

# Maria Manuela Marques Raposo

## List of Publications by Year in descending order

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183  
papers

4,724  
citations

76326

40  
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57  
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192  
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192  
docs citations

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times ranked

4524  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Ion Sensing Properties of New Colorimetric and Fluorimetric Chemosensors Based on Bithienyl-Imidazo-Anthraquinone Chromophores. <i>Organic Letters</i> , 2007, 9, 3201-3204.	4.6	141
2	Synthesis and characterization of novel diazenes bearing pyrrole, thiophene and thiazole heterocycles as efficient photochromic and nonlinear optical (NLO) materials. <i>Dyes and Pigments</i> , 2011, 91, 62-73.	3.7	127
3	Thienylpyrrole azo dyes: synthesis, solvatochromic and electrochemical properties. <i>Tetrahedron</i> , 2005, 61, 8249-8256.	1.9	104
4	Synthesis and Characterization of Dicyanovinyl-Substituted Thienylpyrroles as New Nonlinear Optical Chromophores. <i>Organic Letters</i> , 2006, 8, 3681-3684.	4.6	99
5	Synthesis of donor-acceptor substituted oligothiophenes by Stille coupling. <i>Tetrahedron</i> , 2004, 60, 4071-4078.	1.9	98
6	Synthesis and characterization of new thienylpyrrolyl-benzothiazoles as efficient and thermally stable nonlinear optical chromophores. <i>Tetrahedron</i> , 2007, 63, 4258-4265.	1.9	86
7	Push-pull bithiophene azo-chromophores bearing thiazole and benzothiazole acceptor moieties: Synthesis and evaluation of their redox and nonlinear optical properties. <i>Dyes and Pigments</i> , 2011, 91, 454-465.	3.7	85
8	Synthesis of new fluorescent 2-(2,2'-bithienyl)-1,3-benzothiazoles. <i>Tetrahedron Letters</i> , 2004, 45, 2825-2828.	1.4	84
9	Synthesis and second-order nonlinear optical properties of new chromophores containing benzimidazole, thiophene, and pyrrole heterocycles. <i>Tetrahedron</i> , 2007, 63, 9842-9849.	1.9	84
10	Synthesis and characterization of novel (oligo)thienyl-imidazo-phenanthrolines as versatile $\pi$ -conjugated systems for several optical applications. <i>Tetrahedron</i> , 2008, 64, 9230-9238.	1.9	83
11	Structure-Property Relationships in Push-Pull Amino/Cyanovinyl End-Capped Oligothiophenes: A Quantum Chemical and Experimental Studies. <i>Journal of Organic Chemistry</i> , 2006, 71, 7509-7520.	3.2	81
12	2-Arylthienyl-Substituted 1,3-Benzothiazoles as New Nonlinear Optical Chromophores. <i>European Journal of Organic Chemistry</i> , 2006, 2006, 3938-3946.	2.4	75
13	Design, synthesis, and characterization of the electrochemical, nonlinear optical properties, and theoretical studies of novel thienylpyrrole azo dyes bearing benzothiazole acceptor groups. <i>Tetrahedron</i> , 2011, 67, 5189-5198.	1.9	75
14	Synthesis and Study of the Use of Heterocyclic Thiosemicarbazones As Signaling Scaffolding for the Recognition of Anions. <i>Journal of Organic Chemistry</i> , 2010, 75, 2922-2933.	3.2	67
15	Psoralen analogues: synthesis, inhibitory activity of growth of human tumor cell lines and computational studies. <i>European Journal of Medicinal Chemistry</i> , 2006, 41, 367-372.	5.5	63
16	Enhanced Functionality for Donor-Acceptor Oligothiophenes by means of Inclusion of BODIPY: Synthesis, Electrochemistry, Photophysics, and Model Chemistry. <i>Chemistry - A European Journal</i> , 2011, 17, 498-507.	3.3	63
17	Glucose-Appended Platinum(II)-BODIPY Conjugates for Targeted Photodynamic Therapy in Red Light. <i>Inorganic Chemistry</i> , 2018, 57, 1717-1726.	4.0	63
18	Ternary iron(ii) complex with an emissive imidazopyridine arm from Schiff base cyclizations and its oxidative DNA cleavage activity. <i>Dalton Transactions</i> , 2005, , 349.	3.3	61

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19	Photochromic properties of thienylpyrrole azo dyes in solution. <i>Tetrahedron Letters</i> , 2006, 47, 3711-3714.	1.4	59
20	Formylation, dicyanovinilation and tricyanovinilation of 5-alkoxy- and 5-amino- substituted 2,2'-bithiophenes. <i>Tetrahedron</i> , 2003, 59, 4891-4899.	1.9	57
21	New heterocyclic systems to afford microsecond green-light isomerisable azo dyes and their use as fast molecular photochromic switches. <i>Chemical Communications</i> , 2013, 49, 11427.	4.1	57
22	Photorelease and Cellular Delivery of Mitocurcumin from Its Cytotoxic Cobalt(III) Complex in Visible Light. <i>Inorganic Chemistry</i> , 2016, 55, 6027-6035.	4.0	55
23	Monofunctional BODIPY-Appended Imidazoplatin for Cellular Imaging and Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 11019-11029.	4.0	55
24	Synthesis and evaluation of thiosemicarbazones functionalized with furyl moieties as new chemosensors for anion recognition. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 7418.	2.8	52
25	Imidazoanthraquinone Derivatives for the Chromofluorogenic Sensing of Basic Anions and Trivalent Metal Cations. <i>Journal of Organic Chemistry</i> , 2014, 79, 10752-10761.	3.2	52
26	Curcumin -Drug- Stabilized in Oxidovanadium(IV)-BODIPY Conjugates for Mitochondria-Targeted Photocytotoxicity. <i>Inorganic Chemistry</i> , 2017, 56, 12457-12468.	4.0	51
27	Bioinspired Systems for Metal-Ion Sensing: New Emissive Peptide Probes Based on Benzo[ <i>d</i> ]oxazole Derivatives and Their Gold and Silica Nanoparticles. <i>Inorganic Chemistry</i> , 2011, 50, 8834-8849.	4.0	50
28	Thermal stability of P3HT and P3HT:PCBM blends in the molten state. <i>Polymer Testing</i> , 2013, 32, 1192-1201.	4.8	50
29	Triphenylamine-Benzimidazole Derivatives: Synthesis, Excited-State Characterization, and DFT Studies. <i>Journal of Organic Chemistry</i> , 2013, 78, 11389-11395.	3.2	48
30	Carbohydrate-Appended Tumor Targeting Iron(III) Complexes Showing Photocytotoxicity in Red Light. <i>Inorganic Chemistry</i> , 2014, 53, 2152-2162.	4.0	48
31	Photoactive platinum(II)-diketonates as dual action anticancer agents. <i>Dalton Transactions</i> , 2016, 45, 13234-13243.	3.3	48
32	Synthesis of 5-aryl-5'-formyl-2,2'-bithiophenes as new precursors for nonlinear optical (NLO) materials. <i>Tetrahedron</i> , 2009, 65, 2079-2086.	1.9	47
33	Synthesis, Characterization and Metal Ion Detection of Novel Fluoroionophores Based on Heterocyclic Substituted Alanines. <i>Sensors</i> , 2007, 7, 2096-2114.	3.8	46
34	Synthesis and optical properties of novel, thermally stable phenanthrolines bearing an arylthienyl-imidazo conjugation pathway. <i>Dyes and Pigments</i> , 2009, 80, 329-336.	3.7	45
35	Fluorescence and two-photon absorption of push-pull aryl(bi)thiophenes: structure-property relationships. <i>Photochemical and Photobiological Sciences</i> , 2012, 11, 1756-1766.	2.9	44
36	Molecular photo-oscillators based on highly accelerated heterocyclic azo dyes in nematic liquid crystals. <i>Chemical Communications</i> , 2014, 50, 6704-6706.	4.1	44

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37	Synthesis of tricyanovinyl-substituted thienylpyrroles and characterization of the solvatochromic, electrochemical and non-linear optical properties. <i>Tetrahedron</i> , 2005, 61, 11991-11998.	1.9	43
38	Photoswitching in azo dyes bearing thienylpyrrole and benzothiazole heterocyclic systems. <i>Dyes and Pigments</i> , 2012, 92, 745-748.	3.7	43
39	Naphthyl-imidazo-anthraquinones as novel colorimetric and fluorimetric chemosensors for ion sensing. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 259, 33-40.	3.9	43
40	Design, synthesis and evaluation of redox, second order nonlinear optical properties and theoretical DFT studies of novel bithiophene azo dyes functionalized with thiadiazole acceptor groups. <i>Dyes and Pigments</i> , 2012, 95, 392-399.	3.7	42
41	A Combination of Friedel-Crafts and Lawesson Reactions to 5-Substituted 2,2- <sup>TM</sup> -Bithiophenes. <i>Heterocycles</i> , 2001, 55, 1487.	0.7	41
42	5-Alkoxy-2,2-bithiophene azo dyes: a novel promising series of NLO-chromophores. <i>Tetrahedron</i> , 2008, 64, 5878-5884.	1.9	41
43	Selective colorimetric and fluorimetric detection of cyanide in aqueous solution using novel heterocyclic imidazo-anthraquinones. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 791-799.	7.8	41
44	Fast thermal cis $\leftrightarrow$ trans isomerization of heterocyclic azo dyes in PMMA polymers. <i>Optical Materials</i> , 2013, 35, 1167-1172.	3.6	40
45	Synthesis and characterization of novel, thermally stable 2-aryl-5-dicyanovinylthiophenes and 5-aryl-5-dicyanovinyl-2,2-bithiophenes as potentially promising non-linear optical materials. <i>Dyes and Pigments</i> , 2010, 86, 217-226.	3.7	39
46	Synthesis and characterization of novel thieno[3,2-b]thiophene based metal-free organic dyes with different heteroaromatic donor moieties as sensitizers for dye-sensitized solar cells. <i>Dyes and Pigments</i> , 2017, 136, 46-53.	3.7	38
47	Synthesis and photophysical characterization of new fluorescent bis-amino acids bearing a heterocyclic bridge containing benzoxazole and thiophene. <i>Tetrahedron</i> , 2008, 64, 9733-9737.	1.9	37
48	Heteroaromatic alanine derivatives bearing (oligo)thiophene units: synthesis and photophysical properties. <i>Tetrahedron Letters</i> , 2008, 49, 5258-5261.	1.4	37
49	Synthesis and characterization of novel second-order NLO-chromophores bearing pyrrole as an electron donor group. <i>Tetrahedron</i> , 2012, 68, 8147-8155.	1.9	35
50	Push $\leftrightarrow$ pull second harmonic generation chromophores bearing pyrrole and thiazole heterocycles functionalized with several acceptor moieties: Syntheses and characterization. <i>Dyes and Pigments</i> , 2016, 128, 89-95.	3.7	35
51	Spectral and Photophysical Characterization of Donor-Acceptor Arylthienyl- and Bithienyl-Benzothiazole Derivatives in Solution and Solid State. <i>Journal of Physical Chemistry A</i> , 2007, 111, 8574-8578.	2.5	34
52	Exploring the Emissive Properties of New Azacrown Compounds Bearing Aryl, Furyl, or Thienyl Moieties: A Special Case of Chelation Enhancement of Fluorescence upon Interaction with Ca <sup>2+</sup> , Cu <sup>2+</sup> , or Ni <sup>2+</sup> . <i>Inorganic Chemistry</i> , 2010, 49, 10847-10857.	4.0	34
53	Synthesis and evaluation of fluorimetric and colorimetric chemosensors for anions based on (oligo)thienyl-thiosemicarbazones. <i>Tetrahedron</i> , 2012, 68, 7179-7186.	1.9	34
54	Cyanide and fluoride colorimetric sensing by novel imidazo-anthraquinones functionalised with indole and carbazole. <i>Supramolecular Chemistry</i> , 2014, 26, 71-80.	1.2	34

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55	Electrochemical, Magnetic, and Electrical Properties of $\hat{\pm}$ -Capped Sexithiophene Films. 1. Neutral $\hat{\sim}$ Polaron and Polaron $\hat{\sim}$ Bipolaron Conductivities. <i>Chemistry of Materials</i> , 2005, 17, 6492-6502.	6.7	33
56	Synthesis of formyl-thienylpyrroles: versatile building blocks for NLO materials. <i>Tetrahedron</i> , 2006, 62, 3493-3501.	1.9	32
57	Optical and Photovoltaic Properties of Thieno[3,2- <i>b</i> ]thiophene-Based Push $\hat{\leftarrow}$ Pull Organic Dyes with Different Anchoring Groups for Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2017, 2, 9268-9279.	3.5	32
58	A simple and easy-to-prepare imidazole-based probe for the selective chromo-fluorogenic recognition of biothiols and Cu(II) in aqueous environments. <i>Dyes and Pigments</i> , 2019, 162, 303-308.	3.7	32
59	The influence of the relative position of the thiophene and pyrrole rings in donor $\hat{\leftarrow}$ acceptor thienylpyrrolyl-benzothiazole derivatives. A photophysical and theoretical investigation. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 9719.	2.8	31
60	Reversible trans $\hat{\leftarrow}$ cis photoisomerization of new pyrrolidene heterocyclic imines. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 259, 59-65.	3.9	31
61	Nonlinear optoelectronic materials formed by push $\hat{\leftarrow}$ pull (b)thiophene derivatives functionalized with di(tri)cyanovinyl acceptor groups. <i>Journal of Materials Science: Materials in Electronics</i> , 2014, 25, 1745-1750.	2.2	31
62	Synthesis and immobilization of molybdenum complexes in a pillared layered clay. <i>Microporous and Mesoporous Materials</i> , 2004, 72, 111-118.	4.4	30
63	Immobilization of chromium complexes in zeolite Y obtained from biosorbents: Synthesis, characterization and catalytic behaviour. <i>Applied Catalysis B: Environmental</i> , 2010, 94, 1-7.	20.2	30
64	Iron(III) Catecholates for Cellular Imaging and Photocytotoxicity in Red Light. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2494-2504.	3.3	30
65	Imidazo-benzo-15-crown-5 ethers bearing arylthienyl and bithienyl moieties as novel fluorescent chemosensors for Pd <sup>2+</sup> and Cu <sup>2+</sup> . <i>Tetrahedron</i> , 2011, 67, 7106-7113.	1.9	29
66	Synthesis, Fluorescence, and Two $\hat{\leftarrow}$ Photon Absorption Properties of Push $\hat{\leftarrow}$ Pull 5 $\hat{\leftarrow}$ Arylthieno[3,2- <i>b</i> ]thiophene Derivatives. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 5263-5273.	2.4	29
67	Synthesis and evaluation of bipendant-armed (oligo)thiophene crown ether derivatives as new chemical sensors. <i>Tetrahedron Letters</i> , 2008, 49, 6575-6578.	1.4	28
68	Immobilization of Fe(III) complexes of pyridazine derivatives prepared from biosorbents supported on zeolites. <i>Microporous and Mesoporous Materials</i> , 2008, 109, 163-171.	4.4	28
69	Synthesis and evaluation of new thienyl and bithienyl $\hat{\leftarrow}$ bis $\hat{\leftarrow}$ indolylmethanes as colorimetric sensors for anions. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 362-366.	1.9	28
70	Novel photochromic 2,2 $\hat{\leftarrow}$ -bithiophene azo dyes. <i>Dyes and Pigments</i> , 2009, 82, 130-133.	3.7	27
71	Synthesis, characterization and spectroscopic studies of two new schiff-base bithienyl pendant-armed 15-crown-5 molecular probes. <i>Inorganic Chemistry Communication</i> , 2009, 12, 79-85.	3.9	27
72	Synthesis and Characterization of the Ground and Excited States of Tripodal-like Oligothiienyl-imidazoles. <i>Journal of Physical Chemistry B</i> , 2010, 114, 4964-4972.	2.6	27

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73	Enhancement of the photochromic switching speed of bithiophene azo dyes. <i>Tetrahedron Letters</i> , 2012, 53, 4502-4506.	1.4	27
74	Highly efficient heterogeneous catalysts for phenol oxidation: Binuclear pyrrolyl-azine metal complexes encapsulated in NaY zeolite. <i>Microporous and Mesoporous Materials</i> , 2016, 227, 272-280.	4.4	27
75	Synthesis and characterization of push-pull bithienylpyrrole NLOphores with enhanced hyperpolarizabilities. <i>Dyes and Pigments</i> , 2016, 131, 333-339.	3.7	26
76	An insight into the synthesis of cationic porphyrin-imidazole derivatives and their photodynamic inactivation efficiency against <i>Escherichia coli</i> . <i>Dyes and Pigments</i> , 2020, 178, 108330.	3.7	26
77	The synthesis and characterization of heterocyclic azo dyes derived from 5-N,N-dialkylamino-2,2'-bithiophene couplers. <i>Dyes and Pigments</i> , 2009, 83, 59-65.	3.7	25
78	Synthesis and characterisation of push-pull flavin dyes with efficient second harmonic generation (SHG) properties. <i>RSC Advances</i> , 2017, 7, 24462-24469.	3.6	25
79	Fluorescent phenanthroimidazoles functionalized with heterocyclic spacers: synthesis, optical chemosensory ability and two-photon absorption (TPA) properties. <i>New Journal of Chemistry</i> , 2017, 41, 12866-12878.	2.8	25
80	Push-Pull <i>N,N</i> -Diphenylhydrazones Bearing Bithiophene or Thienothiophene Spacers as Nonlinear Optical Second Harmonic Generators and as Photosensitizers for Nanocrystalline TiO <sub>2</sub> Dye-Sensitized Solar Cells. <i>ACS Omega</i> , 2018, 3, 12893-12904.	3.5	25
81	Unnatural benz-X-azolyl asparagine derivatives as novel fluorescent amino acids: synthesis and photophysical characterization. <i>Tetrahedron</i> , 2009, 65, 9373-9377.	1.9	24
82	Synthesis and characterization of push-pull bithiophene and thieno[3,2-b]thiophene derivatives bearing an ethyne linker as sensitizers for dye-sensitized solar cells. <i>Organic Electronics</i> , 2017, 49, 194-205.	2.6	24
83	Terpyridine derivatives functionalized with (hetero)aromatic groups and the corresponding Ru complexes: Synthesis and characterization as SHG chromophores. <i>Dyes and Pigments</i> , 2018, 150, 49-58.	3.7	24
84	Self-assembly of dipeptide Boc-diphenylalanine nanotubes inside electrospun polymeric fibers with strong piezoelectric response. <i>Nanoscale Advances</i> , 2019, 1, 4339-4346.	4.6	24
85	Synthesis of Psoralen Analogues Based on Dibenzofuran. <i>Helvetica Chimica Acta</i> , 2003, 86, 2900-2907.	1.6	23
86	Synthesis and solvatochromism studies of novel bis(indolyl)methanes bearing functionalized arylthiophene groups as new colored materials. <i>Photochemical and Photobiological Sciences</i> , 2014, 13, 492-498.	2.9	23
87	Synthesis and evaluation of benzothiazolyl and benzimidazolyl asparagines as amino acid based selective fluorimetric chemosensors for Cu <sup>2+</sup> . <i>Tetrahedron</i> , 2010, 66, 7479-7486.	1.9	22
88	Synthesis and evaluation of arylfuryl-bis(indolyl)methanes as selective chromogenic and fluorogenic ratiometric receptors for mercury ion in aqueous solution. <i>Dyes and Pigments</i> , 2014, 102, 293-300.	3.7	21
89	Novel functionalised imidazo-benzocrown ethers bearing a thiophene spacer as fluorimetric chemosensors for metal ion detection. <i>Dyes and Pigments</i> , 2016, 135, 134-142.	3.7	21
90	A dual channel sulphur-containing a macrocycle functionalised BODIPY probe for the detection of Hg(II) in a mixed aqueous solution. <i>New Journal of Chemistry</i> , 2018, 42, 7863-7868.	2.8	21

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91	Synthesis, characterization, photophysical studies and interaction with DNA of a new family of Ru(II) furyl- and thienyl-imidazo-phenanthroline polypyridyl complexes. <i>Inorganica Chimica Acta</i> , 2012, 381, 95-103.	2.4	20
92	Theoretical and experimental studies of aryl-bithiophene based push-pull $\pi$ -conjugated heterocyclic systems bearing cyanoacetic or rhodanine-3-acetic acid acceptors for SHG nonlinear optical applications. <i>Dyes and Pigments</i> , 2018, 149, 566-573.	3.7	20
93	Optical Fiber Sensors for Biocide Monitoring: Examples, Transduction Materials, and Prospects. <i>ACS Sensors</i> , 2020, 5, 3678-3709.	7.8	19
94	Novel highly emissive non-proteinogenic amino acids: synthesis of 1,3,4-thiadiazolyl asparagines and evaluation as fluorimetric chemosensors for biologically relevant transition metal cations. <i>Amino Acids</i> , 2011, 40, 1065-1075.	2.7	18
95	Fastest non-ionic azo dyes and transfer of their thermal isomerisation kinetics into liquid-crystalline materials. <i>Chemical Communications</i> , 2016, 52, 5132-5135.	4.1	18
96	Synthesis, characterization, fluorescence and computational studies of new Cu <sup>2+</sup> , Ni <sup>2+</sup> and Hg <sup>2+</sup> complexes with emissive thienylbenzoxazolyl-alanine ligands. <i>Inorganica Chimica Acta</i> , 2011, 366, 154-160.	2.4	16
97	Novel optical chemosensors for anions and cations based on an amino acid core functionalised with benzimidazoles. <i>Tetrahedron</i> , 2012, 68, 7322-7330.	1.9	16
98	New fluoroionophores for metal cations based on benzo[ <i>d</i> ]oxazol-5-yl-alanine bearing pyrrole and imidazole. <i>Dyes and Pigments</i> , 2018, 151, 211-218.	3.7	16
99	Benzothiadiazole derivatives functionalized with two different (hetero)aromatic donor groups: Synthesis and evaluation as TiO <sub>2</sub> sensitizers for DSSCs. <i>Dyes and Pigments</i> , 2018, 151, 89-94.	3.7	16
100	Photochemotherapy of Infrared Active BODIPY-Appended Iron(III) Catecholates for in Vivo Tumor Growth Inhibition. <i>ACS Omega</i> , 2018, 3, 9333-9338.	3.5	16
101	Maloplatin-B, a Cisplatin-Based BODIPY-Tagged Mito-Specific $\alpha$ -Chemo-PDT Agent Active in Red Light. <i>Inorganic Chemistry</i> , 2021, 60, 6410-6420.	4.0	16
102	A Convenient access to thienyl-substituted phthalazines. <i>Journal of Heterocyclic Chemistry</i> , 2005, 42, 1245-1251.	2.6	15
103	New 2,4,5-triarylimidazoles based on a phenylalanine core: synthesis, photophysical characterization and evaluation as fluorimetric chemosensors for ion recognition. <i>Dyes and Pigments</i> , 2016, 134, 258-268.	3.7	15
104	4-(4,5-Diphenyl-1H-imidazole-2-yl)-N,N-dimethylaniline-Cu(II) complex, a highly selective probe for glutathione sensing in water-acetonitrile mixtures. <i>Dyes and Pigments</i> , 2018, 159, 45-48.	3.7	15
105	Heterocyclic amino acids as fluorescent reporters for transition metals: synthesis and evaluation of novel furyl-benzoxazol-5-yl-alanines. <i>New Journal of Chemistry</i> , 2018, 42, 3483-3492.	2.8	14
106	<i>N,N</i> -Diphenylanilino-heterocyclic aldehyde-based chemosensors for UV-vis/NIR and fluorescence Cu(II) detection. <i>New Journal of Chemistry</i> , 2019, 43, 7393-7402.	2.8	14
107	A synthesis of 8,10-dimethoxyellipticine a diphenylamine. <i>Tetrahedron Letters</i> , 1995, 36, 133-134.	1.4	13
108	Synthesis and Electrochemical and Spectroscopic Properties of Molybdenum Complexes Bearing 5-Alkoxythiophene or -bithiophene Groups. <i>European Journal of Inorganic Chemistry</i> , 2005, 2005, 4361-4365.	2.0	12

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109	Synthesis and evaluation of the chromo-fluorogenic recognition ability of imidazoquinoline derivatives toward ions. <i>Dyes and Pigments</i> , 2015, 122, 50-58.	3.7	12
110	Mitochondria-Targeted Anticancer Activity of BODIPY-Appended Iron(III) Catecholates in Red Light. <i>ChemistrySelect</i> , 2017, 2, 11686-11692.	1.5	12
111	Anisotropic PCL nanofibers embedded with nonlinear nanocrystals as strong generators of polarized second harmonic light and piezoelectric currents. <i>Nanoscale Advances</i> , 2020, 2, 1206-1213.	4.6	11
112	A comprehensive spectroscopic, solvatochromic and photochemical analysis of 5-hydroxyquinoline and 8-hydroxyquinoline mono-azo dyes. <i>Journal of Molecular Structure</i> , 2021, 1223, 129323.	3.6	11
113	Organic-inorganic hybrid sol-gel materials doped with a fluorescent triarylimidazole derivative. <i>RSC Advances</i> , 2021, 11, 24613-24623.	3.6	11
114	Fries rearrangement of dibenzofuran-2-yl ethanoate under photochemical and Lewis-acid-catalysed conditions. <i>Tetrahedron</i> , 2004, 60, 6145-6154.	1.9	10
115	2,4,5-Triaryl imidazole probes for the selective chromo-fluorogenic detection of Cu(II). Prospective use of the Cu(II) complexes for the optical recognition of biothiols. <i>Polyhedron</i> , 2019, 170, 388-394.	2.2	10
116	New Fluorescent Heterocyclic Materials: Synthesis, Solvatochromic and Fluorescence Properties. <i>Materials Science Forum</i> , 2006, 514-516, 147-151.	0.3	9
117	Donor-Acceptor Substituted Thienylpyrrole Azo Dyes: Synthesis, Solvatochromic and Electrochemical Properties. <i>Materials Science Forum</i> , 2006, 514-516, 103-107.	0.3	9
118	Adaptable Photochromic Switches with Self-Aggregating Heterocyclic Azo Dyes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 23140-23144.	3.1	9
119	Synthesis and characterization of aryl-substituted BODIPY dyes displaying distinct solvatochromic singlet oxygen photosensitization efficiencies. <i>Dyes and Pigments</i> , 2021, 196, 109784.	3.7	9
120	Donor/Acceptor Substituted Oligothiophenes: Synthesis, Spectroscopic and Electrochemical Properties. <i>Materials Science Forum</i> , 2004, 455-456, 157-162.	0.3	8
121	Molybdenum Complexes Bearing (Bi)thienyl- or Arylthienyl-Substituted $\pi$ -Conjugated Spacers: Synthesis, Electrochemical, Spectroscopic and Nonlinear Optical Properties. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2998-3004.	2.0	8
122	(Oligo)thienyl-imidazo-benzocrown ether derivatives: Synthesis, photophysical studies and evaluation of their chemosensory properties. <i>Talanta</i> , 2011, 85, 2470-2478.	5.5	8
123	Fast (hetero)aryl-benzothiazolium ethenes photoswitches activated by visible-light at room temperature. <i>Dyes and Pigments</i> , 2015, 117, 163-169.	3.7	8
124	Non-canonical amino acids bearing thiophene and bithiophene: synthesis by an Ugi multicomponent reaction and studies on ion recognition ability. <i>Amino Acids</i> , 2017, 49, 921-930.	2.7	8
125	Structurally Characterized BODIPY-Appended Oxidovanadium(IV) $\beta^2$ -Diketonates for Mitochondria-Targeted Photocytotoxicity. <i>ACS Omega</i> , 2020, 5, 4282-4292.	3.5	8
126	Lysosome Specific Platinum(II) Catecholates with Photoactive BODIPY for Imaging and Photodynamic Therapy in Near-IR Light. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 831-839.	2.0	8



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127	Ferroelectric nanofibers with an embedded optically nonlinear benzothiazole derivative. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	1.9	7
128	Synthesis of $\pi$ -conjugated systems bearing thiophene and pyrrole heterocycles through palladium catalyzed cross-coupling reactions. <i>Tetrahedron</i> , 2016, 72, 1881-1887.	1.9	7
129	Synthesis of Pyridazine Derivatives by Suzuki-Miyaura Cross-Coupling Reaction and Evaluation of Their Optical and Electronic Properties through Experimental and Theoretical Studies. <i>Molecules</i> , 2018, 23, 3014.	3.8	7
130	Synthesis, Optical and Electrical Characterization of Amino-alcohol Based Sol-gel Hybrid Materials. <i>Polymers</i> , 2020, 12, 2671.	4.5	7
131	Synthesis and Antitumor Evaluation of Benzopsoralen Analogues. <i>Chemistry and Biodiversity</i> , 2007, 4, 980-990.	2.1	6
132	Novel alanines bearing a heteroaromatic side chain: synthesis and studies on fluorescent chemosensing of metal cations with biological relevance. <i>Amino Acids</i> , 2018, 50, 671-684.	2.7	6
133	Push-Pull Heterocyclic Dyes Based on Pyrrole and Thiophene: Synthesis and Evaluation of Their Optical, Redox and Photovoltaic Properties. <i>Coatings</i> , 2022, 12, 34.	2.6	6
134	Synthesis and Characterization of New Push-Pull Anthraquinones Bearing an Arylthienyl-Imidazo Conjugation Pathway as Efficient Nonlinear Optical Chromophores. <i>Materials Science Forum</i> , 2010, 636-637, 387-391.	0.3	5
135	Development of iridium porphyrin arrays by axial coordination through N-bidentate ligand: Synthesis and evaluation of the optical, electrochemical and thermal properties. <i>Polyhedron</i> , 2018, 154, 302-308.	2.2	5
136	Binuclear furanyl-azine metal complexes encapsulated in NaY zeolite as efficiently heterogeneous catalysts for phenol hydroxylation. <i>Journal of Molecular Structure</i> , 2020, 1206, 127687.	3.6	5
137	A flexible approach to pyrido[4,3-b]carbazoles. The syntheses of 8,10-dimethoxy-5-methyl-, 5,11-dimethoxy-7,10-dimethyl- and 9-fluoro-5,11-dimethylpyrido[4,3-b]carbazoles by variations of the $\alpha$ -type route. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1993, , 1879-1889.	0.9	4
138	Encapsulated pyridazine Cr(III) complexes prepared from biosorbents supported in zeolites. <i>Studies in Surface Science and Catalysis</i> , 2005, 158, 1073-1080.	1.5	4
139	5-Arylazo-2,2'-Bithiophenes: A Novel Promising Series of NLO Chromophores. <i>Materials Science Forum</i> , 2000, 587-588, 268-272.	0.3	4
140	Functionalized BODIPY Derivatives as Potential Fluorescent Labels. <i>Proceedings (mdpi)</i> , 2018, 9, .	0.2	4
141	A meso-Triphenylamine-BODIPY Derivative for the Optical Chemosensing of Metal Ions. <i>Chemistry Proceedings</i> , 2020, 3, .	0.1	4
142	Hybrid Sol-Gel Matrices Doped with Colorimetric/Fluorimetric Imidazole Derivatives. <i>Nanomaterials</i> , 2021, 11, 3401.	4.1	4
143	Alternative Products to Carbazoles in the Oxidation of Diphenylamines with Palladium(II) Acetate. <i>Journal of Chemical Research Synopses</i> , 1997, , 354.	0.3	3
144	Studies on 5-Bromo-4,7-dimethylindene, an Intermediate in the Synthesis of 6-Bromo-5,8-dimethylisoquinoline. <i>Journal of Chemical Research Synopses</i> , 1999, , 466-467.	0.3	3

#	ARTICLE	IF	CITATIONS
145	Synthesis of Highly Substituted Diphenylacetamides and Diphenylsulfonamides by the Goldberg Coupling Reaction. <i>Journal of Chemical Research</i> , 2000, 2000, 156-158.	1.3	3
146	Push-Pull Tricyanovinyl-Substituted Thienylpyrroles: Synthesis, Solvatochromic and Electrochemical Properties. <i>Materials Science Forum</i> , 2006, 514-516, 98-102.	0.3	3
147	INVITED PAPER. <i>Computing Letters</i> , 2007, 3, 1-12.	0.5	3
148	BODIPY Derivatives: Synthesis and Evaluation of Their Optical Properties. <i>Proceedings (mdpi)</i> , 2019, 9, 10.	0.2	3
149	Intermolecular Quenching of Edans/Dabcyl Donor-acceptor FRET Pair. <i>Proceedings (mdpi)</i> , 2019, 41, .	0.2	3
150	Synthesis, Characterization and Evaluation of a Novel BODIPY Derivative as a Colorimetric Chemosensor for Fe <sup>3+</sup> Recognition. <i>Proceedings (mdpi)</i> , 2019, 41, 40.	0.2	3
151	Synthesis, Characterization and Evaluation of a Carbazolyl-BODIPY as a Fluorimetric Chemosensor for F-Å. , 2021, 8, .		3
152	Synthesis and evaluation of NLO properties of Ñ-conjugated donor-acceptor systems bearing pyrrole and thiophene heterocycles. , 2011, , .		2
153	Highly efficient and thermally stable NLO organic materials based on pyrrole and thiophene heterocycles. <i>Proceedings of SPIE</i> , 2011, , .	0.8	2
154	Antitumour Heterocycles. Part 16.1 The Synthesis of 7,10-Dimethoxyellipticine and its Pyrrolo[2,3-f]carbazole and Pyrrolo[3,2-f] Analogues. <i>Journal of Chemical Research Synopses</i> , 1997, , 398.	0.3	1
155	New Oligothieryl-Imidazo-Phenanthroline Chromophores for NLO Applications. <i>Materials Science Forum</i> , 0, 587-588, 263-267.	0.3	1
156	Synthesis and characterization of novel push-pull thiophene and thienylpyrrole derivatives functionalized with indanonedicyanovinyl acceptor moiety as efficient NLO-chromophores. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
157	Heterocyclic Dicyanovinyl Derivatives: Synthesis and Evaluation of the Chemosensory Ability in Aqueous Solution. <i>Proceedings (mdpi)</i> , 2017, 1, 30.	0.2	1
158	Metallic Ion Sensing with a Benzothiazole-Based Fluorimetric Chemosensor. <i>Proceedings (mdpi)</i> , 2018, 9, .	0.2	1
159	Arylthienyl-vinyl-benzothiazoles as Efficient Second Harmonic Generators (SHG) for Nonlinear Optics. <i>Proceedings (mdpi)</i> , 2018, 9, .	0.2	1
160	Heterocyclic Aldehydes Based on Thieno[3,2-b]thiophene Core: Synthesis and Preliminary Studies as Ion Optical Chemosensors. <i>Cells</i> , 2021, 3, 88.	4.1	1
161	Synthesis and Preliminary Antibacterial Evaluation of A 2,4,5-Tri(hetero)arylimidazole Derivative. <i>Chemistry Proceedings</i> , 2021, 3, 41.	0.1	1
162	Synthesis and Characterization of a meso-Anthracene-BODIPY Derivative for Colorimetric Recognition of Cu <sup>2+</sup> and Fe <sup>3+</sup> . <i>Chemistry Proceedings</i> , 2021, 3, 79.	0.1	1

#	ARTICLE	IF	CITATIONS
163	Formylation, Dicyanovinylolation and Tricyanovinylolation of 5-Alkoxy- and 5-Amino-Substituted 2,2'-Bithiophenes.. ChemInform, 2003, 34, no.	0.0	0
164	Synthesis of Donor-Acceptor Substituted Oligothiophenes by Stille Coupling.. ChemInform, 2004, 35, no.	0.0	0
165	Arylamino-thieno-oxobutanamides under Lawesson Conditions: Competition Between Thienylpyrrole and Bithiophene Formation.. ChemInform, 2005, 36, no.	0.0	0
166	Thienylpyrrole Azo Dyes (III): Synthesis, Solvatochromic and Electrochemical Properties.. ChemInform, 2005, 36, no.	0.0	0
167	Synthesis and Characterization of Novel Donor-Acceptor Oligothiophenes as Efficient and Thermally Stable Second-Order Nonlinear Optical Chromophores. Materials Science Forum, 2010, 636-637, 380-386.	0.3	0
168	Amino acids based on 2,4,5-triarylimidazoles: synthesis and evaluation as new chemosensors for ion recognition. , 0, , .		0
169	Iodine-catalysed synthesis of a novel meso-substituted dipyrromethane and its evaluation as a cation chemosensor. , 0, , .		0
170	Synthesis and characterization of the photochromic properties of new pyrrolidene dyes bearing benzothiazole or benzothiazolium acceptor groups. , 0, , .		0
171	Synthesis and photophysical characterization of novel tri-(hetero)arylimidazoles. , 0, , .		0
172	Synthesis and evaluation of an imidazo-benzocrown ether functionalised amino acid as a new fluorimetric chemosensor for metal ion detection. , 0, , .		0
173	Synthesis, Characterization and Evaluation of Fluorimetric Chemosensors for Ions Based on Diphenylimidazole Derivatives. , 0, , .		0
174	Synthesis and Ion Recognition Studies of Novel Benzimidazol-5-yl-L-Alanines. , 0, , .		0
175	Synthesis and Characterization of the Photophysical Properties of Novel Heterocyclic Imines. , 0, , .		0
176	<strong>Phenanthroimidazole derivatives as fluorimetric chemosensors in aqueous medium</strong>. , 0, , .		0
177	Colorant, Nonlinear Optical. , 2016, , 435-447.		0
178	A New Fluorogenic Substrate for Granzyme B Based on Fluorescence Resonance Energy Transfer. Chemistry Proceedings, 2020, 3, .	0.1	0
179	Crown Ether Benzoxazolyl-Alanines as Fluorimetric Chemosensors for the Detection of Palladium in Aqueous Environment. Chemistry Proceedings, 2020, 3, .	0.1	0
180	Synthesis, Characterization, and Preliminary Chemosensory Ability of a Novel 2,4,5-Tri(Hetero)Arylimidazole Based on an 8-Hydroxy-Quinoline Group. , 2021, 8, .		0

#	ARTICLE	IF	CITATIONS
181	Organic-Inorganic Hybrid Sol-Gel Material Loaded with an Heterocyclic Aldehyde with Potential Application for Cu(II) Detection. , 2021, 8, .		0
182	A Novel Heterocyclic Thiosemicarbazone: Synthesis, Characterization and Preliminary Sensing Studies for Ions. , 2021, 8, .		0
183	A Thiophene-Based Dicyanovinyl as an Anion Chemosensor. , 0, , .		0