

Carlos Lodeiro

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/278710/carlos-lodeiro-publications-by-year.pdf>

Version: 2024-04-10

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.

264 papers	5,921 citations	41 h-index	57 g-index
307 ext. papers	6,435 ext. citations	4.8 avg, IF	5.72 L-index

#	Paper	IF	Citations
264	Development of low-cost colourimetric and pH sensors based on PMMA@Cyanine polymers. <i>Dyes and Pigments</i> , 2022 , 110154	4.6	0
263	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	9.3	0
262	Development of Cyanine 813@Imidazole-Based Doped Supported Devices for Divalent Metal Ions Detection. <i>Chemosensors</i> , 2022 , 10, 80	4	0
261	Tuning and reviving the luminescence of a new class of pyridyl Ediketonate Eu(III) metallomesogens: From molecules to entrapment in polymer particles. <i>Dyes and Pigments</i> , 2022 , 204, 110440	4.6	
260	Synthesis of Mesoporous Silica Coated Gold Nanorods Loaded with Methylene Blue and Its Potentials in Antibacterial Applications. <i>Nanomaterials</i> , 2021 , 11,	5.4	8
259	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
258	The role of the intermolecular π - π interactions in the luminescence behavior of novel coumarin-based pyrazoline materials. <i>Dyes and Pigments</i> , 2021 , 186, 108942	4.6	2
257	Water-soluble hollow nanocrystals from self-assembly of AIEE-active Pt(II) metallomesogens. <i>Nano Research</i> , 2021 , 14, 245-254	10	3
256	Advanced Functional Luminescent Metallomesogens: The Key Role of the Metal Center. <i>Chemical Reviews</i> , 2021 , 121, 12966-13010	68.1	7
255	Absolute quantitative proteomics using the total protein approach to identify novel clinical immunohistochemical markers in renal neoplasms. <i>BMC Medicine</i> , 2021 , 19, 196	11.4	1
254	Polymer Micro and Nanoparticles Containing B(III) Compounds as Emissive Soft Materials for Cargo Encapsulation and Temperature-Dependent Applications.. <i>Nanomaterials</i> , 2021 , 11,	5.4	1
253	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,	3.5	2
252	Ultrasonic-Based Filter Aided Sample Preparation as the General Method to Sample Preparation in Proteomics. <i>Analytical Chemistry</i> , 2020 , 92, 9164-9171	7.8	7
251	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
250	Lights and colours: Science, Techniques and Surveillance for the Future - 4th IC3EM 2020, Caparica, Portugal. <i>Dyes and Pigments</i> , 2020 , 182, 108660	4.6	
249	Thermochromic and acidochromic properties of polymer films doped with pyridyl-Ediketonate boron(III) complexes. <i>Dyes and Pigments</i> , 2020 , 177, 108272	4.6	9
248	Aggregation-induced emission enhancement (AIEE)-active Pt(II) metallomesogens as dyes sensitive to Hg ²⁺ and dopant agents to develop stimuli-responsive luminescent polymer materials. <i>Dyes and Pigments</i> , 2020 , 175, 108098	4.6	10

247	Magnetic, fluorescent and hybrid nanoparticles: From synthesis to application in biosystems. <i>Materials Science and Engineering C</i> , 2020 , 106, 110104	8.3	35
246	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	6.2	3
245	Nanomolar Detection of Palladium (II) through a Novel Seleno-Rhodamine-based fluorescent and colorimetric chemosensor. <i>Dyes and Pigments</i> , 2020 , 179, 108355	4.6	6
244	New nitroindazolylacetonitriles: efficient synthetic access via vicarious nucleophilic substitution and tautomeric switching mediated by anions. <i>New Journal of Chemistry</i> , 2019 , 43, 14355-14367	3.6	5
243	Snap-heated freeze-free preservation and processing of the urine proteome using the combination of stabilizer-based technology and filter aided sample preparation. <i>Analytica Chimica Acta</i> , 2019 , 1076, 82-90	6.6	4
242	Multi-Stimuli-Responsive Properties of Aggregation-Enhanced Emission-Active Unsymmetrical Pt Metallomesogens through Self-Assembly. <i>Chemistry - A European Journal</i> , 2019 , 25, 12046-12051	4.8	27
241	Development of a Robust Ultrasonic-Based Sample Treatment To Unravel the Proteome of OCT-Embedded Solid Tumor Biopsies. <i>Journal of Proteome Research</i> , 2019 , 18, 2979-2986	5.6	5
240	Iron(II) as a Green Reducing Agent in Gold Nanoparticle Synthesis. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 8295-8302	8.3	10
239	Highly accessible aqueous synthesis of well-dispersed dendrimer type platinum nanoparticles and their catalytic applications. <i>Nano Research</i> , 2019 , 12, 1083-1092	10	8
238	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
237	Novel E-Functionalized mono-charged porphyrinic derivatives: Synthesis and photoinactivation of Escherichia coli. <i>Dyes and Pigments</i> , 2019 , 160, 361-371	4.6	20
236	Proteomic changes driven by urban pollution suggest particulate matter as a deregulator of energy metabolism, mitochondrial activity, and oxidative pathways in the rat brain. <i>Science of the Total Environment</i> , 2019 , 687, 839-848	10.2	13
235	Hepatocyte and stellate cell deletion of liver fatty acid binding protein reveals distinct roles in fibrogenic injury. <i>FASEB Journal</i> , 2019 , 33, 4610-4625	0.9	13
234	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	6.2	8
233	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
232	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
231	Exploring the Control in Antibacterial Activity of Silver Triangular Nanoplates by Surface Coating Modulation. <i>Frontiers in Chemistry</i> , 2018 , 6, 677	5	3
230	Modulating the protein content of complex proteomes using acetonitrile. <i>Talanta</i> , 2018 , 182, 333-339	6.2	2

229	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
228	Isoquinolinyldipyrroles and pyridylisoxazoles as luminescent materials with sensorial ability towards pollutant toxic metal ions. Experimental and computational studies. <i>Journal of Luminescence</i> , 2018 , 198, 517-530	3.8	
227	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
226	Porphyrin-Oligopyridine Triads: Synthesis and Optical Properties. <i>Journal of Organic Chemistry</i> , 2018 , 83, 5282-5287	4.2	4
225	Foreword ultrasonics 2016 special issue. <i>Ultrasonics</i> , 2018 , 83, 1-2	3.5	
224	Ultrasonic-based membrane aided sample preparation of urine proteomes. <i>Talanta</i> , 2018 , 178, 864-869	6.2	9
223	Generalized pustular psoriasis triggered by Zika virus infection. <i>Clinical and Experimental Dermatology</i> , 2018 , 43, 171-174	1.8	8
222	Designing Zn(II) complexes as a support of bifunctional liquid crystal and luminescent materials. <i>Dyes and Pigments</i> , 2018 , 149, 37-50	4.6	8
221	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
220	Toxicological Evaluation of Luminescent Silica Nanoparticles as New Drug Nanocarriers in Different Cancer Cell Lines. <i>Materials</i> , 2018 , 11,	3.5	10
219	N-Confused Porphyrin Immobilized on Solid Supports: Synthesis and Metal Ions Sensing Efficacy. <i>Molecules</i> , 2018 , 23,	4.8	11
218	Multifunctional Pt(II) metallomesogens exhibiting luminescence and proton conductivity in the mesophase near room temperature. <i>Journal of Materials Chemistry C</i> , 2018 , 6, 9723-9733	7.1	8
217	Synthesis of Gold Functionalised Nanoparticles with the Eranthis hyemalis Lectin and Preliminary Toxicological Studies on Caenorhabditis elegans. <i>Materials</i> , 2018 , 11,	3.5	6
216	Formation of an emissive telluroxide promoted by Hg ²⁺ in aqueous environment: A new naked-eye and ratiometric rhodamine dimer fluorescent mercury(II) probe. <i>Dyes and Pigments</i> , 2018 , 159, 121-127	4.6	10
215	Bifunctional dipyrildipyrrole silver complexes with tunable thermotropic liquid crystal and luminescent behaviour. <i>Dyes and Pigments</i> , 2018 , 150, 323-334	4.6	8
214	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
213	Unparalleled sample treatment throughput for proteomics workflows relying on ultrasonic energy. <i>Talanta</i> , 2018 , 178, 1067-1076	6.2	5
212	Engineered Nanostructured Materials for Ofloxacin Delivery. <i>Frontiers in Chemistry</i> , 2018 , 6, 554	5	9

211	Lifetime and Fluorescence Quantum Yield of Two Fluorescein-Amino Acid-Based Compounds in Different Organic Solvents and Gold Colloidal Suspensions. <i>Chemosensors</i> , 2018 , 6, 26	4	5
210	Beyond the light and the colour: New materials for the future. Third International Caparica Congress on Chromogenic and Emissive Materials, 3rd IC3EM 2018. <i>Dyes and Pigments</i> , 2018 , 158, 463-464	4.6	1
209	A selective emissive chromogenic and fluorogenic seleno-coumarin probe for Cu detection in aprotic media. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 1174-1181	4.2	10
208	Synthesis and Characterization of PtTe Multi-Crystallite Nanoparticles using Organotellurium Nanocomposites. <i>Scientific Reports</i> , 2017 , 7, 9889	4.9	2
207	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
206	Silver compounds based on N,N,N-tridentate pyridylpyrazolate ligands. An opportunity to build cyclic trimetallic and oligomeric luminescent liquid crystals. <i>Polyhedron</i> , 2017 , 125, 141-150	2.7	13
205	Novel di-substituted hexaaza-macrocyclic ligands bearing hydrazine and/or indole arms: synthesis, sensor properties and catalytic activity. <i>Inorganica Chimica Acta</i> , 2017 , 456, 34-43	2.7	5
204	A seleno-pyrene selective probe for Hg 2+ detection in either aqueous or aprotic systems. <i>Sensors and Actuators B: Chemical</i> , 2017 , 239, 311-318	8.5	24
203	Supercritical CO ₂ -Assisted Spray Drying of Strawberry-Like Gold-Coated Magnetite Nanocomposites in Chitosan Powders for Inhalation. <i>Materials</i> , 2017 , 10,	3.5	16
202	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
201	Synthesis, characterization and biological evaluation of cationic porphyrin-terpyridine derivatives. <i>RSC Advances</i> , 2016 , 6, 110674-110685	3.7	16
200	Single and combined effects of aluminum (AlO) and zinc (ZnO) oxide nanoparticles in a freshwater fish, <i>Carassius auratus</i> . <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24578-24591	5.1	39
199	A cost-effective method to get insight into the peritoneal dialysate effluent proteome. <i>Journal of Proteomics</i> , 2016 , 145, 207-213	3.9	14
198	The confidence of blue: A new highly selective bio-inspired coumarin emissive probe for fluoride recognition. <i>Dyes and Pigments</i> , 2016 , 135, 177-183	4.6	9
197	Novel trans-disubstituted hexaaza-macrocyclic ligands containing pyridine head units: Synthesis, disubstitution and colorimetric properties. <i>Sensors and Actuators B: Chemical</i> , 2016 , 225, 481-491	8.5	6
196	Triketonate difluoroboron complexes. Substitution-dependent liquid crystal and photophysical properties. <i>Dyes and Pigments</i> , 2016 , 135, 184-200	4.6	12
195	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
194	Platinum(II) Metallomesogens: New External-Stimuli-Responsive Photoluminescence Materials. <i>Chemistry - A European Journal</i> , 2016 , 22, 10168-78	4.8	30

193	Reviewing the anaerobic digestion and co-digestion process of food waste from the perspectives on biogas production performance and environmental impacts. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24435-24450	5.1	55
192	Metallomesogens with Luminescent Behaviour: Palladium Complexes Derived from Alkylamide Tetraarylporphyrins. <i>ChemPlusChem</i> , 2016 , 81, 262-273	2.8	10
191	New Synthesis of Gold- and Silver-Based Nano-Tetracycline Composites. <i>ChemistryOpen</i> , 2016 , 5, 169	2.3	2
190	Unraveling the Organotellurium Chemistry Applied to the Synthesis of Gold Nanomaterials. <i>ACS Omega</i> , 2016 , 1, 1314-1325	3.9	5
189	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
188	Classifying patients in peritoneal dialysis by mass spectrometry-based profiling. <i>Talanta</i> , 2016 , 152, 364-370	7.0	11
187	Porphyrin-rhodamine conjugates as new materials with sensing ability. <i>Dyes and Pigments</i> , 2016 , 135, 113-126	4.6	7
186	An overview of the effective combination therapies for the treatment of breast cancer. <i>Biomaterials</i> , 2016 , 97, 34-50	15.6	87
185	Alginate beads containing water treatment residuals for arsenic removal from water-formation and adsorption studies. <i>Environmental Science and Pollution Research</i> , 2016 , 23, 24527-24539	5.1	41
184	New Synthesis of Gold- and Silver-Based Nano-Tetracycline Composites. <i>ChemistryOpen</i> , 2016 , 5, 206-212	2.3	15
183	Probing metal cations with two new Schiff base bischromophoric pyrene based chemosensors: Synthesis, photophysics and interactions patterns. <i>Dyes and Pigments</i> , 2016 , 134, 601-612	4.6	4
182	Study of Multiporphyrin Compounds as Colorimetric Sighting-Atop Metal Complexes: Synthesis and Photophysical Studies. <i>ChemPlusChem</i> , 2016 , 81, 143-153	2.8	7
181	Metallomesogens with Luminescent Behaviour: Palladium Complexes Derived from Alkylamide Tetraarylporphyrins. <i>ChemPlusChem</i> , 2016 , 81, 253	2.8	
180	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	28
179	Development of an alanine dosimetry system for radiation dose measurements in the radiotherapy range. <i>Journal of Instrumentation</i> , 2015 , 10, T08004-T08004	1	3
178	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
177	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
176	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

175	A journey through PROTEOSONICS. <i>Talanta</i> , 2014 , 121, 71-80	6.2	8
174	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
173	Preparation and ion recognition features of porphyrin-halcone type compounds as efficient red-fluorescent materials. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 4772-4783	7.1	19
172	A new 3,5-bisporphyrinylpyridine derivative as a fluorescent ratiometric probe for zinc ions. <i>Chemistry - A European Journal</i> , 2014 , 20, 6684-92	4.8	34
171	New rhodamine dimer probes for mercury detection via color changes and enhancement of the fluorescence emission: Fast recognition in cellulose supported devices. <i>Dyes and Pigments</i> , 2014 , 101, 156-163	4.6	36
170	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
169	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
168	A mesofluidic platform integrating on-chip probe ultrasonication for multiple sample pretreatment involving denaturation, reduction, and digestion in protein identification assays by mass spectrometry. <i>Analyst, The</i> , 2014 , 139, 992-5	5	3
167	Bioinspired Functionalized Nanoparticles as Tools for Detection, Quantification and Targeting of Biomolecules 2014 , 391-424		
166	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
165	Spectroscopic and photophysical studies of a naphthalene-based emissive probe for metal cations. <i>Inorganic Chemistry Communication</i> , 2014 , 47, 27-32	3.1	4
164	Binder-free rice husk-based silicon-graphene composite as energy efficient Li-ion battery anodes. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 13437-13441	13	97
163	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
162	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
161	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
160	Synthesis, spectroscopy studies, and theoretical calculations of new fluorescent probes based on pyrazole containing porphyrins for Zn(II), Cd(II), and Hg(II) optical detection. <i>Inorganic Chemistry</i> , 2014 , 53, 6149-58	5.1	50
159	Synthesis, spectroscopic studies and in vitro antibacterial activity of Ibuprofen and its derived metal complexes. <i>Inorganic Chemistry Communication</i> , 2014 , 45, 61-65	3.1	20
158	New gallium(III) corrole complexes as colorimetric probes for toxic cyanide anion. <i>Inorganica Chimica Acta</i> , 2014 , 417, 148-154	2.7	30

157	Polycatenar unsymmetrical β -diketonate ligands as a useful tool to induce columnar mesomorphism on highly luminescent boron difluoride complexes. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 9653-9665	7.1	30
156	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
155	New coumarin-borrole 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
154	Selecting pyrazole-based silver complexes for efficient liquid crystal and luminescent materials. <i>Dyes and Pigments</i> , 2014 , 110, 159-168	4.6	17
153	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
152	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, 679-92	3.7	8
151	The first substituted macrocyclic ligand Py2N4S2 containing four naphthylmethylene pendant-armed groups: Synthesis and photophysical properties. <i>Inorganic Chemistry Communication</i> , 2013 , 36, 22-26	3.1	5
150	Toxicity study of new metal nanoparticles functionalized with fluorescein derivatives as novel image systems. <i>Microscopy and Microanalysis</i> , 2013 , 19, 25-26	0.5	2
149	Functionalized Porphyrins as Red Fluorescent Probes for Metal Cations: Spectroscopic, MALDI-TOF Spectrometry, and Doped-Polymer Studies. <i>ChemPlusChem</i> , 2013 , 78, 1230-1243	2.8	21
148	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	2.3	
147	Speeding up the screening of steroids in urine: development of a user-friendly library. <i>Steroids</i> , 2013 , 78, 1226-32	2.8	8
146	Revisiting Heck-Mizoroki reactions in ionic liquids. <i>RSC Advances</i> , 2013 , 3, 19219	3.7	22
145	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, 200-7	2.3	12
144	Turn-on selective vitamin B6 derivative fluorescent probe for histidine detection in biological samples. <i>Analyst, The</i> , 2013 , 138, 3642-5	5	27
143	Zn ²⁺ /Cd ²⁺ optical discrimination by fluorescent chemosensors based on 8-hydroxyquinoline derivatives and sulfur-containing macrocyclic units. <i>Dalton Transactions</i> , 2013 , 42, 14516-30	4.3	48
142	Silver-pyrazole complexes as hybrid multifunctional materials with metallomesogenic and photoluminescent behaviour. <i>Dalton Transactions</i> , 2013 , 42, 2107-20	4.3	39
141	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
140	Colorimetric macrocyclic anion probes bearing nitrophenylurea and nitrophenylthiourea binding groups. <i>Tetrahedron</i> , 2013 , 69, 4578-4585	2.4	13

139	Steady-state and time-resolved investigations on pyrene-based chemosensors. <i>Inorganic Chemistry</i> , 2013 , 52, 121-9	5.1	32
138	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
137	Functionalized Porphyrins as Red Fluorescent Probes for Metal Cations: Spectroscopic, MALDI-TOF Spectrometry, and Doped-Polymer Studies. <i>ChemPlusChem</i> , 2013 , 78, 1210	2.8	1
136	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
135	Degradation of carbofuran derivatives in restricted water environments: basic hydrolysis in AOT-based microemulsions. <i>Journal of Colloid and Interface Science</i> , 2012 , 372, 113-20	9.3	13
134	Fast human serum profiling through chemical depletion coupled to gold-nanoparticle-assisted protein separation. <i>Talanta</i> , 2012 , 100, 239-45	6.2	27
133	Direct matrix assisted laser desorption ionization mass spectrometry-based analysis of wine as a powerful tool for classification purposes. <i>Talanta</i> , 2012 , 91, 72-6	6.2	19
132	Corroles as anion chemosensors: exploiting their fluorescence behaviour from solution to solid-supported devices. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13811		71
131	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
130	Matrix-assisted laser desorption/ionisation time of flight spectrometry for the fast screening of oxosteroids using aromatic hydrated hydrazines as versatile probes. <i>Talanta</i> , 2012 , 100, 262-9	6.2	6
129	Fluorescence spectroscopy: From single chemosensors to nanoparticles science. <i>Inorganica Chimica Acta</i> , 2012 , 381, 1	2.7	
128	Novel emissive phenylurea-based macrocyclic chemosensor: Synthesis, fluorescent and complexation studies. <i>Inorganica Chimica Acta</i> , 2012 , 381, 85-94	2.7	10
127	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	2.7	20
126	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
125	New quinoline diimine ligands as fluorescent probes for metal ions: Ultrasound-assisted and conventional synthetic methods. <i>Inorganica Chimica Acta</i> , 2012 , 381, 143-149	2.7	5
124	Novel emissive podands based on 8-OH-quinoline: Synthesis, fluorescence materials, DFT and complexation studies. <i>Inorganica Chimica Acta</i> , 2012 , 381, 218-228	2.7	11
123	N1-(Benzo[b]thiophen-3-ylmethylidene)-N2-(2-((2-((benzo[b]thiophen-3-ylmethylidene)amino)ethyl)amino)ethyl)amino)ethane-1,2-diamine. <i>MolBank</i> , 2012 , 2012, M768	0.5	2
122	N1-Benzylidene-N2-(2-((2-((benzylideneamino)ethyl)amino)ethyl)amino)ethyl)ethane-1,2-diamine. <i>MolBank</i> , 2012 , 2012, M779	0.5	

121	N1-((1H-Indazol-5-yl)methylene)-N2-(2-((2-(((1H-indazol-6-yl)methylene)amino)ethyl)amino)ethyl)amino)ethyl)ethane. <i>MolBank</i> , 2012 , 2012, M770	0.5	
120	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
119	Exploring photophysical properties of new boron and palladium(II) complexes with β -diketone pyridine type ligands: from liquid crystals to metal fluorescence probes. <i>Journal of Materials Chemistry</i> , 2011 , 21, 1255-1263		31
118	(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
117	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
116	Novel versatile imine-amine 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	2.4	12
115	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
114	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	3.1	14
113	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
112	Cyclodextrin-Surfactant Mixed Systems as Reaction Media. <i>Progress in Reaction Kinetics and Mechanism</i> , 2010 , 35, 105-129	0.5	12
111	2-((Pyren-1-ylmethylamino)methyl)quinolin-8-ol. <i>MolBank</i> , 2010 , 2010, M698	0.5	
110	N,N'-{1,3-Phenylenebis[methyleneoxy-2,1-phenylene(Z)methylylidene]}bis[1-(1-naphthyl)methanamine]. <i>MolBank</i> , 2010 , 2010, M702	0.5	
109	2,2'-(2,2'-Oxybis(ethane-2,1-diyl)bis(oxy))bis(N-(2,2'-bithiophen-5-ylmethylene)aniline). <i>MolBank</i> , 2010 , 2010, M683	0.5	1
108	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
107	Luminescent liquid crystal materials based on unsymmetrical boron difluoride β -diketonate adducts. <i>New Journal of Chemistry</i> , 2010 , 34, 2937	3.6	27
106	Comparison of the structure and stability of new β -imine complexes of copper(I) and silver(I): density functional theory versus experimental. <i>Inorganic Chemistry</i> , 2010 , 49, 8699-708	5.1	35
105	Latest developments in sample treatment for ¹⁸ O-isotopic labeling for proteomics mass spectrometry-based approaches: a critical review. <i>Talanta</i> , 2010 , 80, 1476-86	6.2	40
104	Ultrasonic multiprobe as a new tool to overcome the bottleneck of throughput in workflows for protein identification relaying on ultrasonic energy. <i>Talanta</i> , 2010 , 81, 55-62	6.2	7

103	Indirect ultrasonication for protein quantification and peptide mass mapping through mass spectrometry-based techniques. <i>Talanta</i> , 2010 , 82, 587-93	6.2	5
102	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
101	Hg ²⁺ detection by new anthracene pendant-arm derivatives of mixed N/S- and N/S/O-donor macrocycles: fluorescence, matrix-assisted laser desorption/ionization time-of-flight mass spectrometry and density functional theory studies. <i>Inorganic Chemistry</i> , 2010 , 49, 8276-86	5.1	39
100	New dinuclear nickel(II) and iron(II) complexes with a macrocyclic ligand containing a N6S2 donor-set: synthesis, structural, MALDI-TOF-MS, magnetic and spectroscopic studies. <i>Dalton Transactions</i> , 2010 , 39, 7673-83	4.3	24
99	Structural, MALDI-TOF-MS, magnetic and spectroscopic studies of new dinuclear copper(II), cobalt(II) and zinc(II) complexes containing a biomimicking EOH bridge. <i>Dalton Transactions</i> , 2010 , 39, 11654-63	4.3	15
98	Silver pyrazole complexes with tunable liquid crystals and luminescent properties. <i>New Journal of Chemistry</i> , 2010 , 34, 2766	3.6	28
97	A novel (18)O inverse labeling-based workflow for accurate bottom-up mass spectrometry quantification of proteins separated by gel electrophoresis. <i>Electrophoresis</i> , 2010 , 31, 3407-19	3.6	9
96	Influence of colloid suspensions of humic acids on the alkaline hydrolysis of N-methyl-N-nitroso-p-toluene sulfonamide. <i>International Journal of Chemical Kinetics</i> , 2010 , 42, 316-322	1.4	9
95	Analytical proteomics: an emerging field?. <i>Journal of Proteomics</i> , 2010 , 73, 1411-4	3.9	4
94	Anion sensing properties of new colorimetric chemosensors based on macrocyclic ligands bearing three nitrophenylurea groups. <i>Tetrahedron</i> , 2010 , 66, 9223-9230	2.4	45
93	Multi-agent System for Mass Spectrometry Analysis. <i>Advances in Intelligent and Soft Computing</i> , 2010 , 87-95		
92	Synthesis and characterization of novel indole-containing half-crowns as new emissive metal probes. <i>Tetrahedron Letters</i> , 2009 , 50, 4930-4933	2	20
91	Can ultrasonic energy efficiently speed (18)O-labeling of proteins?. <i>Proteomics</i> , 2009 , 9, 4974-7	4.8	7
90	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
89	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
88	Water soluble dinuclear complexes with a hexaaza macrocyclic ligand bearing four acetohydrazide groups. <i>Inorganica Chimica Acta</i> , 2009 , 362, 3454-3460	2.7	14
87	Synthesis, characterization, and fluorescence behavior of four novel macrocyclic emissive ligands containing a flexible 8-hydroxyquinoline unit. <i>Tetrahedron</i> , 2009 , 65, 6179-6188	2.4	31
86	Luminescent and chromogenic molecular probes based on polyamines and related compounds. <i>Coordination Chemistry Reviews</i> , 2009 , 253, 1353-1383	23.2	137

85	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
84	Exploiting anionic and cationic interactions with a new emissive imine-based Baphthol molecular probe. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 905-912	3.1	15
83	New chemosensors based on thiomacrocyclic-containing coumarin-343 fluoroionophore: X-ray structures and previous results on the effect of cation binding on the photophysical properties. <i>Inorganic Chemistry Communication</i> , 2009 , 12, 1128-1134	3.1	8
82	Overview on modern approaches to speed up protein identification workflows relying on enzymatic cleavage and mass spectrometry-based techniques. <i>Analytica Chimica Acta</i> , 2009 , 650, 151-9	6.6	81
81	Influence of the protein staining in the fast ultrasonic sample treatment for protein identification through peptide mass fingerprint and matrix-assisted laser desorption ionization time of flight mass spectrometry. <i>Journal of Proteome Research</i> , 2008 , 7, 2097-106	5.6	18
80	Ultrasonic energy as a new tool for fast isotopic ¹⁸ O labeling of proteins for mass spectrometry-based techniques: preliminary results. <i>Talanta</i> , 2008 , 76, 400-6	6.2	15
79	An improved clean sonoreactor-based method for protein identification by mass spectrometry-based techniques. <i>Talanta</i> , 2008 , 77, 870-875	6.2	20
78	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
77	Silver and gold luminescent metallomesogens based on pyrazole ligands. <i>Dalton Transactions</i> , 2008 , 6914-34	4.3	45
76	Neutral gold(I) metallosupramolecular compounds: synthesis and characterization, photophysical properties, and density functional theory studies. <i>Inorganic Chemistry</i> , 2008 , 47, 4952-62	5.1	26
75	A new bis(1-naphthylimino)acenaphthene compound and its Pd(II) and Zn(II) complexes: synthesis, characterization, solid-state structures and density functional theory studies on the syn and anti isomers. <i>Inorganic Chemistry</i> , 2008 , 47, 7734-44	5.1	46
74	New Oligothieryl-Imidazo-Phenanthroline Chromophores for NLO Applications. <i>Materials Science Forum</i> , 2008 , 587-588, 263-267	0.4	1
73	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
72	Synthesis, Characterization, and Photophysical Properties of 2-Hydroxybenzaldehyde [(1E)-1-pyridin-2-ylethylidene]hydrazone and Its Rhenium(I) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2008 , 2008, 2713-2720	2.3	23
71	Synthesis and characterization of novel (oligo)thienyl-imidazo-phenanthrolines as versatile conjugated systems for several optical applications. <i>Tetrahedron</i> , 2008 , 64, 9230-9238	2.4	79
70	Heteroaromatic alanine derivatives bearing (oligo)thiophene units: synthesis and photophysical properties. <i>Tetrahedron Letters</i> , 2008 , 49, 5258-5261	2	34
69	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
68	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

67	Structural and EPR studies on single-crystal and polycrystalline samples of copper(II) and cobalt(II) complexes with N2S2-based macrocyclic ligands. <i>Inorganic Chemistry</i> , 2007 , 46, 5665-72	5.1	18
66	Exploring the interaction of mercury(II) by N(2)S(2) and NS(3) anthracene-containing macrocyclic ligands: photophysical, analytical, and structural studies. <i>Inorganic Chemistry</i> , 2007 , 46, 7818-26	5.1	44
65	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
64	Sensing metal ions with two new azomethine-thiophene pincer ligands (NSN): Fluorescence and MALDI-TOF-MS applications. <i>Inorganic Chemistry Communication</i> , 2007 , 10, 925-929	3.1	22
63	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
62	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
61	Water-soluble Fluorescent Chemosensors: in Tune with Protons. <i>Springer Series on Fluorescence</i> , 2007 , 117-149	0.5	4
60	Synthesis, Characterization and Metal Ion Detection of Novel Fluoroionophores Based on Heterocyclic Substituted Alanines. <i>Sensors</i> , 2007 , 7, 2096-2114	3.8	43
59	Can sample treatments based on advanced oxidation processes assisted by high-intensity focused ultrasound be used for toxic arsenic determination in human urine by flow-injection hydride-generation atomic absorption spectrometry?. <i>Talanta</i> , 2007 , 72, 968-75	6.2	2
58	Synthesis, Complexation and Spectrofluorometric Studies of a New NS3 Anthracene-Containing Macrocyclic Ligand. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2997-3004	2.3	47
57	Specific interaction of citrate with bis(fluorophoric) bibrachial lariat aza-crown in comparison with the other components of the Krebs cycle. <i>Chemical Communications</i> , 2006 , 3824-6	5.8	29
56	Basicity and coordination properties of a new phenanthroline-based bis-macrocyclic receptor. <i>Dalton Transactions</i> , 2006 , 4000-10	4.3	29
55	Color tuning of a nickel complex with a novel N2S2 pyridine-containing macrocyclic ligand. <i>Inorganic Chemistry</i> , 2006 , 45, 1140-9	5.1	37
54	Structural and magnetic properties of a complete halide series of Ni(II) complexes with a pyridine-containing 14-membered macrocycle. <i>Inorganic Chemistry</i> , 2006 , 45, 7621-7	5.1	21
53	Metal complexes with two tri-aza, tri-oxa pendant-armed macrocyclic ligands: Synthesis, characterization, crystal structures and fluorescence studies. <i>Inorganica Chimica Acta</i> , 2006 , 359, 2383-2394	2.7	25
52	Intramolecular excimer formation and sensing behavior of new fluorimetric probes and their interactions with metal cations and barbituric acids. <i>Sensors and Actuators B: Chemical</i> , 2006 , 115, 276-286	8.5	29
51	Sample treatment for protein identification by mass spectrometry-based techniques. <i>TrAC - Trends in Analytical Chemistry</i> , 2006 , 25, 996-1005	14.6	52
50	Synthesis of four novel pendant armed macrocyclic ligands and their interaction with lanthanide(III) cations. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2006 , 32, 895-900	1.6	2

49	A zinc(II)-based receptor for ATP binding and hydrolysis. <i>Chemical Communications</i> , 2005 , 2630-2	5.8	43
48	New fluorescence PET systems based on N2S2 pyridine-anthracene-containing macrocyclic ligands. spectrophotometric, spectrofluorimetric, and metal ion binding studies. <i>Inorganic Chemistry</i> , 2005 , 44, 8105-15	5.1	59
47	Spectroscopy and coordination chemistry of a new bisnaphthalene-bisphenanthroline ligand displaying a sensing ability for metal cations. <i>Inorganic Chemistry</i> , 2005 , 44, 7449-58	5.1	51
46	One-dimensional fluorescent stacking structure based on zinc mixed-complex salt encapsulated within an Itc-like three-dimensional hydrogen-bonded water network. <i>CrystEngComm</i> , 2005 , 7, 294-296	3.3	88
45	A New ZnII Tweezer Pyridine-Naphthalene System [An Off-On-Off System Working in a Biological pH Window. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4301-4308	2.3	22
44	Fluorescent Type II Materials from Naphthylmethyl Polyamine Precursors. <i>Supramolecular Chemistry</i> , 2004 , 16, 573-580	1.8	6
43	Lanthanide(III) Complexes of Two Novel N 3 O 4 -donor Macrocycles Derived from 3,6-Dioxa-1,8-Octanediamine. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004 , 48, 151-155		4
42	Metal Ion Interaction of Two New Tritopic N2O13 Macrobicycles with B15C5 Moieties in Acetonitrile Solution. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2004 , 49, 249-258		9
41	Synthesis and Spectroscopic Characterization of Dinuclear Calcium Complexes with Oxa-Aza Macrocyclic Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 914-920	1.3	3
40	Manganese(II), Cobalt(II), and Nickel(II) Perchlorate Complexes Containing N, O Donor Macrocyclic Ligands. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2004 , 630, 1110-1115	1.3	12
39	Multistate/multifunctional behaviour of 4'-hydroxy-6-nitroflavylium: a write-lock/read/unlock/enable-erase/erase cycle driven by light and pH stimulation. <i>Chemistry - A European Journal</i> , 2004 , 10, 1519-26	4.8	23
38	Protonation and coordination properties towards Zn(II), Cd(II) and Hg(II) of a phenanthroline-containing macrocycle with an ethylamino pendant arm. <i>Dalton Transactions</i> , 2004 , 591-4	4.3	28
37	Multistate properties of 7-(N,N-diethylamino)-4'-hydroxyflavylium. An example of an unidirectional reaction cycle driven by pH. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 2802-8	3.9	32
36	A fluorescent chemosensor for Zn(II). Exciplex formation in solution and the solid state. <i>Dalton Transactions</i> , 2004 , 2180-7	4.3	44
35	A new family of NxOy pyridine-containing macrocycles: Synthesis and characterization of their Y(III), Ln(III), Zn(II), and Cd(II) coordination compounds. <i>Canadian Journal of Chemistry</i> , 2004 , 82, 437-447	0.9	27
34	Synthesis and H+, Cu2+, and Zn2+ coordination behavior of a bis(fluorophoric) bibrachial lariat aza-crown. <i>Inorganic Chemistry</i> , 2004 , 43, 6114-22	5.1	59
33	New terpyridine-containing macrocycle for the assembly of dimeric Zn(II) and Cu(II) complexes coupled by bridging hydroxide anions and pi-stacking interactions. <i>Inorganic Chemistry</i> , 2004 , 43, 5134-46	5.1	36
32	Lanthanide(III) Complexes with Pyridine Head Macrocyclic Ligands. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003 , 45, 155-160		8

31	Synthesis and characterisation of four novel N x O y -Schiff-base macrocyclic ligands and their metal complexes. <i>Transition Metal Chemistry</i> , 2003 , 28, 388-394	2.1	55
30	Potentiometric, NMR, and Fluorescence-Emission Studies on the Binding of Adenosine 5'-Triphosphate (ATP) by Open-Chain Polyamine Receptors Containing Naphthylmethyl and/or Anthrylmethyl Groups. <i>Helvetica Chimica Acta</i> , 2003 , 86, 3118-3135	2	52
29	Metal complexes with four macrocyclic ligands derived from 2,6-bis(2-formylphenoxy)methylpyridine and 1,7-bis(2'-formylphenyl)-1,4,7-trioxahheptane. <i>Inorganica Chimica Acta</i> , 2003 , 343, 133-140	2.7	23
28	Complexation of aluminum(III) by anthocyanins and synthetic flavylum salts: A source for blue and purple color. <i>Inorganica Chimica Acta</i> , 2003 , 356, 51-61	2.7	46
27	Coordination chemistry of copper(II) with oxaza macrocyclic ligands. Crystal structure of a dinuclear tetramer copper(II) complex. <i>Polyhedron</i> , 2003 , 22, 1701-1710	2.7	27
26	Multistate/multifunctional systems. A thermodynamic, kinetic, and photochemical investigation of the 4'-dimethylaminoflavylum compound. <i>Journal of the American Chemical Society</i> , 2003 , 125, 987-94	16.4	55
25	Metal complexes with a new N(4)O(3) amine pendant-armed macrocyclic ligand: synthesis, characterization, crystal structures, and fluorescence studies. <i>Inorganic Chemistry</i> , 2003 , 42, 6768-79	5.1	70
24	Energetics and Dynamics of Naphthalene Polyaminic Derivatives. Influence of Structural Design in the Balance Static vs Dynamic Excimer Formation. <i>Journal of Physical Chemistry A</i> , 2003 , 107, 11307-11318	2.8	34
23	Cu(II) and Ni(II) complexes with dipyrindine-containing macrocyclic polyamines with different binding units. <i>Dalton Transactions</i> , 2003 , 1299-1307	4.3	22
22	Intramolecular Excimer Formation in a Tripodal Polyamine Receptor Containing Three Naphthalene Fluorophores. <i>Journal of Physical Chemistry B</i> , 2003 , 107, 6573-6578	3.4	54
21	Photochromic Properties of 3-Methyl-Substituted Flavylum Salts. <i>European Journal of Organic Chemistry</i> , 2002 , 2002, 2699	3.2	25
20	Switching from intramolecular energy transfer to intramolecular electron transfer by the action of pH and Zn ²⁺ co-ordination. <i>Chemical Physics Letters</i> , 2002 , 353, 63-68	2.5	30
19	Zinc and cadmium complexes with an achiral symmetric helicand. Crystal structure of an enantiomerically pure Λ -Zn(II) monohelicate. <i>New Journal of Chemistry</i> , 2002 , 26, 1365-1370	3.6	40
18	Long Range Electron Transfer Quenching in Polyamine Chains Bearing a Terminal Naphthalene Unit. <i>Journal of Physical Chemistry A</i> , 2002 , 106, 8207-8212	2.8	45
17	Metal complexes with a chiral N ₄ symmetrical Schiff base. Crystal structures of the ligand and its Cu(II) and Ni(II) Λ -mono-helicates. <i>Dalton Transactions RSC</i> , 2002 , 870		38
16	Ground and excited state properties of polyamine chains bearing two terminal naphthalene units. <i>Perkin Transactions II RSC</i> , 2002 , 991-998		17
15	Energy transfer between polyamine chains bearing naphthalene terminal units and K ₃ [Co(CN) ₆]: an example of a molecular photoreactor. <i>Dalton Transactions RSC</i> , 2002 , 3024-3028		2
14	Lanthanide(III) perchlorate complexes of two 24 membered N ₃ O ₄ -donor macrocycles. <i>Journal of Alloys and Compounds</i> , 2001 , 323-324, 155-158	5.7	3

13	Photochemical- and pH-switching Properties of a New Photoelastic Ligand Based Upon Azobenzene. Basicity and Anion Binding. <i>Supramolecular Chemistry</i> , 2001 , 13, 277-285	1.8	12
12	Coordination properties of a polyamine cryptand with two different binding moieties. A case of a pH-modulated antenna device based on a new Eu(III) cryptate complex. <i>Inorganic Chemistry</i> , 2001 , 40, 6172-9	5.1	14
11	Exploring the photocatalytic properties and the long-lifetime chemosensor ability of Cl(2)[Ru(Bpy)(2)L] (L = 2,5,8,11,14-pentaaza[15]-2,2'-bipyridilophane). <i>Inorganic Chemistry</i> , 2001 , 40, 6813-9	5.1	22
10	Protonation and Zn(II) coordination by dipyrindine-containing macrocycles with different molecular architecture. A case of pH-controlled metal jumping outside-inside the macrocyclic cavity. <i>Inorganic Chemistry</i> , 2001 , 40, 2968-75	5.1	49
9	. <i>European Journal of Inorganic Chemistry</i> , 2000 , 2000, 1015-1024	2.3	43
8	Two hydrochlorides of 7-methyl-3,7,11,17-tetraazabicyclo[11.3.1]heptadeca-1(17),13,15-triene. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2000 , 56, E255-6		1
7	A novel fluorescent chemosensor exhibiting exciplex emission. An example of an elementary molecular machine driven by pH and by light. <i>Chemical Communications</i> , 2000 , 1639-1640	5.8	44
6	Lanthanide(III) Nitrate Complexes of Two 17 Membered N3O2-Donor Macrocycles. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 1999 , 35, 191-198		19
5	Complexes of lead(II) and lanthanide(III) ions with two novel 26-membered-imine and -amine macrocycles derived from 2,6-bis(2-formylphenoxy)methylpyridine. <i>Inorganica Chimica Acta</i> , 1998 , 267, 55-62	2.7	27
4	Ultrasonic Energy as a Tool for Sample Treatment for the Analysis of Elements and Elemental Speciation	17-54	1
3	The Power of Ultrasound	1-16	30
2	Power Ultrasound Meets Proteomics	107-127	9
1	Beyond Analytical Chemistry	129-150	1