3.3	33
81	Enzyme-Responsive Silica Mesoporous Supports Capped with Azopyridinium Salts for Controlled Delivery Applications. Chemistry - A European Journal, 2013, 19, 1346-1356.	3.3	39
82	Selective and sensitive chromogenic detection of cyanide and HCN in solution and in gas phase. Chemical Communications, 2013, 49, 5669.	4.1	60
83	Inversion of selectivity in anion recognition with conformationally blocked calix[4]pyrroles. Organic and Biomolecular Chemistry, 2012, 10, 8445.	2.8	9
84	Discrimination of nerve gases mimics and other organophosphorous derivatives in gas phase using a colorimetric probe array. Chemical Communications, 2012, 48, 10105.	4.1	51
85	Aryl carbinols as nerve agent probes. Influence of the conjugation on the sensing properties. New Journal of Chemistry, 2012, 36, 1485.	2.8	11
86	Design of Enzyme-Mediated Controlled Release Systems Based on Silica Mesoporous Supports Capped with Ester-Glycol Groups. Langmuir, 2012, 28, 14766-14776.	3.5	43
87	Targeted Cargo Delivery in Senescent Cells Using Capped Mesoporous Silica Nanoparticles. Angewandte Chemie - International Edition, 2012, 51, 10556-10560.	13.8	122
88	Nerve agent simulant detection by using chromogenic triaryl methane cation probes. Tetrahedron, 2012, 68, 8612-8616.	1.9	28
89	Multichannel Sensors Based on Biphenyl and Cyclohexane Conformational Changes. Springer Series on Chemical Sensors and Biosensors, 2012, , 1-32.	0.5	0
90	Amidase-responsive controlled release of antitumoral drug into intracellular media using gluconamide-capped mesoporous silica nanoparticles. Nanoscale, 2012, 4, 7237.	5.6	39

#	ARTICLE	IF	CITATIONS
91	Selective Detection of Nerve Agent Simulants by Using Triarylmethanolâ€Based Chromogenic Chemodosimeters. European Journal of Organic Chemistry, 2012, 2012, 4937-4946.	2.4	38
92	Optical chemosensors and reagents to detect explosives. Chemical Society Reviews, 2012, 41, 1261-1296.	38.1	1,019
93	A new selective fluorogenic probe for trivalent cations. Chemical Communications, 2012, 48, 3000.	4.1	246
94	A new phenanthrene-based bis-oxime chemosensor for Fe(III) and Cr(III) discrimination. Tetrahedron, 2012, 68, 4882-4887.	1.9	46
95	Highly selective and sensitive chromo-fluorogenic detection of the Tetryl explosive using functional silica nanoparticles. Chemical Communications, 2011, 47, 11885.	4.1	19
96	Chromogenic, Specific Detection of the Nerveâ€Agent Mimic DCNP (a Tabun Mimic). Chemistry - A European Journal, 2011, 17, 6931-6934.	3.3	89
97	A Molecular Probe for the Highly Selective Chromogenic Detection of DFP, a Mimic of Sarin and Soman Nerve Agents. Chemistry - A European Journal, 2011, 17, 11994-11997.	3.3	61
98	Selective opening of nanoscopic capped mesoporous inorganic materials with nerve agent simulants; an application to design chromo-fluorogenic probes. Chemical Communications, 2011, 47, 8313.	4.1	40
99	Chromoâ€Fluorogenic Detection of Nerveâ€Agent Mimics Using Triggered Cyclization Reactions in Pushâ€Pull Dyes. Chemistry - an Asian Journal, 2010, 5, 1573-1585.	3.3	49
100	Chromogenic Detection of Nerve Agent Mimics by Mass Transport Control at the Surface of Bifunctionalized Silica Nanoparticles. Angewandte Chemie - International Edition, 2010, 49, 5945-5948.	13.8	45
101	Biphenyl-type sensing system in proton-rich environment by fluorescence and quantum-chemical calculations. Journal of Luminescence, 2010, 130, 1085-1091.	3.1	6
102	Unexplored Nucleophilic Ring Opening of Aziridines. Molecules, 2010, 15, 9135-9144.	3.8	2
103	Multi-channel receptors based on thiopyrylium functionalised with macrocyclic receptors for the recognition of transition metal cations and anions. Dalton Transactions, 2010, 39, 3449.	3.3	28
104	Fluorescein-Based Thiourea Derivatives as Fluorogenic Sensors for Mono and Dicarboxylates. Sensor Letters, 2010, 8, 818-823.	0.4	2
105	Fluorescent Cyclohexylâ€Based Chemosensors for Selective Sensing of TMA Malonate in DMSO/Water. European Journal of Organic Chemistry, 2009, 2009, 3673-3677.	2.4	10
106	Hg ²⁺ and Cu ²⁺ selective detection using a dual channel receptor based on thiopyrylium scaffoldings. Tetrahedron Letters, 2009, 50, 3885-3888.	1.4	44
107	Enantioselective sensing of dicarboxylates. Influence of the stoichiometry of the complexes on the sensing mechanism. Tetrahedron: Asymmetry, 2009, 20, 1468-1471.	1.8	14
108	Surfactant-assisted chromogenic sensing of cyanide in water. New Journal of Chemistry, 2009, 33, 1641.	2.8	64

#	ARTICLE	IF	CITATIONS
109	Complexation of β -dicarboxylates by 3,3'-bis(5-phenyl-1,4-dioxo-2,3,5-triaza)-2,2'-bipyridine. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2008, 62, 203-207.	1.6	3
110	3,3'-Disubstituted 2,2'-bipyridines as Carboxylate Receptors: Conformational Regulation of the Bipyridine Moiety. European Journal of Organic Chemistry, 2008, 2008, 1079-1084.	2.4	8
111	Solid-liquid extraction of α -amino acids using ditopic receptors. Tetrahedron, 2008, 64, 110-116.	1.9	13
112	Chiral cyclohexane based fluorescent chemosensors for enantiomeric discrimination of aspartate. Tetrahedron, 2008, 64, 3217-3224.	1.9	25
113	Fluorescent chemosensors based on cyclohexane: selective sensing of succinate and malonate versus their longer or shorter homologues. Tetrahedron, 2008, 64, 7252-7257.	1.9	17
114	Chromogenic detection of nerve agent mimics. Chemical Communications, 2008, , 6002.	4.1	98
115	Influence of Cation Size on the Fluorescent Properties of Bis-coronand Biphenyl-derived Complexes. Supramolecular Chemistry, 2007, 19, 151-158.	1.2	1
116	Chromogenic and fluorogenic reagents for chemical warfare nerve agents' detection. Chemical Communications, 2007, , 4839.	4.1	189
117	Relationship between ligand conformations and complexation properties in ditopic biphenyl thioureas. Tetrahedron, 2007, 63, 7899-7905.	1.9	11
118	Biphenylthioureas as organocatalysts for electrochemical reductions. Tetrahedron Letters, 2007, 48, 6992-6995.	1.4	14
119	Colorimetric sensing of anions by a neutral biphenyl based amide receptor. Arkivoc, 2007, 2007, 92-101.	0.5	0
120	Experimental evidence for the homochiral aggregation of ammonium salts in solution. New Journal of Chemistry, 2006, 30, 1263-1266.	2.8	9
121	New macrocycles derived from biphenyl for pH-switched solvent extraction. Tetrahedron, 2006, 62, 2671-2676.	1.9	1
122	N-Biphenyl thioureas as carboxylate receptors. Effect of the ligand substituents on the geometry of the complexes. Tetrahedron, 2006, 62, 8571-8577.	1.9	22
123	4,4'-Substituted biphenyl coronands. Preparation of a new selective fluorescent sensor for mercury salts. Tetrahedron, 2006, 62, 11972-11978.	1.9	11
124	A selective colorimetric chemodosimeter for the naked eye detection of benzoate anion. Tetrahedron Letters, 2006, 47, 6561-6564.	1.4	12
125	Fluorescent sensing of maleate versus fumarate by a neutral cyclohexane based thiourea receptor. Chemical Communications, 2006, , 761.	4.1	44
126	Biphenyl Macrolactams as Colorimetric Sensors for Anions through Displacement Reactions. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2006, 54, 61-66.	1.6	5

#	ARTICLE	IF	CITATIONS
127	Magnetochemistry of 4,4'-bis(dimethylamino)biphenyl and 4,4'-dinitrobiphenyl azacrown macrocyclic lactams. <i>Electrochimica Acta</i> , 2005, 50, 4063-4075.	5.2	2
128	Cation and anion fluorescent and electrochemical sensors derived from 4,4'-substituted biphenyl. <i>Tetrahedron</i> , 2005, 61, 10309-10320.	1.9	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.	0.5	3
132	Bis(crown ethers) derived from biphenyl: extraction and electrochemical properties. <i>Tetrahedron</i> , 2004, 60, 4683-4691.	1.9	23
133	Conformationally regulated fluorescent sensors. Study of the selectivity in Zn 2+ versus Cd 2+ sensing. <i>Tetrahedron</i> , 2004, 60, 6327-6334.	1.9	38
134	Biphenyl macrolactams in anion complexation. Selective naked-eye fluoride recognition. <i>Tetrahedron</i> , 2004, 60, 9471-9478.	1.9	61
135	Magnetochemistry modulation of pre-organization processes in a 4,4'-dinitrobiphenyl azacrown macrocyclic lactam. <i>Electrochemistry Communications</i> , 2004, 6, 908-912.	4.7	3
136	Polyazapodands Derived from Biphenyl. Study of their Behaviour as Conformationally Regulated Fluorescent Sensors. <i>Supramolecular Chemistry</i> , 2004, 16, 435-446.	1.2	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.	1.2	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.	1.9	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.	1.9	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

#	ARTICLE	IF	CITATIONS
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.	1.9	12
146	Bis-cyclic Crown Ether Derived from Biphenyl. Different Behaviour in Complexing Hg(SCN) ₂ and Hg(CN) ₂ . <i>Supramolecular Chemistry</i> , 1998, 9, 211-219.	1.2	5
147	Reactivity of Bis(2-chloroethyl)ether with Different Amines. <i>Journal of Chemical Research Synopses</i> , 1998, , 378-378.	0.3	0
148	Bis-cyclic crown ethers derived from biphenyl. Influence of conformation in complexation of Hg(SCN) ₂ . <i>Tetrahedron</i> , 1996, 52, 669-676.	1.9	15
149	Macrolactones and crown ethers derived from biphenyl. Electronic and steric influence of substituents on its complexation ability. <i>Tetrahedron</i> , 1996, 52, 3683-3692.	1.9	12
150	Allosteric behaviour of a bis-cyclic crown ether derived from biphenyl. <i>Tetrahedron</i> , 1996, 52, 12499-12508.	1.9	19
151	Crystal Structure of 6,6'-dimethoxy-2,2'-diphenyl-19-crown-5 Hg(SCN) ₂ . <i>Crystal Research and Technology</i> , 1996, 31, 37-42.	1.3	6
152	Association constants of alkaline complexes of macrolactones and crown ethers derived from biphenyl. Influence of the position and characteristics of biphenyl substituents. <i>Tetrahedron</i> , 1994, 50, 5381-5386.	1.9	7
153	Synthesis of a New Allosteric Carrier Containing Three Conformationally Related Subunits. <i>Journal of Organic Chemistry</i> , 1994, 59, 2939-2944.	3.2	25
154	The Chemistry of Unsaturated Nitrogen-Heterocyclic Compounds Containing Carbonyl Groups. <i>Advances in Heterocyclic Chemistry</i> , 1993, 58, 171-214.	1.7	9
155	Bis-cyclohexyl-crown-ethers as allosteric carriers. <i>Tetrahedron</i> , 1992, 48, 6265-6272.	1.9	23
156	Influence of negative allosteric cooperativity in cation transport.. <i>Tetrahedron Letters</i> , 1992, 33, 623-626.	1.4	24
157	Aza and diazaannulenones. Influence of nitrogen position on their reactivity and stability. <i>Journal of Organic Chemistry</i> , 1991, 56, 5417-5421.	3.2	12
158	Enhanced transport through binding cooperativity in a circulating system. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1991, 1, 87-88.	2.2	5
159	Reactive annulenones: a comparative study. <i>Journal of Organic Chemistry</i> , 1990, 55, 2060-2063.	3.2	20
160	Reaction of 4-substituted 2-azetidinone with nucleophiles. Existence and reactivity of 1-azetin-4-one. <i>Journal of Organic Chemistry</i> , 1990, 55, 434-437.	3.2	16
161	Transfer between solid phases. Mechanistic studies. <i>Reactive & Functional Polymers</i> , 1989, 10, 189-206.	0.8	0
162	Generation of an unsaturated β -lactam intermediate from a polymeric precursor. <i>Reactive & Functional Polymers</i> , 1989, 10, 207-209.	0.8	4

#	ARTICLE	IF	CITATIONS
163	Convergent functional groups. 5. Ternary complexes in the molecular recognition of .beta.-arylethylamines. Journal of the American Chemical Society, 1988, 110, 923-927.	13.7	26
164	Reactivity of azaannulenones. Journal of Organic Chemistry, 1988, 53, 6112-6113.	3.2	9
165	Allosteric cooperativity and transport: studies in a circulating system. Journal of the American Chemical Society, 1988, 110, 7140-7143.	13.7	41
166	2-Aza-2,4-cyclopentadienone. Existence and reactivity. Journal of the American Chemical Society, 1988, 110, 4017-4018.	13.7	23
167	Convergent functional groups: catalysis of hemiacetal cleavage in a synthetic molecular cleft. Journal of the American Chemical Society, 1988, 110, 983-984.	13.7	32
168	Existence and reactivity of bicyclic annulenones. 2. Bicyclo[3.3.0]octa-1(5),3,7-triene-2,6-dione. Journal of Organic Chemistry, 1987, 52, 2997-2999.	3.2	8
169	Molecular recognition: Watson-Crick, Hoogsteen, and bifurcated hydrogen bonding in a model for adenine recognition. Journal of the American Chemical Society, 1987, 109, 6866-6867.	13.7	29
170	Antiaromatic annulenones. Reactive Polymers, Ion Exchangers, Sorbents, 1987, 6, 203-206.	0.0	0
171	Polymer-bound precursors of diimine: Pericyclic reactions. Reactive Polymers, Ion Exchangers, Sorbents, 1987, 6, 291-298.	0.0	0
172	Arynic species; effect of substituents on the reactivity of monosubstituted dehydrobenzenes. Tetrahedron, 1986, 42, 155-166.	1.9	23
173	Arynic species II. Tetrahedron, 1986, 42, 5641-5648.	1.9	11
174	Evidence for the formation of 1,3- and 1,4-dehydrobenzenes in the thermal decomposition of diaryliodonium-carboxylates. Tetrahedron Letters, 1986, 27, 4779-4782.	1.4	6
175	1,1-Di-iodoalkenes from aldehydes and triphenylphosphineâ€“carbon tetraiodide. Journal of the Chemical Society Chemical Communications, 1985, .	2.0	15
176	Generation of monosubstituted o-benzynes from polymeric reagents via heterolytic fragmentations. Tetrahedron Letters, 1984, 25, 779-782.	1.4	4
177	Existence and reactivity of bicyclic annulenones. 4-Phenylbicyclo[3.3.0]octa-1(5),3,6-triene-2,8-dione. Journal of Organic Chemistry, 1984, 49, 4616-4618.	3.2	9
178	Reactivity of free cyclopentadienone in cycloaddition reactions. Journal of the American Chemical Society, 1984, 106, 2077-2080.	13.7	23
179	Thermogravimetric studies of polymeric reagents: a polymeric o-benzyne precursor. Tetrahedron Letters, 1982, 23, 2403-2406.	1.4	7
180	Pericyclic reactions of free cyclopentadienone. Journal of the American Chemical Society, 1981, 103, 1797-1798.	13.7	34

#	ARTICLE	IF	CITATIONS
181	Red or Blue? Gold Nanoparticles in Colorimetric Sensing. , 0, , .		5
182	BODIPY Core as Signaling Unit in Chemosensor Design. , 0, , .		1