

# Elisabete Oliveira

## List of Publications by Year in descending order

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81  
papers

2,285  
citations

186209

28  
h-index

243529

44  
g-index

84  
all docs

84  
docs citations

84  
times ranked

3033  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	18.7	193
2	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.	2.4	141
3	New toxic emerging contaminants: beyond the toxicological effects. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1-4.	2.7	138
4	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.	4.0	123
5	Corroles as anion chemosensors: exploiting their fluorescence behaviour from solution to solid-supported devices. <i>Journal of Materials Chemistry</i> , 2012, 22, 13811.	6.7	83
6	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018, 7, 9-52.	0.9	75
7	Magnetic, fluorescent and hybrid nanoparticles: From synthesis to application in biosystems. <i>Materials Science and Engineering C</i> , 2020, 106, 110104.	3.8	60
8	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.	2.7	51
9	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.	1.9	50
10	Synthesis, Characterization and Metal Ion Detection of Novel Fluoroionophores Based on Heterocyclic Substituted Alanines. <i>Sensors</i> , 2007, 7, 2096-2114.	2.1	46
11	The MTHFR C677T and A1298C Polymorphisms and Susceptibility to Childhood Acute Lymphoblastic Leukemia in Portugal. <i>Journal of Pediatric Hematology/Oncology</i> , 2005, 27, 425-429.	0.3	45
12	New gallium(III) corrole complexes as colorimetric probes for toxic cyanide anion. <i>Inorganica Chimica Acta</i> , 2014, 417, 148-154.	1.2	42
13	Corrole and Corrole Functionalized Silica Nanoparticles as New Metal Ion Chemosensors: A Case of Silver Satellite Nanoparticles Formation. <i>Inorganic Chemistry</i> , 2013, 52, 8564-8572.	1.9	41
14	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.	1.0	39
15	Heteroaromatic alanine derivatives bearing (oligo)thiophene units: synthesis and photophysical properties. <i>Tetrahedron Letters</i> , 2008, 49, 5258-5261.	0.7	37
16	Exploring photophysical properties of new boron and palladium(II) complexes with $\beta^2$ -diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. <i>Journal of Materials Chemistry</i> , 2011, 21, 1255-1263.	6.7	36
17	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.	1.2	35
18	Pharmacogenetically relevant polymorphisms in Portugal. <i>Pharmacogenomics</i> , 2007, 8, 703-712.	0.6	34

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19	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 $\text{Ca}^{2+}$ , $\text{Cu}^{2+}$ , or $\text{Ni}^{2+}$ . <i>Inorganic Chemistry</i> , 2010, 49, 10847-10857.	1.9	34
20	Cyanide and fluoride colorimetric sensing by novel imidazo-anthraquinones functionalised with indole and carbazole. <i>Supramolecular Chemistry</i> , 2014, 26, 71-80.	1.5	34
21	Novel Small Stable Gold Nanoparticles Bearing Fluorescent Cysteine-Coumarin Probes as New Metal-Modulated Chemosensors. <i>Inorganic Chemistry</i> , 2011, 50, 8797-8807.	1.9	33
22	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.	2.0	32
23	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.	1.0	30
24	Liquid crystal behavior induced in highly luminescent unsymmetrical borondifluoride $\beta^2$ -diketonate materials. <i>Inorganica Chimica Acta</i> , 2012, 381, 124-136.	1.2	30
25	Imidazo-benzo-15-crown-5 ethers bearing arylthienyl and bithienyl moieties as novel fluorescent chemosensors for $\text{Pd}^{2+}$ and $\text{Cu}^{2+}$ . <i>Tetrahedron</i> , 2011, 67, 7106-7113.	1.0	29
26	Turn-on selective vitamin B6 derivative fluorescent probe for histidine detection in biological samples. <i>Analyst</i> , 2013, 138, 3642.	1.7	29
27	Synthesis and evaluation of bipendant-armed (oligo)thiophene crown ether derivatives as new chemical sensors. <i>Tetrahedron Letters</i> , 2008, 49, 6575-6578.	0.7	28
28	Synthesis and evaluation of new thienyl and bithienyl-bis(indolyl)methanes as colorimetric sensors for anions. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 362-366.	0.9	28
29	Fast human serum profiling through chemical depletion coupled to gold-nanoparticle-assisted protein separation. <i>Talanta</i> , 2012, 100, 239-245.	2.9	28
30	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.	1.8	27
31	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.	1.0	26
32	New dual colorimetric/fluorimetric probes for $\text{Hg}^{2+}$ detection & extraction based on mesoporous SBA-16 nanoparticles containing porphyrin or rhodamine chromophores. <i>Dyes and Pigments</i> , 2019, 161, 427-437.	2.0	26
33	A new tripodal poly-imine indole-containing ligand: Synthesis, complexation, spectroscopic and theoretical studies. <i>Inorganica Chimica Acta</i> , 2009, 362, 2627-2635.	1.2	25
34	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.	1.1	24
35	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.	1.6	23
36	Synthesis, spectroscopic, structural and complexation studies of a new tetra-naphthylmethylene pendant-armed macrocyclic ligand. <i>Inorganica Chimica Acta</i> , 2008, 361, 2183-2194.	1.2	21

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37	From colorimetric chemosensors to metal nanoparticles using two new tyrosine Schiff-base ligands for Cu <sup>2+</sup> detection. <i>Inorganica Chimica Acta</i> , 2012, 380, 22-30.	1.2	21
38	From yellow to pink using a fluorimetric and colorimetric pyrene derivative and mercury (II) ions. <i>Dyes and Pigments</i> , 2014, 110, 152-158.	2.0	21
39	From dinuclear to tetranuclear zinc complexes through carboxylate donors: structural and luminescence studies. <i>New Journal of Chemistry</i> , 2008, 32, 247-257.	1.4	20
40	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.	1.8	19
41	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.	1.2	18
42	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.	2.0	18
43	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.	0.8	17
44	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.	1.2	16
45	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.	2.0	16
46	The interaction of Hg <sup>2+</sup> and trivalent ions with two new fluorescein bio-inspired dual colorimetric/fluorimetric probes. <i>Dalton Transactions</i> , 2016, 45, 9513-9522.	1.6	16
47	Exploiting anionic and cationic interactions with a new emissive imine-based 1 <sup>2</sup> -naphthol molecular probe. <i>Inorganic Chemistry Communication</i> , 2009, 12, 905-912.	1.8	15
48	A comprehensive factorial design study of variables affecting protein extraction from formalin-fixed kidney tissue samples. <i>Talanta</i> , 2014, 119, 90-97.	2.9	15
49	Designing Eu-1 <sup>2</sup> -diketonate complexes as a support of ionic liquid crystals (ILCs) with additional luminescent properties. <i>Dyes and Pigments</i> , 2018, 159, 395-405.	2.0	15
50	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.	0.8	14
51	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.	2.0	14
52	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, 115-122.	1.5	14
53	Toxicological Evaluation of Luminescent Silica Nanoparticles as New Drug Nanocarriers in Different Cancer Cell Lines. <i>Materials</i> , 2018, 11, 1310.	1.3	14
54	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.	1.2	13

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55	Oxidation of tellurium dyes induced by mercury: More insights on the naked-eye and fluorescent Hg <sup>2+</sup> detection. <i>Dyes and Pigments</i> , 2019, 160, 208-216.	2.0	13
56	Triketonate difluoroboron complexes. Substitution-dependent liquid crystal and photophysical properties. <i>Dyes and Pigments</i> , 2016, 135, 184-200.	2.0	12
57	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018, 7, 3-3.	0.9	12
58	Engineered Nanostructured Materials for Ofloxacin Delivery. <i>Frontiers in Chemistry</i> , 2018, 6, 554.	1.8	12
59	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.	0.6	11
60	Novel emissive bio-inspired non-proteinogenic coumarin-alanine amino acid: fluorescent probe for polyfunctional systems. <i>Amino Acids</i> , 2012, 43, 1779-1790.	1.2	11
61	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, 638-645.	2.9	10
62	Gold@mesoporous silica nanocarriers for the effective delivery of antibiotics and by-passing of $\beta$ -lactam resistance. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	10
63	Patterns of pharmacogenetic diversity in African populations: role of ancient and recent history. <i>Pharmacogenomics</i> , 2009, 10, 1413-1422.	0.6	9
64	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, 757-764.	1.6	9
65	Pollutant toxic ions and molecules. A global pollution problem: trends in detection and protection. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24419-24421.	2.7	9
66	(Oligo)thienyl-imidazo-benzocrown ether derivatives: Synthesis, photophysical studies and evaluation of their chemosensory properties. <i>Talanta</i> , 2011, 85, 2470-2478.	2.9	8
67	A journey through PROTEOSONICS. <i>Talanta</i> , 2014, 121, 71-80.	2.9	8
68	Study of Multiporphyrin Compounds as Colorimetric Sensing-Top Metal Complexes: Synthesis and Photophysical Studies. <i>ChemPlusChem</i> , 2016, 81, 143-153.	1.3	8
69	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.	1.8	8
70	Luminescent silicon-based nanocarrier for drug delivery in colorectal cancer cells. <i>Dyes and Pigments</i> , 2020, 181, 108393.	2.0	8
71	Impacts of environmental issues on health and well-being: a global pollution challenge. <i>Environmental Science and Pollution Research</i> , 2021, 28, 18309-18313.	2.7	8
72	Rhodamine-Appended Bipyridine: XOR and OR Logic Operations Integrated in an Example of Controlled Metal Migration. <i>ChemistryOpen</i> , 2014, 3, 190-198.	0.9	7

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73	Fluorescence quantum yield determination of molecules in liquids by thermally driven conical diffraction. <i>Journal of Luminescence</i> , 2018, 197, 175-179.	1.5	7
74	Sea warming affects bream ( <i>Sparus aurata</i> ) tissues and stress proteins (HSP70). <i>Microscopy and Microanalysis</i> , 2013, 19, 83-84.	0.2	6
75	Multifunctional Porphyrin-based dyes for cations detection in solution and thermoresponsive low-cost materials. <i>Dyes and Pigments</i> , 2021, 185, 108897.	2.0	6
76	An overview on sensing materials depending on the electromagnetic spectra region applied. <i>Dyes and Pigments</i> , 2016, 135, 3-25.	2.0	5
77	Development of low-cost colourimetric and pH sensors based on PMMA@Cyanine polymers. <i>Dyes and Pigments</i> , 2022, 200, 110154.	2.0	5
78	An unusual highly emissive water-soluble iridium lissamine-alanine complex and its use in a molecular logic gate. <i>Dalton Transactions</i> , 2016, 45, 1254-1258.	1.6	4
79	Emerging pollutants. II International Caparica conference on pollutant toxic ions and molecules 2nd PTIM-2017. <i>Journal of Hazardous Materials</i> , 2019, 370, 1-3.	6.5	2
80	Development of Cyanine 813@Imidazole-Based Doped Supported Devices for Divalent Metal Ions Detection. <i>Chemosensors</i> , 2022, 10, 80.	1.8	1
81	Validation of a Standard Luminescence Method for the Fast Determination of the Antimicrobial Activity of Nanoparticles in <i>Escherichia coli</i> . <i>Nanomaterials</i> , 2022, 12, 2164.	1.9	1