

# Salvador Gil

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3744858/publications.pdf>

Version: 2024-02-01

170  
papers

4,853  
citations

117625

34  
h-index

118850

62  
g-index

184  
all docs

184  
docs citations

184  
times ranked

5391  
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical chemosensors and reagents to detect explosives. <i>Chemical Society Reviews</i> , 2012, 41, 1261-1296.	38.1	1,019
2	A new selective fluorogenic probe for trivalent cations. <i>Chemical Communications</i> , 2012, 48, 3000.	4.1	246
3	New Synthetic Methods to 2-Pyridone Rings. <i>Current Organic Chemistry</i> , 2005, 9, 1757-1779.	1.6	190
4	Chromogenic and fluorogenic reagents for chemical warfare nerve agents' detection. <i>Chemical Communications</i> , 2007, , 4839.	4.1	189
5	Chromogenic detection of nerve agent mimics. <i>Chemical Communications</i> , 2008, , 6002.	4.1	98
6	Chromogenic, Specific Detection of the Nerve Agent Mimic DCNP (a Tabun Mimic). <i>Chemistry - A European Journal</i> , 2011, 17, 6931-6934.	3.3	89
7	Highly Selective Detection of Nerve Agent Simulants with BODIPY Dyes. <i>Chemistry - A European Journal</i> , 2014, 20, 6339-6347.	3.3	79
8	Chromogenic Detection of Aqueous Formaldehyde Using Functionalized Silica Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 14318-14322.	8.0	70
9	Surfactant-assisted chromogenic sensing of cyanide in water. <i>New Journal of Chemistry</i> , 2009, 33, 1641.	2.8	64
10	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.	3.3	61
11	Selective and sensitive chromogenic detection of cyanide and HCN in solution and in gas phase. <i>Chemical Communications</i> , 2013, 49, 5669.	4.1	60
12	Recent Developments in $\gamma$ -Lactone Synthesis. <i>Mini-Reviews in Organic Chemistry</i> , 2009, 6, 345-358.	1.3	58
13	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
14	Chromo-fluorogenic BODIPY-complexes for selective detection of V-type nerve agent surrogates. <i>Chemical Communications</i> , 2014, 50, 13289-13291.	4.1	54
15	Discrimination of nerve gases mimics and other organophosphorous derivatives in gas phase using a colorimetric probe array. <i>Chemical Communications</i> , 2012, 48, 10105.	4.1	51
16	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.	3.3	49
17	Accurate determinations of the extent to which the SE2 reactions of allyl-, allenyl- and propargylsilanes are stereospecifically anti. <i>Organic and Biomolecular Chemistry</i> , 2004, 2, 749.	2.8	48
18	Fluorogenic detection of Tetryl and TNT explosives using nanoscopic-capped mesoporous hybrid materials. <i>Journal of Materials Chemistry A</i> , 2013, 1, 3561.	10.3	48

#	ARTICLE	IF	CITATIONS
19	A new phenanthrene-based bis-oxime chemosensor for Fe(III) and Cr(III) discrimination. <i>Tetrahedron</i> , 2012, 68, 4882-4887.	1.9	46
20	Halogen-containing BODIPY derivatives for photodynamic therapy. <i>Dyes and Pigments</i> , 2019, 160, 198-207.	3.7	46
21	Stereodifferentiation in the Photochemical Cycloreversion of Diastereomeric Methoxynaphthalene-Oxetane Dyads. <i>Journal of Organic Chemistry</i> , 2005, 70, 1376-1381.	3.2	45
22	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.	13.8	45
23	Fluorescent sensing of maleate versus fumarate by a neutral cyclohexane based thiourea receptor. <i>Chemical Communications</i> , 2006, , 761.	4.1	44
24	Hg <sup>2+</sup> and Cu <sup>2+</sup> selective detection using a dual channel receptor based on thiopyrylium scaffoldings. <i>Tetrahedron Letters</i> , 2009, 50, 3885-3888.	1.4	44
25	Design of Enzyme-Mediated Controlled Release Systems Based on Silica Mesoporous Supports Capped with Ester-Glycol Groups. <i>Langmuir</i> , 2012, 28, 14766-14776.	3.5	43
26	Photosensitization of Thymine Nucleobase by Benzophenone Derivatives as Models for Photoinduced DNA Damage: A Paterno-Büchi vs Energy and Electron Transfer Processes. <i>Chemical Research in Toxicology</i> , 2004, 17, 857-862.	3.3	40
27	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.	4.1	40
28	Amidase-responsive controlled release of antitumoral drug into intracellular media using gluconamide-capped mesoporous silica nanoparticles. <i>Nanoscale</i> , 2012, 4, 7237.	5.6	39
29	Enzyme-Responsive Silica Mesoporous Supports Capped with Azopyridinium Salts for Controlled Delivery Applications. <i>Chemistry - A European Journal</i> , 2013, 19, 1346-1356.	3.3	39
30	Accurate determination of the extent to which an SE <sub>2</sub> reaction of an allylsilane is anti. <i>Tetrahedron Letters</i> , 1992, 33, 4479-4482.	1.4	38
31	Conformationally regulated fluorescent sensors. Study of the selectivity in Zn <sup>2+</sup> versus Cd <sup>2+</sup> sensing. <i>Tetrahedron</i> , 2004, 60, 6327-6334.	1.9	38
32	Selective Detection of Nerve Agent Simulants by Using Triarylmethanol-Based Chromogenic Chemodosimeters. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 4937-4946.	2.4	38
33	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.	2.8	38
34	Highly Selective Fluorescence Detection of Hydrogen Sulfide by Using an Anthracene-Functionalized Cyclam-Cu <sup>II</sup> Complex. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 41-45.	2.0	37
35	Alkylation of lithium dienediolates of butenoic acids. Regioselectivity effects of structure and leaving group of the alkylating agent. <i>Tetrahedron</i> , 1998, 54, 4357-4366.	1.9	36
36	Triplet Reactivity and Regio-/Stereoselectivity in the Macrocyclization of Diastereomeric Ketoprofen-Quencher Conjugates via Remote Hydrogen Abstractions. <i>Journal of the American Chemical Society</i> , 2007, 129, 7407-7420.	13.7	36

#	ARTICLE	IF	CITATIONS
37	A New Synthetic Method to 2-Pyridones. <i>Synthesis</i> , 2000, 2000, 273-280.	2.3	33
38	Neutral 1,3-Indolylureas for Nerve Agent Remediation. <i>Chemistry - A European Journal</i> , 2013, 19, 1586-1590.	3.3	33
39	Off-on BODIPY-based chemosensors for selective detection of Al <sup>3+</sup> and Cr <sup>3+</sup> versus Fe <sup>3+</sup> in aqueous media. <i>RSC Advances</i> , 2014, 4, 8962-8965.	3.6	33
40	Intramolecular Interactions in the Triplet Excited States of Benzophenone-Thymine Dyads. <i>Chemistry - A European Journal</i> , 2006, 12, 553-561.	3.3	32
41	Integrative Metabolomic and Transcriptomic Analysis for the Study of Bladder Cancer. <i>Cancers</i> , 2019, 11, 686.	3.7	31
42	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.	2.4	29
43	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.	3.3	28
44	Nerve agent simulant detection by using chromogenic triaryl methane cation probes. <i>Tetrahedron</i> , 2012, 68, 8612-8616.	1.9	28
45	A Chromogenic Probe for the Selective Recognition of Sarin and Soman Mimic DFP. <i>ChemistryOpen</i> , 2014, 3, 142-145.	1.9	28
46	A regiocontrolled and stereocontrolled synthesis of allylsilanes from $\hat{I}^2$ -silyl enolates. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1992, , 3351-3361.	0.9	26
47	Ratiometric double channel borondipyromethene based chemodosimeter for the selective detection of nerve agent mimics. <i>Dyes and Pigments</i> , 2014, 108, 76-83.	3.7	26
48	Chiral cyclohexane based fluorescent chemosensors for enantiomeric discrimination of aspartate. <i>Tetrahedron</i> , 2008, 64, 3217-3224.	1.9	25
49	Dyes That Bear Thiazolylazo Groups as Chromogenic Chemosensors for Metal Cations. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 76-84.	2.0	25
50	Boolean operations mediated by an ion-pair receptor of a multi-readout molecular logic gate. <i>Chemical Communications</i> , 2013, 49, 11056.	4.1	25
51	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.	2.4	25
52	Selective chromo-fluorogenic detection of trivalent cations in aqueous environments using a dehydration reaction. <i>New Journal of Chemistry</i> , 2016, 40, 9042-9045.	2.8	25
53	A New Environmentally-Friendly Colorimetric Probe for Formaldehyde Gas Detection under Real Conditions. <i>Molecules</i> , 2018, 23, 2646.	3.8	25
54	Poly(amine) biphenyl derivatives as fluorescent sensors for anions and cations. <i>Journal of Materials Chemistry</i> , 2005, 15, 2848.	6.7	24

#	ARTICLE	IF	CITATIONS
55	Bis(crown ethers) derived from biphenyl: extraction and electrochemical properties. <i>Tetrahedron</i> , 2004, 60, 4683-4691.	1.9	23
56	N-Biphenyl thioureas as carboxylate receptors. Effect of the ligand substituents on the geometry of the complexes. <i>Tetrahedron</i> , 2006, 62, 8571-8577.	1.9	22
57	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.	7.8	21
58	A new chromo-fluorogenic probe based on BODIPY for NO <sub>2</sub> detection in air. <i>Chemical Communications</i> , 2015, 51, 1725-1727.	4.1	21
59	Polymer-supported molybdenyl thioglycolate as oxygen atom transfer reagent. <i>Journal of Molecular Catalysis A</i> , 2000, 160, 403-408.	4.8	20
60	Enantioselective $\alpha$ -alkylation of unsaturated carboxylic acids using a chiral lithium amide. <i>Tetrahedron: Asymmetry</i> , 2001, 12, 915-921.	1.8	20
61	Experimental and theoretical investigations for the tandem alkylation-isomerization reactions between unsaturated carboxylic acids and allyl halides. <i>Tetrahedron</i> , 2003, 59, 6233-6239.	1.9	20
62	Acetylcholinesterase-Capped Mesoporous Silica Nanoparticles That Open in the Presence of Diisopropylfluorophosphate (a Sarin or Soman Simulant). <i>Organic Letters</i> , 2016, 18, 5548-5551.	4.6	20
63	Dienediolates of Carboxylic Acids in Synthesis. <i>Recent Advances.. Current Organic Chemistry</i> , 2002, 6, 283-302.	1.6	20
64	Mesoporous Silica Nanoparticles in Chemical Detection: From Small Species to Large Bio-Molecules. <i>Sensors</i> , 2022, 22, 261.	3.8	20
65	Alkene epoxidations catalysed by Mo(VI) supported on Merrifield's polymer. <i>Reactive and Functional Polymers</i> , 1999, 42, 65-72.	4.1	19
66	Highly selective and sensitive chromo-fluorogenic detection of the Tetryl explosive using functional silica nanoparticles. <i>Chemical Communications</i> , 2011, 47, 11885.	4.1	19
67	A new fluorescent "turn-on" chemodosimeter for the detection of hydrogen sulfide in water and living cells. <i>RSC Advances</i> , 2013, 3, 25690.	3.6	19
68	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.	2.4	19
69	Urinary Metabolic Signatures Detect Recurrences in Non-Muscle Invasive Bladder Cancer. <i>Cancers</i> , 2019, 11, 914.	3.7	19
70	Lithium enediolates and dienediolates of carboxylic acids in synthesis: Alkylation with secondary halides. <i>Tetrahedron</i> , 1998, 54, 15305-15320.	1.9	18
71	New conditions for the generation of dianions of carboxylic acids. <i>Tetrahedron Letters</i> , 1998, 39, 5443-5446.	1.4	18
72	Regioselective Alkylation of Lithium Dienediolates of $\alpha,\beta$ -Unsaturated Carboxylic Acids. <i>Synthesis</i> , 2000, 2000, 1160-1165.	2.3	18

#	ARTICLE	IF	CITATIONS
73	Reactivity difference between diphosgene and phosgene in reaction with (2,3-anti)-3-amino-1,2-diols. <i>Tetrahedron</i> , 2006, 62, 6392-6397.	1.9	18
74	Resorcinol Functionalized Gold Nanoparticles for Formaldehyde Colorimetric Detection. <i>Nanomaterials</i> , 2019, 9, 302.	4.1	18
75	Fluorescent chemosensors based on cyclohexane: selective sensing of succinate and malonate versus their longer or shorter homologues. <i>Tetrahedron</i> , 2008, 64, 7252-7257.	1.9	17
76	Theoretical model of solvated lithium dienediolate of 2-butenic acid. <i>Tetrahedron</i> , 1995, 51, 7207-7214.	1.9	16
77	Crown ethers derived from cyclohexane. Influence of their stereochemistry in complexation and transport. <i>Tetrahedron</i> , 2002, 58, 6729-6734.	1.9	16
78	NO <sub>2</sub> -controlled cargo delivery from gated silica mesoporous nanoparticles. <i>Chemical Communications</i> , 2017, 53, 585-588.	4.1	16
79	<sup>13</sup> C NMR studies of dianions of unsaturated carboxylic acids. <i>Tetrahedron</i> , 1994, 50, 5109-5118.	1.9	15
80	Towards the potential use of <sup>1</sup> H NMR spectroscopy in urine samples for prostate cancer detection. <i>Analyst</i> , 2014, 139, 3875-3878.	3.5	15
81	Theoretical model of solvated lithium dienediolates of methyl substituted 2-butenic acids. <i>Tetrahedron</i> , 1996, 52, 11105-11112.	1.9	14
82	Entropy-Controlled Diastereoselectivity in the Photocyclization of Rigid Derivatives of Allylaniline. <i>Journal of Organic Chemistry</i> , 2002, 67, 7915-7918.	3.2	14
83	Syntheses of dopaminergic 1-cyclohexylmethyl-7,8-dioxygenated tetrahydroisoquinolines by selective heterogeneous tandem hydrogenation. <i>Tetrahedron</i> , 2002, 58, 10173-10179.	1.9	14
84	A Convenient Generation of Acetic Acid Dianion. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 1386-1388.	2.4	14
85	Biphenylthioureas as organocatalysts for electrochemical reductions. <i>Tetrahedron Letters</i> , 2007, 48, 6992-6995.	1.4	14
86	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
87	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.	2.4	14
88	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.	12.4	14
89	Sex Pheromone of <i>Chilo suppressalis</i> : Efficient Syntheses of (Z)-11-Hexadecenal, (Z)-13-Octadecenal And (Z)-9-Hexadecenal. <i>Synthetic Communications</i> , 1996, 26, 2329-2340.	2.1	13
90	Solid-liquid extraction of $\alpha$ -amino acids using ditopic receptors. <i>Tetrahedron</i> , 2008, 64, 110-116.	1.9	13

#	ARTICLE	IF	CITATIONS
91	Synthesis of 1,2,3,8-Tetraoxygenated Xanthenes. <i>Journal of Natural Products</i> , 1990, 53, 1198-1211.	3.0	12
92	Dienediolates of $\alpha,\beta$ -Unsaturated Carboxylic Acids in Synthesis: A New Synthetic Method to 2-Pyridones. <i>Synlett</i> , 1999, 1999, 1088-1090.	1.8	12
93	A selective colorimetric chemodosimeter for the naked eye detection of benzoate anion. <i>Tetrahedron Letters</i> , 2006, 47, 6561-6564.	1.4	12
94	A Chalcone-Based Highly Selective and Sensitive Chromofluorogenic Probe for Trivalent Metal Cations. <i>ChemPlusChem</i> , 2015, 80, 800-804.	2.8	12
95	Silver ion oxidative coupling of diene and triene-diolates of unsaturated carboxylic acids. A facile synthesis of octa- and dodeca-dienedioic acids. <i>Tetrahedron Letters</i> , 1988, 29, 6181-6182.	1.4	11
96	Regiocontrol in Alkylation of Lithium Dienediolates of Unsaturated Carboxylic Acids. <i>Synlett</i> , 2001, 2001, 0156-0159.	1.8	11
97	Efficient Addition of Acid Enediolates to Epoxides. <i>European Journal of Organic Chemistry</i> , 2004, 2004, 2160-2165.	2.4	11
98	Relationship between ligand conformations and complexation properties in ditopic biphenyl thioureas. <i>Tetrahedron</i> , 2007, 63, 7899-7905.	1.9	11
99	Aryl carbinols as nerve agent probes. Influence of the conjugation on the sensing properties. <i>New Journal of Chemistry</i> , 2012, 36, 1485.	2.8	11
100	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.	3.3	11
101	3-Formyl-BODIPY Phenylhydrazone as a Chromofluorogenic Probe for Selective Detection of NO <sub>2</sub> (g). <i>Chemistry - A European Journal</i> , 2016, 22, 8448-8451.	3.3	11
102	Sensing and discrimination of cyanide and hydrogen sulfide using an 8-alkenyl-4,4-difluoro-4-bora-3a,4a-diaza-s-indacene derivative. <i>RSC Advances</i> , 2016, 6, 179-182.	3.6	11
103	Trienediolates of hexadienoic acids in synthesis. synthesis of retinoic and nor-retinoic acids.. <i>Tetrahedron</i> , 1993, 49, 6089-6100.	1.9	10
104	Fluorescent Cyclohexyl-Based Chemosensors for Selective Sensing of TMA Malonate in DMSO/Water. <i>European Journal of Organic Chemistry</i> , 2009, 2009, 3673-3677.	2.4	10
105	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
106	Polyazapodands Derived from Biphenyl. Study of their Behaviour as Conformationally Regulated Fluorescent Sensors. <i>Supramolecular Chemistry</i> , 2004, 16, 435-446.	1.2	9
107	A new strategy for the synthesis of highly functionalised fluorinated compounds by reaction of lithium dianions of carboxylic acids with perfluoroketene dithioacetals. <i>Tetrahedron</i> , 2005, 61, 4395-4402.	1.9	9
108	Experimental evidence for the homochiral aggregation of ammonium salts in solution. <i>New Journal of Chemistry</i> , 2006, 30, 1263-1266.	2.8	9

#	ARTICLE	IF	CITATIONS
109	Inversion of selectivity in anion recognition with conformationally blocked calix[4]pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8445.	2.8	9
110	2,4-dinitrophenyl ether-containing chemodosimeters for the selective and sensitive <i>in vitro</i> and <i>in vivo</i> detection of hydrogen sulfide. <i>Supramolecular Chemistry</i> , 2015, 27, 244-254.	1.2	9
111	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
112	Polyenolates of unsaturated carboxylic acids in synthesis. A straightforward synthesis of retinoic acids. <i>Tetrahedron Letters</i> , 1990, 31, 5791-5794.	1.4	8
113	Polyenolates of Unsaturated Carboxylic Acids in Synthesis. Synthesis of Unsaturated $\beta$ -Amino Acids and $\beta$ -Hydrazing Acids. <i>Synthetic Communications</i> , 1991, 21, 1833-1839.	2.1	8
114	Dienediolates of Unsaturated Carboxylic Acids in Synthesis. Tandem Michael Dieckmann Synthesis of Substituted 2-Cyclohexenones. <i>Synthetic Communications</i> , 1991, 21, 1825-1831.	2.1	8
115	Synthesis of a New pH-Dependent Ligand: Conformational and Complexation Studies. <i>Supramolecular Chemistry</i> , 2003, 15, 403-408.	1.2	8
116	A simple synthesis of $\beta$ -aminoacids. <i>Tetrahedron Letters</i> , 2007, 48, 3451-3453.	1.4	8
117	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.	2.4	8
118	Selective and Sensitive Chromogenic Detection of Trivalent Metal Cations in Water. <i>Bulletin of the Chemical Society of Japan</i> , 2016, 89, 498-500.	3.2	8
119	Enediolates and dienediolates of carboxylic acids in synthesis. Synthesis of $\beta$ , $\beta'$ -epoxyacids from $\beta$ -chloroketones. <i>Tetrahedron Letters</i> , 1998, 39, 1055-1058.	1.4	7
120	Concentration depending fluorescence of 8-(di-(2-picoly))aminoBODIPY in solution. <i>Tetrahedron</i> , 2014, 70, 3735-3739.	1.9	7
121	An Au(III)-amino alcohol complex for degradation of organophosphorus pesticides. <i>RSC Advances</i> , 2015, 5, 106941-106944.	3.6	7
122	5,5'-Bis-vanillin derivatives as discriminating sensors for trivalent cations. <i>Tetrahedron Letters</i> , 2015, 56, 3988-3991.	1.4	7
123	Hydrolysis of DCNP (a Tabun mimic) catalysed by mesoporous silica nanoparticles. <i>Microporous and Mesoporous Materials</i> , 2015, 217, 30-38.	4.4	7
124	Towards the fluorogenic detection of peroxide explosives through host-guest chemistry. <i>Royal Society Open Science</i> , 2018, 5, 171787.	2.4	7
125	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
126	A Sensitive Nanosensor for the In Situ Detection of the Cannibal Drug. <i>ACS Sensors</i> , 2020, 5, 2966-2972.	7.8	7



#	ARTICLE	IF	CITATIONS
127	Components of the Sex Pheromone of <i>Chilo Supressalis</i> : Efficient Syntheses of (Z)-11-Hexadecenal and (Z)-13-Octadecenal. <i>Synthetic Communications</i> , 1995, 25, 351-361.	2.1	6
128	Singlet Excited-State Interactions in Naphthalene-Thymine Dyads. <i>ChemPhysChem</i> , 2004, 5, 1704-1709.	2.1	6
129	Novel examples of the N-methyl effect on cyclisations of N-Boc derivatives of amino alcohols. A theoretical study. <i>Tetrahedron</i> , 2004, 60, 12067-12073.	1.9	5
130	Red or Blue? Gold Nanoparticles in Colorimetric Sensing. , 0, , .		5
131	Heteroditopic chemosensor to detect $\hat{\text{I}}^3$ -hydroxybutyric acid (GHB) in soft drinks and alcoholic beverages. <i>Analyst, The</i> , 2021, 146, 5601-5609.	3.5	5
132	Spermine and Spermidine Detection through Restricted Intramolecular Rotations in a Tetraphenylethylene Derivative. <i>Chemosensors</i> , 2022, 10, 8.	3.6	5
133	The Synthesis of 2-Hydroxy-5,6,7-Trimethoxyxanthone: A Confirmation of Structure. <i>Journal of Natural Products</i> , 1987, 50, 301-304.	3.0	4
134	Synthesis of 1,3-Dihydroxy-5,6-Dimethoxyxanthone, a Confirmation of Structure. <i>Journal of Natural Products</i> , 1988, 51, 339-342.	3.0	4
135	Synthesis of 1,3,4,8-Tetraoxygenated Xanthenes. <i>Journal of Natural Products</i> , 1991, 54, 127-135.	3.0	4
136	Iodine oxidative coupling of diene and triene-diolates of unsaturated carboxylic acids.. <i>Tetrahedron</i> , 1991, 47, 1997-2004.	1.9	4
137	An Efficient Synthesis of $\hat{\text{I}}^3$ -Aminoacids and Attempts to Drive Its Enantioselectivity. <i>Molecules</i> , 2008, 13, 716-728.	3.8	4
138	Unusual Regioselectivity in the Opening of Epoxides by Carboxylic Acid Enediolates. <i>Molecules</i> , 2008, 13, 1303-1311.	3.8	4
139	Solvatochromic and Single Crystal Studies of Two Neutral Triarylmethane Dyes with a Quinone Methide Structure. <i>Molecules</i> , 2015, 20, 20688-20698.	3.8	4
140	pH-Dependent ligands as carriers in transport experiments. <i>Comptes Rendus Chimie</i> , 2004, 7, 15-23.	0.5	3
141	Reaction of lithium enediolates with perfluoroketene dithioacetals. Synthesis of $\hat{\text{I}}^{\pm}$ -trifluoromethyl $\hat{\text{I}}^3$ -dicarboxylic acid derivatives. <i>Tetrahedron Letters</i> , 2004, 45, 8315-8317.	1.4	3
142	Reactivity of the Bioactive Aminodiol Subunit: Experimental and Theoretical DFT Study of the Reaction of Silyl Protected Anti-N-Boc-3-Amino-3-Phenyl-1,2-Propanediols with NaH. <i>Letters in Organic Chemistry</i> , 2006, 3, 477-483.	0.5	3
143	Complexation of $\hat{\text{I}}^{\pm}$ , $\hat{\text{I}}^{\circ}$ -dicarboxylates by 3,3- $\hat{\text{I}}^2$ -bis(5-phenyl-1,4-dioxo-2,3,5-triaza)-2,2- $\hat{\text{I}}^2$ -bipyridine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 62, 203-207.	1.6	3
144	Bifunctionalized Gold Nanoparticles for the Colorimetric Detection of the Drug $\hat{\text{I}}^3$ -Hydroxybutyric Acid (GHB) in Beverages. <i>Chemosensors</i> , 2021, 9, 160.	3.6	3

#	ARTICLE	IF	CITATIONS
145	Addition of dianions of carboxylic acids to imines. Influence of the acid in the outcome of the reaction. <i>Arkivoc</i> , 2009, 2009, 172-184.	0.5	3
146	Synthesis of Dienedioic and Tetraenedioic Acids by Oxidative Coupling of Unsaturated Carboxylic Acid Dienediolates by 1,2-Diiodoethane. <i>Synthetic Communications</i> , 1993, 23, 2827-2831.	2.1	2
147	Photocyclization of a Bichromophoric Phenol/Olefin System Substituted at the Methylene Spacer $\hat{\wedge}$ ' Zwitterions versus H-Bridged Intermediates in the Excited State Proton Transfer. <i>European Journal of Organic Chemistry</i> , 2002, 2002, 297-300.	2.4	2
148	Unexplored Nucleophilic Ring Opening of Aziridines. <i>Molecules</i> , 2010, 15, 9135-9144.	3.8	2
149	Biphenyl derivatives containing trimethylsilyl benzyl ether or oxime groups as probes for NO <sub>2</sub> detection. <i>RSC Advances</i> , 2016, 6, 43719-43723.	3.6	2
150	Peptide-Capped Mesoporous Nanoparticles: Toward a more Efficient Internalization of Alendronate. <i>ChemistrySelect</i> , 2020, 5, 3618-3625.	1.5	2
151	Chromogenic Chemodosimeter Based on Capped Silica Particles to Detect Spermine and Spermidine. <i>Nanomaterials</i> , 2021, 11, 818.	4.1	2
152	Fluorescein-Based Thiourea Derivatives as Fluorogenic Sensors for Mono and Dicarboxylates. <i>Sensor Letters</i> , 2010, 8, 818-823.	0.4	2
153	A New Highly Selective Chromogenic and Fluorogenic Chemosensor for Copper (II). <i>Letters in Organic Chemistry</i> , 2018, 15, 659-664.	0.5	2
154	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
155	The Synthesis of 1,8-Dihydroxy-2,3,4,6-tetramethoxyxanthone and 1,6-Dihydroxy-3,5,7,8-tetramethoxy-xanthone, a Confirmation of Structure. <i>Journal of Natural Products</i> , 1989, 52, 852-857.	3.0	1
156	Enediolates of Carboxylic Acids in Synthesis: Synthesis of $\hat{1}^3$ -Chloro- $\hat{1}^2$ -hydroxy Acids. <i>Synthesis</i> , 2002, 2002, 0265.	2.3	1
157	Reactivity Control of Dianions of Carboxylic Acids: Synthetic Applications. <i>ChemInform</i> , 2005, 36, no.	0.0	1
158	New Synthesis of ( $\hat{A}\pm$ )-Sitophilate Using Carboxylic Acid Dianion Methodology - A Stereoselectivity Study. <i>Synthesis</i> , 2005, 2005, 3451-3455.	2.3	1
159	Influence of Cation Size on the Fluorescent Properties of Bis-coronand Biphenyl-derived Complexes. <i>Supramolecular Chemistry</i> , 2007, 19, 151-158.	1.2	1
160	BODIPY Core as Signaling Unit in Chemosensor Design. , 0, , .		1
161	Chemical and electrochemical behaviour of 4,4- $\hat{a}^{\text{TM}}$ , 4- $\hat{a}^{\text{TM}}$ - $\hat{a}^{\text{TM}}$ , 4- $\hat{a}^{\text{TM}}$ - $\hat{a}^{\text{TM}}$ - $\hat{a}^{\text{TM}}$ -tetrakis(dimethylamino)-tetraphenylethylene in an oxidant environment: Toward a new sensor for NO <sub>2</sub> and SO <sub>2</sub> in gas phase. <i>Sensors and Actuators B: Chemical</i> , 2020, 311, 127929.	7.8	1
162	New approach to condensed pyrid-2-ones. <i>Arkivoc</i> , 2003, 2002, 80-89.	0.5	1

#	ARTICLE	IF	CITATIONS
163	A Convenient Generation of Acetic Acid Dianion.. ChemInform, 2003, 34, no.	0.0	0
164	Carbanion Chemistry from Carboxylic Acids: a Special Issue in Honor of Professor Ramón Mestres on his 65th Birthday.. Molecules, 2004, 9, 264-265.	3.8	0
165	Fluorinated Ketene Dithioacetals. Part 11. Reaction of Lithium Enediolates with Perfluoroketene Dithioacetals. Synthesis of $\alpha$ -Trifluoromethyl $\alpha$ -Dicarboxylic Acid Derivatives.. ChemInform, 2005, 36, no.	0.0	0
166	A New Strategy for the Synthesis of Highly Functionalized Fluorinated Compounds by Reaction of Lithium Dianions of Carboxylic Acids with Perfluoroketene Dithioacetals.. ChemInform, 2005, 36, no.	0.0	0
167	New Synthetic Methods for 2-Pyridone Rings. ChemInform, 2006, 37, no.	0.0	0
168	A New Approach to the Synthesis of $\beta$ -Amino Acids. Synthesis, 2006, 2006, 3092-3098.	2.3	0
169	Structurally Selective Electrophilic Cyclization of $\alpha$ -Hydroxygeraniol Derivatives by Mercury(II) Trifluoroacetate. Synthesis, 2008, 2008, 622-626.	2.3	0
170	Multichannel Sensors Based on Biphenyl and Cyclohexane Conformational Changes. Springer Series on Chemical Sensors and Biosensors, 2012, , 1-32.	0.5	0