# FranÃ§oise Chuburu

List of Publications by Year
in descending order



| 35 | 777 | 516710 16 | 501196 28 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 37 | 37 | 37 | 1176 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Hydrogels Incorporating GdDOTA: Towards Highly Efficient Dual T<sub>1</sub>/T<sub>2</sub> MRI Contrast Agents. Angewandte Chemie - International Edition, 2012, 51, 9119-9122. | 13.8 | 134 |
| 2 | Bis-aminals: efficient tools for bis-macrocycle synthesis. New Journal of Chemistry, 2001, 25, 1168-1174. | 2.8 | 101 |
| 3 | Cyclam-methylbenzimidazole: a Selective OFF-ON Fluorescent Sensor for Zinc. Inorganic Chemistry, 2011, 50, 4029-4038. | 4.0 | 56 |
| 4 | Encapsulated Ruthenium(II) Complexes in Biocompatible Poly(<scp>d,l</scp>â€lactideâ€coâ€glycolide) Nanoparticles for Application in Photodynamic Therapy. ChemPlusChem, 2014, 79, 171-180. | 2.8 | 39 |
| 5 | (Cyclenâ€“ and cyclamâ€“pyridine)copper Complexes: The Role of the Pyridine Moiety in CuII and CuI Stabilisation. European Journal of Inorganic Chemistry, 2006, 2006, 3472-3481. | 2.0 | 36 |
| 6 | Spectroscopy and Redox Behaviour of Dicopper(II) and Dinickel(II) Complexes of Bis(cyclen) and Bis(cyclam) Ligands. European Journal of Inorganic Chemistry, 2005, 2005, 2658-2668. | 2.0 | 31 |
| 7 | Tuning the composition of biocompatible Gd nanohydrogels to achieve hypersensitive dual T<sub>1</sub>/T<sub>2</sub> MRI contrast agents. Journal of Materials Chemistry B, 2014, 2, 6397-6405. | 5.8 | 29 |
| 8 | Synthesis and Characterization of PEGylated and Fluorinated Chitosans: Application to the Synthesis of Targeted Nanoparticles for Drug Delivery. Biomacromolecules, 2017, 18, 2756-2766. | 5.4 | 28 |
| 9 | Nickel(ii) complexes of cyclen- and cyclam-pyridine: topological reorganisations induced by electron transfer. New Journal of Chemistry, 2006, 30, 392. | 2.8 | 24 |
| 10 | XAS, ESR and Potentiometric Studies of Three Dinuclear N,Nâ€²-para-Xylylenebis(tetraazamacrocycle)copper(II) Complexes â^' X-ray Crystal Structure of [N,Nâ€²-p-Xylylenebis(cyclen)]copper(II). European Journal of Inorganic Chemistry, 2003, 2003, 1984-1994. | 2.0 | 23 |
| 11 | A modified cyclen azaxanthone ligand as a new fluorescent probe for Zn2+. Dalton Transactions, 2013, 42, 12157. | 3.3 | 23 |
| 12 | Evaluation of mTHPC-loaded PLGA nanoparticles for in vitro photodynamic therapy on C6 glioma cell line. Photodiagnosis and Photodynamic Therapy, 2019, 25, 448-455. | 2.6 | 23 |
| 13 | (Benzimidazolylmethyl)cyclen: A Potential Sensitive Fluorescent PET Chemosensor for Zinc. European Journal of Inorganic Chemistry, 2007, 2007, 5087-5097. | 2.0 | 22 |
| 14 | A benzimidazole functionalised DO3A chelator showing pH switchable coordination modes with lanthanide ions. Dalton Transactions, 2014, 43, 9567-9578. | 3.3 | 19 |
| 15 | Biocompatibility of Gd-Loaded Chitosan-Hyaluronic Acid Nanogels as Contrast Agents for Magnetic Resonance Cancer Imaging. Nanomaterials, 2018, 8, 201. | 4.1 | 19 |
| 16 | Characterization of Gd loaded chitosan-TPP nanohydrogels by a multi-technique approach combining dynamic light scattering (DLS), asymetrical flow-field-flow-fractionation (AF4) and atomic force microscopy (AFM) and design of positive contrast agents for molecular resonance imaging (MRI). Nanotechnology, 2017, 28, 055705. | 2.6 | 17 |
| 17 | Impact of gadolinium-based contrast agents on the growth of fish cells lines. Ecotoxicology and Environmental Safety, 2019, 182, 109385. | 6.0 | 17 |
| 18 | Development and physicochemical characterization of copper complexes-loaded PLGA nanoparticles. International Journal of Pharmaceutics, 2009, 379, 226-234. | 5.2 | 16 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | A new magnetic resonance imaging contrast agent loaded into poly(lacide-co-glycolide) nanoparticles for long-term detection of tumors. Nanotechnology, 2014, 25, 445103. | 2.6 | 15 |
| 20 | Mono- and bis-N-functionalised cyclen with benzimidazolylmethyl pendant arms: Sensitive and selective fluorescent probes for zinc and copper ions. Inorganica Chimica Acta, 2009, 362, 1169-1178. | 2.4 | 13 |
| 21 | Magnetic measurements, UVâ€“Vis spectroscopy, and XAS of dinuclear nickel(II) complexes of bistetraazamacrocycles. Polyhedron, 2005, 24, 143-150. | 2.2 | 12 |
| 22 | Biocompatible nanoparticles and gadolinium complexes for MRI applications. Comptes Rendus Chimie, 2013, 16, 531-539. | 0.5 | 11 |
| 23 | Silicon Wafer Functionalization with a Luminescent Tb(III) Coordination Complex: Synthesis, Characterization, and Application to the Optical Detection of NO in the Gas Phase. Molecules, 2019, 24, 1914. | 3.8 | 11 |
| 24 | Encapsulation of contrast imaging agents by polypropyleneimineâ€based dendrimers. Journal of Biomedical Materials Research - Part A, 2013, 101A, 613-621. | 4.0 | 10 |
| 25 | Comparison of MRI Properties between Multimeric DOTAGA and DO3A Gadolinium-Dendron Conjugates. Inorganic Chemistry, 2019, 58, 12798-12808. | 4.0 | 9 |
| 26 | In Vitro Studies Regarding the Safety of Chitosan and Hyaluronic Acid-Based Nanohydrogels Containing Contrast Agents for Magnetic Resonance Imaging. International Journal of Molecular Sciences, 2022, 23, 3258. | 4.1 | 7 |
| 27 | Vectorization of copper complexes via biocompatible and biodegradable PLGA nanoparticles. Nanotechnology, 2010, 21, 165101. | 2.6 | 6 |
| 28 | 1-(2-Methyl-5H-chromeno[2,3-b]pyridin-5-ylidene) hydrazone as fluorescent probes for selective zinc sensing in DMSO. Journal of Luminescence, 2014, 148, 202-206. | 3.1 | 6 |
| 29 | Influence of a Pyrazyl Linker on the Physicochemical Properties of Homodinuclear Bis(cyclen) and Bis(cyclam) Complexes. European Journal of Inorganic Chemistry, 2008, 2008, 4735-4744. | 2.0 | 5 |
| 30 | Biological effects induced by Gadolinium nanoparticles on Lymphocyte A20 cell line. The EuroBiotech Journal, 2017, 1, 57-64. | 1.0 | 4 |
| 31 | Synthesis and Characterization of Conjugated Hyaluronic Acids. Application to Stability Studies of Chitosan-Hyaluronic Acid Nanogels Based on Fluorescence Resonance Energy Transfer. Gels, 2022, 8, 182. | 4.5 | 4 |
| 32 | Pyclen-based Gd complex with ionisable side-chain as a contrastophore for the design of hypersensitive MRI nanoprobes: Synthesis and relaxation studies. Results in Chemistry, 2021, 3, 100237. | 2.0 | 2 |
| 33 | Fluorescent chitosan-based nanohydrogels and encapsulation of gadolinium MRI contrast agent for magneto-optical imaging. Carbohydrate Polymer Technologies and Applications, 2021, 2, 100104. | 2.6 | 1 |
| 34 | Thermodynamic and Structural Investigations on the Complexation Process of Dioxo Macrocyclic Ligands: Towards Neutral Copper Complexes at Physiological pH. European Journal of Inorganic Chemistry, 2009, 2009, 2929-2941. | 2.0 | 0 |
| 35 | Organic nanoparticles and gadolinium chelates: seeking hypersensitive probes for T1 magnetic resonance imaging. , 2019, , 425-476. | | 0 |