

Javier Fernández-Lodeiro

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

879
citations

567281

15
h-index

477307

29
g-index

51
all docs

51
docs citations

51
times ranked

1610
citing authors

#	ARTICLE	IF	CITATIONS
1	New toxic emerging contaminants: beyond the toxicological effects. <i>Environmental Science and Pollution Research</i> , 2019, 26, 1-4.	5.3	138
2	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.	7.8	123
3	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018, 7, 9-52.	1.9	75
4	Single and combined effects of aluminum (Al ₂ O ₃) and zinc (ZnO) oxide nanoparticles in a freshwater fish, <i>Carassius auratus</i> . <i>Environmental Science and Pollution Research</i> , 2016, 23, 24578-24591.	5.3	60
5	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.	4.0	41
6	Synthesis and biological properties of selenium- and tellurium-containing dyes. <i>Dyes and Pigments</i> , 2014, 110, 28-48.	3.7	38
7	Steady-State and Time-Resolved Investigations on Pyrene-Based Chemosensors. <i>Inorganic Chemistry</i> , 2013, 52, 121-129.	4.0	33
8	Novel nanocomposites based on a strawberry-like gold-coated magnetite (Fe@Au) for protein separation in multiple myeloma serum samples. <i>Nano Research</i> , 2015, 8, 1189-1198.	10.4	32
9	Supercritical CO ₂ -Assisted Spray Drying of Strawberry-Like Gold-Coated Magnetite Nanocomposites in Chitosan Powders for Inhalation. <i>Materials</i> , 2017, 10, 74.	2.9	28
10	Synthesis, spectroscopic studies and in vitro antibacterial activity of Ibuprofen and its derived metal complexes. <i>Inorganic Chemistry Communication</i> , 2014, 45, 61-65.	3.9	24
11	Synthesis of Mesoporous Silica Coated Gold Nanorods Loaded with Methylene Blue and Its Potentials in Antibacterial Applications. <i>Nanomaterials</i> , 2021, 11, 1338.	4.1	19
12	New Synthesis of Gold- and Silver-Based Nano-Tetracycline Composites. <i>ChemistryOpen</i> , 2016, 5, 206-212.	1.9	18
13	Iron(II) as a Green Reducing Agent in Gold Nanoparticle Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 8295-8302.	6.7	18
14	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.	1.9	17
15	Exploiting anionic and cationic interactions with a new emissive imine-based 1 ² -naphthol molecular probe. <i>Inorganic Chemistry Communication</i> , 2009, 12, 905-912.	3.9	15
16	Synthesis and photophysical studies of two luminescent chemosensors based on catechol and 8-Hydroxyquinoline chromophores, and their complexes with group 13 metal ions. <i>Inorganic Chemistry Communication</i> , 2011, 14, 831-835.	3.9	14
17	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.	1.9	14
18	Polyamine Ligand-Mediated Self-Assembly of Gold and Silver Nanoparticles into Chainlike Structures in Aqueous Solution: Towards New Nanostructured Chemosensors. <i>ChemistryOpen</i> , 2013, 2, 200-207.	1.9	13

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19	Novel versatile imine-enamine chemosensor based on 6-nitro-4-oxo-4H-chromene for ion detection in solution, solid and gas-phase: synthesis, emission, computational and MALDI-TOF-MS studies. <i>Tetrahedron</i> , 2011, 67, 326-333.	1.9	12
20	Green and Red Fluorescent Dyes for Translational Applications in Imaging and Sensing Analytes: A Dual-Color Flag. <i>ChemistryOpen</i> , 2018, 7, 3-3.	1.9	12
21	Engineered Nanostructured Materials for Ofloxacin Delivery. <i>Frontiers in Chemistry</i> , 2018, 6, 554.	3.6	12
22	The versatility of Fe(II) in the synthesis of uniform citrate-stabilized plasmonic nanoparticles with tunable size at room temperature. <i>Nano Research</i> , 2020, 13, 2351-2355.	10.4	12
23	Novel emissive podands based on 8-OH-quinoline: Synthesis, fluorescence materials, DFT and complexation studies. <i>Inorganica Chimica Acta</i> , 2012, 381, 218-228.	2.4	11
24	Highly accessible aqueous synthesis of well-dispersed dendrimer type platinum nanoparticles and their catalytic applications. <i>Nano Research</i> , 2019, 12, 1083-1092.	10.4	10
25	Label-free protein quantification after ultrafast digestion of complex proteomes using ultrasonic energy and immobilized-trypsin magnetic nanoparticles. <i>Talanta</i> , 2019, 196, 262-270.	5.5	10
26	Bis(o-methylserotonin)-containing iridium(III) and ruthenium(II) complexes as new cellular imaging dyes: synthesis, applications, and photophysical and computational studies. <i>Journal of Biological Inorganic Chemistry</i> , 2013, 18, 679-692.	2.6	9
27	Unraveling the Organotellurium Chemistry Applied to the Synthesis of Gold Nanomaterials. <i>ACS Omega</i> , 2016, 1, 1314-1325.	3.5	8
28	Ultrasonic-assisted extraction and digestion of proteins from solid biopsies followed by peptide sequential extraction hyphenated to MALDI-based profiling holds the promise of distinguishing renal oncocytoma from chromophobe renal cell carcinoma. <i>Talanta</i> , 2020, 206, 120180.	5.5	8
29	Study and Preparation of Multifunctional Poly(L-Lysine)@Hyaluronic Acid Nanopolyplexes for the Effective Delivery of Tumor Suppressive MiR-34a into Triple-Negative Breast Cancer Cells. <i>Materials</i> , 2020, 13, 5309.	2.9	8
30	Synthesis of Gold Functionalised Nanoparticles with the Eranthis hyemalis Lectin and Preliminary Toxicological Studies on <i>Caenorhabditis elegans</i> . <i>Materials</i> , 2018, 11, 1363.	2.9	7
31	Water-soluble hollow nanocrystals from self-assembly of AIEE-active Pt(II) metallomesogens. <i>Nano Research</i> , 2021, 14, 245-254.	10.4	7
32	Exploring the Control in Antibacterial Activity of Silver Triangular Nanoplates by Surface Coating Modulation. <i>Frontiers in Chemistry</i> , 2018, 6, 677.	3.6	6
33	Versatile Schiff-base hydrazone fluorescent receptors: Synthesis, spectroscopy and complexation studies. <i>Inorganica Chimica Acta</i> , 2012, 380, 40-49.	2.4	5
34	Synthesis and Characterization of PtTe ₂ Multi-Crystallite Nanoparticles using Organotellurium Nanocomposites. <i>Scientific Reports</i> , 2017, 7, 9889.	3.3	5
35	Polymer Micro and Nanoparticles Containing B(III) Compounds as Emissive Soft Materials for Cargo Encapsulation and Temperature-Dependent Applications. <i>Nanomaterials</i> , 2021, 11, 3437.	4.1	4
36	Polyallylamine assisted synthesis of 3D branched AuNPs with plasmon tunability in the vis-NIR region as refractive index sensitivity probes. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 695-705.	9.4	3

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37	MolBank, 2012, 2012, M768.	0.5	2
38	Toxicity study of new metal nanoparticles functionalized with fluorescein derivatives as novel image systems. <i>Microscopy and Microanalysis</i> , 2013, 19, 25-26.	0.4	2
39	New Synthesis of Gold- and Silver-Based Nano-Tetracycline Composites. <i>ChemistryOpen</i> , 2016, 5, 169-169.	1.9	2
40	2-((Pyren-1-ylmethylamino)methyl)quinolin-8-ol. MolBank, 2010, 2010, M698.	0.5	0
41	N1-Benzylidene-N2-(2-((2-((2-(benzylideneamino)ethyl)amino)ethyl)amino)ethyl)ethane-1,2-diamine. MolBank, 2012, 2012, M779.	0.5	0
42	N1-((1H-Indazol-5-yl)methylene)-N2-(2-((2-((2-(((1H-indazol-6-yl)methylene)amino)ethyl)amino)ethyl)amino)ethyl)ethane-1,2-diamine. MolBank, 2012, 2012, M770.	0.5	0
43	Polyamine Ligand-Mediated Self-Assembly of Gold and Silver Nanoparticles into Chainlike Structures in Aqueous Solution: Towards New Nanostructured Chemosensors. <i>ChemistryOpen</i> , 2013, 2, 166-166.	1.9	0
44	Novel Nano-Structured Chemosensors in Organic and Aqueous Phase. , 0, , .		0