

Elisabete Oliveira

List of Publications by Citations

Source: <https://exaly.com/author-pdf/6386095/elisabete-oliveira-publications-by-citations.pdf>

Version: 2024-04-26

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

77
papers

1,921
citations

26
h-index

40
g-index

84
ext. papers

2,080
ext. citations

4.7
avg, IF

4.76
L-index

#	Paper	IF	Citations
77	Light and colour as analytical detection tools: a journey into the periodic table using polyamines to bio-inspired systems as chemosensors. <i>Chemical Society Reviews</i> , 2010 , 39, 2948-76	58.5	179
76	Synthesis and ion sensing properties of new colorimetric and fluorimetric chemosensors based on bithienyl-imidazo-anthraquinone chromophores. <i>Organic Letters</i> , 2007 , 9, 3201-4	6.2	135
75	Revisiting the use of gold and silver functionalised nanoparticles as colorimetric and fluorometric chemosensors for metal ions. <i>Sensors and Actuators B: Chemical</i> , 2015 , 212, 297-328	8.5	104
74	Corroles as anion chemosensors: exploiting their fluorescence behaviour from solution to solid-supported devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13811		71
73	Columnar discotic Pt(II) metallomesogens as luminescence multifunctional materials with chemo and thermosensor abilities. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9167-9181	7.1	46
72	Bioinspired systems for metal-ion sensing: new emissive peptide probes based on benzo[d]oxazole derivatives and their gold and silica nanoparticles. <i>Inorganic Chemistry</i> , 2011 , 50, 8834-49	5.1	45
71	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018 , 7, 9-52	2.3	44
70	Synthesis, Characterization and Metal Ion Detection of Novel Fluoroionophores Based on Heterocyclic Substituted Alanines. <i>Sensors</i> , 2007 , 7, 2096-2114	3.8	43
69	The MTHFR C677T and A1298C polymorphisms and susceptibility to childhood acute lymphoblastic leukemia in Portugal. <i>Journal of Pediatric Hematology/Oncology</i> , 2005 , 27, 425-9	1.2	43
68	Corrole and corrole functionalized silica nanoparticles as new metal ion chemosensors: a case of silver satellite nanoparticles formation. <i>Inorganic Chemistry</i> , 2013 , 52, 8564-72	5.1	35
67	Magnetic, fluorescent and hybrid nanoparticles: From synthesis to application in biosystems. <i>Materials Science and Engineering C</i> , 2020 , 106, 110104	8.3	35
66	Heteroaromatic alanine derivatives bearing (oligo)thiophene units: synthesis and photophysical properties. <i>Tetrahedron Letters</i> , 2008 , 49, 5258-5261	2	34
65	New coumarin-corrole and porphyrin conjugate multifunctional probes for anionic or cationic interactions: synthesis, spectroscopy, and solid supported studies. <i>Tetrahedron</i> , 2014 , 70, 3361-3370	2.4	33
64	New emissive dopamine derivatives as fluorescent chemosensors for metal ions: A CHEF effect for Al(III) interaction. <i>Inorganica Chimica Acta</i> , 2012 , 381, 203-211	2.7	32
63	Exploring photophysical properties of new boron and palladium(II) complexes with diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1255-1263		31
62	Novel small stable gold nanoparticles bearing fluorescent cysteine-coumarin probes as new metal-modulated chemosensors. <i>Inorganic Chemistry</i> , 2011 , 50, 8797-807	5.1	31
61	Pharmacogenetically relevant polymorphisms in Portugal. <i>Pharmacogenomics</i> , 2007 , 8, 703-12	2.6	31

60	New gallium(III) corrole complexes as colorimetric probes for toxic cyanide anion. <i>Inorganica Chimica Acta</i> , 2014 , 417, 148-154	2.7	30
59	Cyanide and fluoride colorimetric sensing by novel imidazo-anthraquinones functionalised with indole and carbazole. <i>Supramolecular Chemistry</i> , 2014 , 26, 71-80	1.8	30
58	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(2+), Cu(2+), or Ni(2+). <i>Inorganic Chemistry</i> , 2010 , 49, 10847-57	5.1	30
57	Liquid crystal behavior induced in highly luminescent unsymmetrical borondifluoride β -diketonate materials. <i>Inorganica Chimica Acta</i> , 2012 , 381, 124-136	2.7	29
56	Sustainable synthesis of luminescent CdTe quantum dots coated with modified silica mesoporous nanoparticles: Towards new protein scavengers and smart drug delivery carriers. <i>Dyes and Pigments</i> , 2019 , 161, 360-369	4.6	28
55	Turn-on selective vitamin B6 derivative fluorescent probe for histidine detection in biological samples. <i>Analyst, The</i> , 2013 , 138, 3642-5	5	27
54	Fast human serum profiling through chemical depletion coupled to gold-nanoparticle-assisted protein separation. <i>Talanta</i> , 2012 , 100, 239-45	6.2	27
53	Imidazo-benzo-15-crown-5 ethers bearing arylthienyl and bithienyl moieties as novel fluorescent chemosensors for Pd ²⁺ and Cu ²⁺ . <i>Tetrahedron</i> , 2011 , 67, 7106-7113	2.4	26
52	Synthesis and evaluation of new thienyl and bithienyl-bis-indolylmethanes as colorimetric sensors for anions. <i>Journal of Physical Organic Chemistry</i> , 2009 , 22, 362-366	2.1	26
51	Synthesis and evaluation of bipendant-armed (oligo)thiophene crown ether derivatives as new chemical sensors. <i>Tetrahedron Letters</i> , 2008 , 49, 6575-6578	2	26
50	A new tripodal poly-imine indole-containing ligand: Synthesis, complexation, spectroscopic and theoretical studies. <i>Inorganica Chimica Acta</i> , 2009 , 362, 2627-2635	2.7	25
49	Methylenetetrahydrofolate reductase and methionine synthase polymorphisms and risk of bladder cancer in a Tunisian population. <i>Cancer Genetics and Cytogenetics</i> , 2007 , 176, 48-53		24
48	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	3.1	23
47	Proteomics analysis of the peritoneal dialysate effluent reveals the presence of calcium-regulation proteins and acute inflammatory response. <i>Clinical Proteomics</i> , 2014 , 11, 17	5	21
46	Synthesis, spectroscopic, structural and complexation studies of a new tetra-naphthylmethylene pendant-armed macrocyclic ligand. <i>Inorganica Chimica Acta</i> , 2008 , 361, 2183-2194	2.7	21
45	Polymorphisms in one-carbon metabolism pathway genes and risk for bladder cancer in a Tunisian population. <i>Cancer Genetics and Cytogenetics</i> , 2009 , 195, 43-53		20
44	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. <i>New Journal of Chemistry</i> , 2008 , 32, 247-257	3.6	19
43	From yellow to pink using a fluorimetric and colorimetric pyrene derivative and mercury (II) ions. <i>Dyes and Pigments</i> , 2014 , 110, 152-158	4.6	18

42	1D chain fluorescein-functionalized gold and silver nanoparticles as new optical mercury chemosensor in aqueous media. <i>Journal of Nanoparticle Research</i> , 2013 , 15, 1	2.3	17
41	From colorimetric chemosensors to metal nanoparticles using two new tyrosine Schiff-base ligands for Cu ²⁺ detection. <i>Inorganica Chimica Acta</i> , 2012 , 380, 22-30	2.7	17
40	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, 492-8	4.2	16
39	Non-toxic fluorescent alanine-fluorescein probe with green emission for dual colorimetric/fluorimetric sensing. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013 , 269, 17-26	4.7	15
38	Exploiting anionic and cationic interactions with a new emissive imine-based 11aphthol molecular probe. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 905-912	3.1	15
37	Interaction of polyamine macrocycles with Zn(II) and ATP in aqueous solution. Binary and ternary systems. A potentiometric, NMR and fluorescence emission study. <i>Inorganica Chimica Acta</i> , 2008 , 361, 3410-3419	2.7	15
36	New dual colorimetric/fluorimetric probes for Hg ²⁺ detection & extraction based on mesoporous SBA-16 nanoparticles containing porphyrin or rhodamine chromophores. <i>Dyes and Pigments</i> , 2019 , 161, 427-437	4.6	15
35	From visible to far-red excitable chromophores derivatives of vitamin B6. Evaluation as pH-responsive probes and solvatochromic study. <i>Dyes and Pigments</i> , 2014 , 110, 219-226	4.6	14
34	Synthesis, characterization, fluorescence and computational studies of new Cu ²⁺ , Ni ²⁺ and Hg ²⁺ complexes with emissive thienylbenzoxazolyl-alanine ligands. <i>Inorganica Chimica Acta</i> , 2011 , 366, 154-160	2.7	14
33	The interaction of Hg(2+) and trivalent ions with two new fluorescein bio-inspired dual colorimetric/fluorimetric probes. <i>Dalton Transactions</i> , 2016 , 45, 9513-22	4.3	14
32	New-coated fluorescent silver nanoparticles with a fluorescein thiol ester derivative: fluorescent enhancement upon interaction with heavy metal ions. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	13
31	Triketonate difluoroboron complexes. Substitution-dependent liquid crystal and photophysical properties. <i>Dyes and Pigments</i> , 2016 , 135, 184-200	4.6	12
30	Designing Eu-diketonate complexes as a support of ionic liquid crystals (ILCs) with additional luminescent properties. <i>Dyes and Pigments</i> , 2018 , 159, 395-405	4.6	12
29	A comprehensive factorial design study of variables affecting protein extraction from formalin-fixed kidney tissue samples. <i>Talanta</i> , 2014 , 119, 90-7	6.2	12
28	A novel quinoline molecular probe and the derived functionalized gold nanoparticles: sensing properties and cytotoxicity studies in MCF-7 human breast cancer cells. <i>Journal of Inorganic Biochemistry</i> , 2014 , 137, 115-22	4.2	12
27	Synthesis of functionalized fluorescent silver nanoparticles and their toxicological effect in aquatic environments (Goldfish) and HEPG2 cells. <i>Frontiers in Chemistry</i> , 2013 , 1, 29	5	12
26	Metal ion interaction with a novel anthracene pendant-armed fluorescent molecular probe. Synthesis, characterization, and fluorescence studies. <i>Inorganica Chimica Acta</i> , 2007 , 360, 2734-2743	2.7	11
25	Toxicological Evaluation of Luminescent Silica Nanoparticles as New Drug Nanocarriers in Different Cancer Cell Lines. <i>Materials</i> , 2018 , 11,	3.5	10

24	Oxidation of tellurium dyes induced by mercury: More insights on the naked-eye and fluorescent Hg ²⁺ detection. <i>Dyes and Pigments</i> , 2019 , 160, 208-216	4.6	10
23	Novel emissive bio-inspired non-proteinogenic coumarin-alanine amino acid: fluorescent probe for polyfunctional systems. <i>Amino Acids</i> , 2012 , 43, 1779-90	3.5	10
22	Exploring the Interaction of Anthracene-Containing Macrocyclic Chemosensors with Silver(I) and Cadmium(II) Ions [Photophysical and Structural Studies. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2007 , 633, 1809-1814	1.3	10
21	Engineered Nanostructured Materials for Ofloxacin Delivery. <i>Frontiers in Chemistry</i> , 2018 , 6, 554	5	9
20	A methodological approach based on gold-nanoparticles followed by matrix assisted laser desorption ionization time of flight mass spectrometry for the analysis of urine profiling of knee osteoarthritis. <i>Talanta</i> , 2016 , 150, 638-45	6.2	8
19	A journey through PROTEOSONICS. <i>Talanta</i> , 2014 , 121, 71-80	6.2	8
18	Untangling interactions of a zinc(II) complex containing a coumarin-porphyrin unit with alkaloids in water solutions: a photophysical study. <i>Photochemical and Photobiological Sciences</i> , 2015 , 14, 757-64	4.2	8
17	(Oligo)thienyl-imidazo-benzocrown ether derivatives: synthesis, photophysical studies and evaluation of their chemosensory properties. <i>Talanta</i> , 2011 , 85, 2470-8	6.2	8
16	Patterns of pharmacogenetic diversity in African populations: role of ancient and recent history. <i>Pharmacogenomics</i> , 2009 , 10, 1413-22	2.6	8
15	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018 , 7, 3	2.3	7
14	Gold@mesoporous silica nanocarriers for the effective delivery of antibiotics and by-passing of β -lactam resistance. <i>SN Applied Sciences</i> , 2020 , 2, 1	1.8	7
13	Study of Multiporphyrin Compounds as Colorimetric Sitting-Atop Metal Complexes: Synthesis and Photophysical Studies. <i>ChemPlusChem</i> , 2016 , 81, 143-153	2.8	7
12	Rhodamine-Appended Bipyridine: XOR and OR Logic Operations Integrated in an Example of Controlled Metal Migration. <i>ChemistryOpen</i> , 2014 , 3, 190-8	2.3	6
11	Sea warming affects bream (<i>Sparus aurata</i>) tissues and stress proteins (HSP70). <i>Microscopy and Microanalysis</i> , 2013 , 19, 83-84	0.5	6
10	Luminescent silicon-based nanocarrier for drug delivery in colorectal cancer cells. <i>Dyes and Pigments</i> , 2020 , 181, 108393	4.6	4
9	Fluorescence quantum yield determination of molecules in liquids by thermally driven conical diffraction. <i>Journal of Luminescence</i> , 2018 , 197, 175-179	3.8	4
8	An overview on sensing materials depending on the electromagnetic spectra region applied. <i>Dyes and Pigments</i> , 2016 , 135, 3-25	4.6	4
7	An unusual emissive and colorimetric copper (II) detection by a selective probe based on a pseudo-crown cysteine dye: Solution and gas phase studies. <i>Inorganic Chemistry Communication</i> , 2017 , 86, 299-303	3.1	4

6	An unusual highly emissive water-soluble iridium lissamine-alanine complex and its use in a molecular logic gate. <i>Dalton Transactions</i> , 2016 , 45, 1254-8	4.3	3
5	Ofloxacin@Doxorubicin-Epirubicin functionalized MCM-41 mesoporous silica-based nanocarriers as synergistic drug delivery tools for cancer related bacterial infections. <i>Bioorganic Chemistry</i> , 2022 , 118, 105470	5.1	2
4	Multifunctional Porphyrin-based dyes for cations detection in solution and thermoresponsive low-cost materials. <i>Dyes and Pigments</i> , 2021 , 185, 108897	4.6	2
3	Development of low-cost colourimetric and pH sensors based on PMMA@Cyanine polymers. <i>Dyes and Pigments</i> , 2022 , 110154	4.6	0
2	Development of Cyanine 813@Imidazole-Based Doped Supported Devices for Divalent Metal Ions Detection. <i>Chemosensors</i> , 2022 , 10, 80	4	0
1	Bioinspired Functionalized Nanoparticles as Tools for Detection, Quantification and Targeting of Biomolecules 2014 , 391-424		