# Henrique Eisi Toma

List of Publications by Year
in descending order

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|---|---|---|---|
| 321<br>papers | 7,869<br>citations | 76294<br>40<br>h-index | 95218<br>68<br>g-index |
| 325<br>all docs | 325<br>docs citations | 325<br>times ranked | 7419<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent progress in water-splitting and supercapacitor electrode materials based on MOF-derived sulfides. Journal of Materials Chemistry A, 2022, 10, 430-474. | 5.2 | 54 |
| 2 | Analytical determination of gold ions based on ranelate induced nanoparticle formation. Analytical Methods, 2022, 14, 1698-1704. | 1.3 | 1 |
| 3 | Solvophobic-controlled synthesis of smart magneto-fluorescent nanostructures for real-time inspection of metallic fractures. Nanoscale Advances, 2021, 3, 3593-3604. | 2.2 | 5 |
| 4 | Recent Progress in Core@Shell Sulfide Electrode Materials for Advanced Supercapacitor Devices. Batteries and Supercaps, 2021, 4, 1397-1427. | 2.4 | 20 |
| 5 | A luminescent boron difluoride derivative of the YELLOW 101 dye. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2021, 261, 119997. | 2.0 | 1 |
| 6 | Overcoming lithium analysis difficulties with a simple colorimetric/spectrophotometric method. Analytical Methods, 2021, 13, 3627-3631. | 1.3 | 3 |
| 7 | Microscale Educational Kits for Learning Chemistry at Home. Journal of Chemical Education, 2021, 98, 3841-3851. | 1.1 | 8 |
| 8 | Langmuir Isotherms for Functionalized Superparamagnetic Nanoparticles with Cobalt(II) Ions Based on Zeta Potentials. ACS Applied Nano Materials, 2020, 3, 452-458. | 2.4 | 5 |
| 9 | Photoinduced electron transfer dynamics of AuNPs and Au@PdNPs supported on graphene oxide probed by dark-field hyperspectral microscopy. Dalton Transactions, 2020, 49, 16296-16304. | 1.6 | 7 |
| 10 | 1,3,4-Oxadiazole based ruthenium amphiphile for Langmuir-Blodgett films and photo-responsive logic gate construction. Electrochimica Acta, 2020, 350, 136350. | 2.6 | 2 |
| 11 | Room temperature synthesis and Raman spectral evidence of carbon bond ranelateâ€“gold nanoparticles. Journal of Raman Spectroscopy, 2020, 51, 1083-1091. | 1.2 | 2 |
| 12 | Magnetic Nanohydrometallurgy Applied to Lanthanide Separation. Minerals (Basel, Switzerland), 2020, 10, 530. | 0.8 | 7 |
| 13 | Intriguing Plasmonic and Fluorescence Duality in Copper Nanoparticles. Plasmonics, 2020, 15, 1213-1219. | 1.8 | 3 |
| 14 | Lipophilic magnetite nanoparticles coated with stearic acid: A potential green and low cost way to improve thermal stability and tribological properties of fully formulated low viscosity engine oils. Tribology International, 2020, 146, 106209. | 3.0 | 7 |
| 15 | Chemistry of ternary monocarboxyterpyridine-bipyridine-trimercaptotriazine ruthenium complexes and application in dye sensitized solar cells. Polyhedron, 2020, 182, 114513. | 1.0 | 4 |
| 16 | Trimetallic oxides/hydroxides as hybrid supercapacitor electrode materials: a review. Journal of Materials Chemistry A, 2020, 8, 10534-10570. | 5.2 | 151 |
| 17 | Lanthanide ion processing from monazite based on magnetic nanohydrometallurgy. Hydrometallurgy, 2019, 189, 105138. | 1.8 | 9 |
| 18 | Functionalized nanoparticles as adjuvant to increase the cytotoxicity of metallodrugs toward tumor cells. New Journal of Chemistry, 2019, 43, 386-398. | 1.4 | 10 |

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| 19 | GO composite encompassing a tetraruthenated cobalt porphyrin-Ni coordination polymer and its behavior as isoniazid BIA sensor. Electrochimica Acta, 2019, 300, 113-122. | 2.6 | 25 |
| 20 | Effects of a strong Ï€-accepting ancillary ligand on the water oxidation activity of weakly coupled binuclear ruthenium catalysts. Dalton Transactions, 2019, 48, 3009-3017. | 1.6 | 6 |
| 21 | Magnetic behavior of superparamagnetic nanoparticles containing chelated transition metal ions. Journal of Magnetism and Magnetic Materials, 2019, 487, 165324. | 1.0 | 11 |
| 22 | Exploring the metallochromic behavior of pentacyanidoferrates in visual, electronic and Raman spot tests. Anais Da Academia Brasileira De Ciencias, 2019, 91, e20180315. | 0.3 | 2 |
| 23 | SERS-active carboxymethyl cellulose-based gold nanoparticles: high-stability in hypersaline solution and selective response in the Hofmeister series. New Journal of Chemistry, 2019, 43, 8093-8100. | 1.4 | 4 |
| 24 | On the Amazing Reactivity of the Ranelate Ion: New Applications of an Old Antiosporotic Drug. ChemistrySelect, 2019, 4, 13926-13931. | 0.7 | 5 |
| 25 | A new ferrous diflunisal complex and its effects on biopools of labile iron. Journal of Trace Elements in Medicine and Biology, 2019, 51, 65-72. | 1.5 | 2 |
| 26 | Nano-Strategies in Analytical Chemistry. Brazilian Journal of Analytical Chemistry, 2019, 5, 7-8. | 0.3 | 0 |
| 27 | Unusual Photooxidation of S-Bonded Mercaptopyridine in a Mixed Ligand Ruthenium(II) Complex with Terpyridine and Bipyridine Ligands. Inorganic Chemistry, 2018, 57, 4898-4905. | 1.9 | 14 |
| 28 | Can in vivo surface dental enamelmicrobiopsies be used to measure remote lead exposure?. Environmental Science and Pollution Research, 2018, 25, 9322-9329. | 2.7 | 3 |
| 29 | Photocatalytic Activity of Reduced Graphene Oxideâ€“Gold Nanoparticle Nanomaterials: Interaction with Asphaltene and Conversion of a Model Compound. Energy & Fuels, 2018, 32, 2673-2680. | 2.5 | 14 |
| 30 | Spectroelectrochemical study of the lithium insertion in vanadium(V) oxide xerogels. Electrochimica Acta, 2018, 278, 236-244. | 2.6 | 2 |
| 31 | A nano-magnetic electrochemical sensor for the determination of mood disorder related substances. RSC Advances, 2018, 8, 14040-14047. | 1.7 | 28 |
| 32 | One-pot single step to label microtubule with MPA-capped CdTe quantum dots. Micron, 2018, 108, 19-23. | 1.1 | 3 |
| 33 | On the effect of TiO 2 nanocrystallites over the plasmonic photodegradation by Au nanoparticles. Journal of Raman Spectroscopy, 2018, 49, 1953-1960. | 1.2 | 8 |
| 34 | Superparamagnetic Maghemite-Based CdTe Quantum Dots as Efficient Hybrid Nanoprobes for Water-Bath Magnetic Particle Inspection. ACS Applied Nano Materials, 2018, 1, 2858-2868. | 2.4 | 16 |
| 35 | Extraction of Dysprosium Ions with DTPA Functionalized Superparamagnetic Nanoparticles Probed by Energy Dispersive X-ray Fluorescence and TEM/High-Angle Annular Dark Field Imaging. Journal of Nanoscience and Nanotechnology, 2018, 18, 4155-4159. | 0.9 | 4 |
| 36 | Electrostatic bending and outer-sphere intervalence transfer in a flexible ligand-bridged ruthenium(III)-iron(II) complex. Journal of Coordination Chemistry, 2018, 71, 1778-1790. | 0.8 | 0 |

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| 37 | Effect of Gold Nanoparticles and Unwanted Residues on Raman Spectra of Graphene Sheets. Brazilian Journal of Physics, 2018, 48, 477-484. | 0.7 | 3 |
| 38 | Thiosemicarbazone@Gold nanoparticle hybrid as selective SERS substrate for Hg2+ ions. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 174-179. | 2.0 | 8 |
| 39 | Probing the dynamics of dithiooxamide coordinated to gold nanoparticles using SERS. Journal of Raman Spectroscopy, 2018, 49, 1478-1486. | 1.2 | 8 |
| 40 | Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. European Journal of Inorganic Chemistry, 2017, 2017, 768-768. | 1.0 | 2 |
| 41 | Electrocatalytic activity in sensing of nitrite by films produced by electropolymerization of [Fe(Br-ph-tpy)<sub>2</sub>]<sup>2+</sup>. Journal of Coordination Chemistry, 2017, 70, 1137-1145. | 0.8 | 3 |
| 42 | Magnetite Nanoparticles Bonded Carbon Quantum Dots Magnetically Confined onto Screen Printed Carbon Electrodes and their Performance as Electrochemical Sensor for NADH. Electroanalysis, 2017, 29, 1968-1975. | 1.5 | 29 |
| 43 | Controlled Synthesis of Nanomaterials at the Undergraduate Laboratory: Cu(OH)<sub>2</sub> and CuO Nanowires. Journal of Chemical Education, 2017, 94, 743-750. | 1.1 | 19 |
| 44 | Lipophilic magnetite nanoparticles coated with stearic acid: A potential agent for friction and wear reduction. Tribology International, 2017, 112, 10-19. | 3.0 | 29 |
| 45 | The SERS effect in coordination chemistry. Coordination Chemistry Reviews, 2017, 333, 108-131. | 9.5 | 30 |
| 46 | Electrostatic blocking barrier as an effective strategy to inhibit electron recombination in DSSCs. Electrochimica Acta, 2017, 255, 92-98. | 2.6 | 18 |
| 47 | Gold Nanohole Arrays Fabricated by Interference Lithography Technique as SERS Probes for Chemical Species Such As Rhodamine 6G and 4,4â€²-Bipyridine. Plasmonics, 2017, 12, 1015-1020. | 1.8 | 15 |
| 48 | CoTRP/Graphene oxide composite as efficient electrode material for dissolved oxygen sensors. Electrochimica Acta, 2016, 222, 1682-1690. | 2.6 | 19 |
| 49 | Dolomitized cells within chert of the Permian AssistÃªncia Formation, ParanÃ¡ Basin, Brazil. Sedimentary Geology, 2016, 335, 120-135. | 1.0 | 17 |
| 50 | High performance electrochemical sensors for dopamine and epinephrine using nanocrystalline carbon quantum dots obtained under controlled chronoamperometric conditions. Electrochimica Acta, 2016, 209, 464-470. | 2.6 | 95 |
| 51 | Catalytic Water-Oxidation Activity of a Weakly Coupled Binuclear Ruthenium Polypyridyl Complex. European Journal of Inorganic Chemistry, 2016, 2016, 5547-5556. | 1.0 | 18 |
| 52 | Accessing the charge separation effects in dye-sensitized solar cells based on a vectorial planning of supramolecular ruthenium dyes. Inorganica Chimica Acta, 2016, 453, 764-770. | 1.2 | 6 |
| 53 | Introducing Environmental and Sustainable Chemistry Topics Using a Nanotechnology Approach: Removing Hazardous Metal Ions by Means of Humic-Acid-Modified Superparamagnetic Nanoparticles. Journal of Chemical Education, 2016, 93, 1929-1934. | 1.1 | 11 |
| 54 | Efficient electrochemical biosensors for ethynylestradiol based on the laccase enzyme supported on single walled carbon nanotubes decorated with nanocrystalline carbon quantum dots. Analytical Methods, 2016, 8, 7254-7259. | 1.3 | 23 |

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| 55 | Electrode materials based on Î±-NiCo(OH)<sub>2</sub> and rGO for high performance energy storage devices. RSC Advances, 2016, 6, 102504-102512. | 1.7 | 28 |
| 56 | Simultaneous determination of acetaminophen and tyrosine using a glassy carbon electrode modified with a tetraruthenated cobalt(II) porphyrin intercalated into a smectite clay. Mikrochimica Acta, 2016, 183, 3243-3253. | 2.5 | 24 |
| 57 | Detection of Plasmon Coupling between Silver Nanowires Based on Hyperspectral Darkfield and SERS Imaging and Supported by DDA Theoretical Calculations. ChemPhysChem, 2016, 17, 463-467. | 1.0 | 8 |
| 58 | Bovine glutamate dehydrogenase immobilization on magnetic nanoparticles: conformational changes and catalysis. RSC Advances, 2016, 6, 12977-12992. | 1.7 | 7 |
| 59 | Neodymium(III) and lanthanum(III) separation by magnetic nanohydrometallurgy using DTPA functionalized magnetite nanoparticles. Hydrometallurgy, 2016, 161, 22-28. | 1.8 | 40 |
| 60 | Enlightening the synergic effect of anatase/rutile mixtures in solar cells. Electrochimica Acta, 2016, 188, 523-528. | 2.6 | 14 |
| 61 | Effect of silver nanoparticle and TiO2 coatings on biofilm formation on four types of modern glass. International Biodeterioration and Biodegradation, 2016, 108, 175-180. | 1.9 | 15 |
| 62 | Lipase immobilized on polydopamine-coated magnetite nanoparticles for biodiesel production from soybean oil. Biofuel Research Journal, 2016, 3, 403-409. | 7.2 | 50 |
| 63 | Ultrasmall cationic superparamagnetic iron oxide nanoparticles as nontoxic and efficient MRI contrast agent and magnetic-targeting tool. International Journal of Nanomedicine, 2015, 10, 4731. | 3.3 | 24 |
| 64 | Association of Yeast Alcohol Dehydrogenase with Superparamagnetic Nanoparticles: Improving the Enzyme Stability and Performance. Journal of Nanoscience and Nanotechnology, 2015, 15, 9482-9487. | 0.9 | 3 |
| 65 | Gold nanoparticles functionalised with Ru-dicarboxybipyridine-trimercaptotriazine: SERS effect and application in plasmonic dye solar cells. International Journal of Nanotechnology, 2015, 12, 263. | 0.1 | 2 |
| 66 | Unraveling the nature of Turkevich gold nanoparticles: the unexpected role of the dicarboxyketone species. RSC Advances, 2015, 5, 5716-5724. | 1.7 | 30 |
| 67 | Association of Pseudomonas putida formaldehyde dehydrogenase with superparamagnetic nanoparticles: an effective way of improving the enzyme stability, performance and recycling. New Journal of Chemistry, 2015, 39, 2162-2167. | 1.4 | 6 |
| 68 | Magnetic nanohydrometallurgy: a nanotechnological approach to elemental sustainability. Green Chemistry, 2015, 17, 2027-2041. | 4.6 | 23 |
| 69 | Unveiling the Structure of Polytetraruthenated Nickel Porphyrin by Raman Spectroelectrochemistry. Langmuir, 2015, 31, 4351-4360. | 1.6 | 19 |
| 70 | Surface Enhanced Raman Spectroelectrochemistry of a Î¼-Oxo Triruthenium Acetate Cluster: An Experimental and Theoretical Approach. Inorganic Chemistry, 2015, 54, 9656-9663. | 1.9 | 6 |
| 71 | Spectroscopic and electrochemical behavior of a supramolecular tetrapyridylporphyrin encompassing four terpyridine(oxalate)chloridoruthenium(II) complexes and its use in nitrite sensors. Inorganica Chimica Acta, 2015, 437, 127-132. | 1.2 | 5 |
| 72 | Pushing the surface-enhanced Raman scattering analyses sensitivity by magnetic concentration: A simple non coreâ€“shell approach. Analytica Chimica Acta, 2015, 855, 70-75. | 2.6 | 24 |

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| 73 | Hyperspectral dark-field microscopy of gold nanodisks. Micron, 2015, 69, 15-20. | 1.1 | 19 |
| 74 | Probing surfaceâ^'complex interactions with the bis(4-thienylterpyridine)iron(II) complex anchored on TiO<sub>2</sub> and gold nanoparticles. Canadian Journal of Chemistry, 2014, 92, 918-924. | 0.6 | 5 |
| 75 | Non-innocent behavior of 1-(2â€²-pyridylazo)-2-naphtholate coordinated to polypyridine ruthenium(II) complexes. Journal of Coordination Chemistry, 2014, 67, 3311-3323. | 0.8 | 0 |
| 76 | Ruthenium Acetate Cluster Amphiphiles and Their Langmuirâ€“Blodgett Films for Electrochromic Switching Devices. European Journal of Inorganic Chemistry, 2014, 2014, 1150-1157. | 1.0 | 9 |
| 77 | Silver recovery using electrochemically active magnetite coated carbon particles. Hydrometallurgy, 2014, 147-148, 241-245. | 1.8 | 23 |
| 78 | SERS studies of isolated and agglomerated gold nanoparticles functionalized with a dicarboxybipyridineâ€trimercaptotriazineâ€ruthenium dye. Journal of Raman Spectroscopy, 2014, 45, 758-763. | 1.2 | 6 |
| 79 | Anisotropic magnetic carbon materials based on graphite and magnetite nanoparticles. Carbon, 2014, 77, 600-606. | 5.4 | 6 |
| 80 | On the behavior of the carboxyphenylterpyridine(8-quinolinolate) thiocyanatoruthenium(II) complex as a new black dye in TiO2 solar cells modified with carboxymethyl-beta-cyclodextrin. Inorganic Chemistry Communication, 2013, 36, 35-38. | 1.8 | 10 |
| 81 | Developing nanotechnological strategies for green industrial processes. Pure and Applied Chemistry, 2013, 85, 1655-1669. | 0.9 | 12 |
| 82 | How relevant can the SERS effect in isolated nanoparticles be?. RSC Advances, 2013, 3, 24465. | 1.7 | 9 |
| 83 | Thermodynamic stabilization of nanostructured alpha-Ni1â^'xCox(OH)2 for high efficiency batteries and devices. RSC Advances, 2013, 3, 20261. | 1.7 | 10 |
| 84 | New tunable ruthenium complex dyes for TiO2 solar cells. Inorganica Chimica Acta, 2013, 404, 23-28. | 1.2 | 27 |
| 85 | CO2Complexation and Activation by a Trost-Bis(ProPhenol)Cobalt Complex. European Journal of Inorganic Chemistry, 2013, 2013, 5826-5830. | 1.0 | 7 |
| 86 | Control of Cytolocalization and Mechanism of Cell Death by Encapsulation of a Photosensitizer. Journal of Biomedical Nanotechnology, 2013, 9, 1307-1317. | 0.5 | 18 |
| 87 | Hybrid Scaffolds Built From PET and Collagen as a Model For Vascular Graft Architecture. Macromolecular Bioscience, 2012, 12, 1660-1670. | 2.1 | 26 |
| 88 | Electrochemically activated coordenative assembly of a triruthenium cluster metallopolymer. Electrochimica Acta, 2012, 66, 287-294. | 2.6 | 11 |
| 89 | Exploring the coordination chemistry of isomerizable terpyridine derivatives for successful analyses of cis and trans isomers by travelling wave ion mobility mass spectrometry. Analyst, The, 2012, 137, 4045. | 1.7 | 22 |
| 90 | Unraveling the Mysterious Role of Palladium in Feigl bis(dimethylglyoximate)nickel(II) Spot Tests by Means of Confocal Raman Microscopy. Analytical Chemistry, 2012, 84, 3067-3069. | 3.2 | 5 |

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|---|---|---|---|
| 91 | 5-(1-(4-phenyl)-3-(4-nitrophenyl)triazene)-10,15,20-triphenylporphyrin: a new triazene-porphyrin dye and its spectroelectrochemical properties. Journal of Porphyrins and Phthalocyanines, 2012, 16, 200-209. | 0.4 | 11 |
| 92 | Correlation of photodynamic activity and singlet oxygen quantum yields in two series of hydrophobic monocationic porphyrins. Journal of Porphyrins and Phthalocyanines, 2012, 16, 55-63. | 0.4 | 15 |
| 93 | Magnetic nanohydrometallurgy: A promising nanotechnological approach for metal production and recovery using functionalized superparamagnetic nanoparticles. Hydrometallurgy, 2012, 125-126, 148-151. | 1.8 | 26 |
| 94 | Highly stabilized alpha-NiCo(OH)2 nanomaterials for high performance device application. Journal of Power Sources, 2012, 218, 1-4. | 4.0 | 48 |
| 95 | Graphene modification with gold nanoparticles using the gas aggregation technique. Diamond and Related Materials, 2012, 23, 18-22. | 1.8 | 3 |
| 96 | Improving the catalytic activity of formate dehydrogenase from Candida boidinii by using magnetic nanoparticles. Journal of Molecular Catalysis B: Enzymatic, 2012, 84, 136-143. | 1.8 | 21 |
| 97 | Resolution of isomeric multiâ€ruthenated porphyrins by travelling wave ion mobility mass spectrometry. Rapid Communications in Mass Spectrometry, 2012, 26, 263-268. | 0.7 | 18 |
| 98 | Protomers: formation, separation and characterization via travelling wave ion mobility mass spectrometry. Journal of Mass Spectrometry, 2012, 47, 712-719. | 0.7 | 102 |
| 99 | Influence of the relative amounts of crystalline and amorphous phases on the mechanical properties of polyamideâ€6 nanocomposites. Journal of Applied Polymer Science, 2012, 125, 3239-3249. | 1.3 | 12 |
| 100 | Direct assembly of a metallodendrimer encompassing seven triruthenium clusters units. Inorganica Chimica Acta, 2012, 390, 148-153. | 1.2 | 12 |
| 101 | Evaluation of Sun Protection Factor of Cosmetic Formulations by a Simple Visual In Vitro Method Mimicking the In Vivo Method. Journal of Pharmaceutical Sciences, 2012, 101, 726-732. | 1.6 | 5 |
| 102 | N3-Dye-Induced Visible Laser Anatase-to-Rutile Phase Transition on Mesoporous TiO<sub>2</sub> Films. Langmuir, 2011, 27, 9094-9099. | 1.6 | 15 |
| 103 | Direct use of superparamagnetic nanoparticles as electrode modifiers for the analysis of mercury ions from aqueous solution and crude petroleum samples. Journal of Electroanalytical Chemistry, 2011, 661, 72-76. | 1.9 | 12 |
| 104 | Triangular ruthenium acetate clusters containing the bis(pyridyl)propane ligand and their inclusion chemistry with Î²-cyclodextrin. Transition Metal Chemistry, 2011, 36, 775-783. | 0.7 | 2 |
| 105 | New insights on surfaceâ€enhanced Raman scattering based on controlled aggregation and spectroscopic studies, DFT calculations and symmetry analysis for 3,6â€bisâ€2â€pyridylâ€1,2,4,5â€tetrazine adsorbed onto citrateâ€stabilized gold nanoparticles. Journal of Raman Spectroscopy, 2011, 42, 644-652. | 1.2 | 17 |
| 106 | Supramolecular Approach to Gold Nanoparticle/Triruthenium Cluster Hybrid Materials and Interfaces. European Journal of Inorganic Chemistry, 2011, 2011, 1640-1648. | 1.0 | 13 |
| 107 | Superparamagnetic Carbon Electrodes: A Versatile Approach for Performing Magnetic Coupled Electrochemical Analysis of Mercury Ions. Electroanalysis, 2011, 23, 2569-2573. | 1.5 | 8 |
| 108 | Magnetic coupled electrochemistry: Exploring the use of superparamagnetic nanoparticles for capturing, transporting and concentrating trace amounts of analytes. Electrochemistry Communications, 2011, 13, 72-74. | 2.3 | 15 |

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|---|---|---|---|
| 109 | Fast and reliable analyses of sulphite in fruit juices using a supramolecular amperometric detector encompassing in flow gas diffusion unit. Food Chemistry, 2011, 127, 249-255. | 4.2 | 25 |
| 110 | Catalytic properties of thioredoxin immobilized on superparamagnetic nanoparticles. Journal of Inorganic Biochemistry, 2011, 105, 738-744. | 1.5 | 13 |
| 111 | Reliable and fast sensor for in vitro evaluation of solar protection factor based on the photobleaching kinetics of a nanocrystalline TiO2/dye UV-dosimeter. Sensors and Actuators B: Chemical, 2011, 156, 325-331. | 4.0 | 3 |
| 112 | A New Insight on the Preparation of Stabilized Alpha-Nickel Hydroxide Nanoparticles. Journal of Nanoscience and Nanotechnology, 2011, 11, 3985-3996. | 0.9 | 28 |
| 113 | Sensing hazardous metal ions using a fluoroionophore calix[4]arene species containing two 8-oxyquinoline groups. Canadian Journal of Chemistry, 2011, 89, 562-567. | 0.6 | 5 |
| 114 | Enzymatic kinetic resolution of (RS)-1-(Phenyl)ethanols by Burkholderia cepacia lipase immobilized on magnetic nanoparticles. Journal of the Brazilian Chemical Society, 2010, 21, 1537-1542. | 0.6 | 21 |
| 115 | Kinetic resolution of a drug precursor by Burkholderia cepacia lipase immobilized by different methodologies on superparamagnetic nanoparticles. Journal of Molecular Catalysis B: Enzymatic, 2010, 66, 55-62. | 1.8 | 50 |
| 116 | Confocal Raman and electronic microscopy studies on the topotactic conversion of calcium carbonate from Pomacea lineate shells into hydroxyapatite bioceramic materials in phosphate media. Micron, 2010, 41, 983-989. | 1.1 | 34 |
| 117 | Vanadium oxide-porphyrin nanocomposites as gas sensor interfaces for probing low water content in ethanol. Sensors and Actuators B: Chemical, 2010, 146, 61-68. | 4.0 | 37 |
| 118 | Probing the electronic delocalization in a cyclic pyrazine ruthenium cluster hexamer. Inorganic Chemistry Communication, 2010, 13, 1032-1035. | 1.8 | 10 |
| 119 | Polymethine cyanine dyes in Î²â€cyclodextrin solution: multiple equilibria and chemical oxidation. Journal of Physical Organic Chemistry, 2010, 23, 893-903. | 0.9 | 23 |
| 120 | The coordination chemistry at gold nanoparticles. Journal of the Brazilian Chemical Society, 2010, 21, 1158-1176. | 0.6 | 98 |
| 121 | Electrocatalytic oxidation of methanol by the [Ru3O(OAc)6(py)2(CH3OH)]3+cluster: improving the metal-ligand electron transfer by accessing the higher oxidation states of a multicentered system. Quimica Nova, 2010, 33, 2046-2050. | 0.3 | 4 |
| 122 | Surface Enhanced Raman Scattering Spot Tests: A New Insight on Feiglâ€™s Analysis Using Gold Nanoparticles. Analytical Chemistry, 2010, 82, 9146-9149. | 3.2 | 47 |
| 123 | Probing magnetic and gold nanoparticles by using MACleversÂ® as ultrasensitive sensors. Nanoscale, 2010, 2, 2583. | 2.8 | 1 |
| 124 | Singlet oxygen quantum yields (Î¦d) in water using beetroot extract and an array of LEDs. Journal of the Brazilian Chemical Society, 2009, 20, 31-36. | 0.6 | 31 |
| 125 | Electronic conduction and electrocatalysis by supramolecular tetraruthenated copper porphyrazine films. Journal of the Brazilian Chemical Society, 2009, 20, 728-736. | 0.6 | 3 |
| 126 | Preparation and characterization of colloidal Ni(OH)2/bentonite composites. Materials Research Bulletin, 2009, 44, 970-976. | 2.7 | 19 |

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| 127 | A new micro/nanoencapsulated porphyrin formulation for PDT treatment. International Journal of Pharmaceutics, 2009, 376, 76-83. | 2.6 | 46 |
| 128 | Enantioselective transesterification catalysis by Candida antarctica lipase immobilized on superparamagnetic nanoparticles. Tetrahedron: Asymmetry, 2009, 20, 2299-2304. | 1.8 | 44 |
| 129 | Probing the binding of tetraplatinum(pyridyl)porphyrin complexes to DNA by means of surface plasmon resonance. Journal of Inorganic Biochemistry, 2009, 103, 182-189. | 1.5 | 35 |
| 130 | Investigation of interfacial processes at tetraruthenated zinc porphyrin films using electrochemical surface plasmon resonance and electrochemical quartz crystal microbalance. Electrochimica Acta, 2009, 54, 2971-2976. | 2.6 | 6 |
| 131 | Can mass dissociation patterns of transitionâ€metal complexes be predicted from electrochemical data?. Journal of Mass Spectrometry, 2009, 44, 361-367. | 0.7 | 9 |
| 132 | Unravelling the Chemical Morphology of a Mesoporous Titanium Dioxide Interface by Confocal Raman Microscopy: New Clues for Improving the Efficiency of Dye Solar Cells and Photocatalysts. Langmuir, 2009, 25, 11269-11271. | 1.6 | 30 |
| 133 | Synthesis and characterization of the [Ru3O(CH3COO)6(py)2(BPE)Ru(bpy)2Cl](PF6)2 dimer. Transition Metal Chemistry, 2008, 33, 1059-1065. | 0.7 | 5 |
| 134 | A Convergent Approach for the Generation of Dendrimers Containing the Â[Ru<sub>3</sub>O(CH<sub>3</sub>COO)<sub>6</sub>] Electroactive Core. European Journal of Inorganic Chemistry, 2008, 2008, 2266-2271. | 1.0 | 22 |
| 135 | Catalytic oxidation of hydrocarbons by trinuclear Î¼-oxo-bridged ruthenium-acetate clusters: Radical versus non-radical mechanisms. Journal of Catalysis, 2008, 260, 188-192. | 3.1 | 21 |
| 136 | New hydrazine sensors based on electropolymerized meso-tetra(4-sulphonatephenyl)porphyrinate manganese(III)/silver nanomaterial. Talanta, 2008, 74, 730-735. | 2.9 | 31 |
| 137 | Contrasting photoelectrochemical behaviour of two isomeric supramolecular dyes based on meso-tetra(pyridyl)porphyrin incorporating four (Î¼3-oxo)- triruthenium(iii) clusters. New Journal of Chemistry, 2008, 32, 1167. | 1.4 | 23 |
| 138 | Ultrasensitive SERS Nanoprobes for Hazardous Metal Ions Based on Trimercaptotriazine-Modified Gold Nanoparticles. Inorganic Chemistry, 2008, 47, 2934-2936. | 1.9 | 117 |
| 139 | Controlled Stabilization and Flocculation of Gold Nanoparticles by Means of 2-Pyrazin-2-ylethanethiol and Pentacyanidoferrate(II) Complexes. European Journal of Inorganic Chemistry, 2007, 2007, 3356-3364. | 1.0 | 27 |
| 140 | Vibrational spectra and theoretical studies of tautomerism and hydrogen bonding in the violuric acid and 6-amino-5-nitrosouracil system. Vibrational Spectroscopy, 2007, 44, 133-141. | 1.2 | 25 |
| 141 | Determination of n-octanol/water partition and membrane binding of cationic porphyrins. International Journal of Pharmaceutics, 2007, 329, 12-18. | 2.6 | 91 |
| 142 | Fluorescent tetraruthenated porphyrins embedded in monolithic SiO2 gels by the solâ€“gel process. Journal of Colloid and Interface Science, 2007, 305, 264-269. | 5.0 | 9 |
| 143 | Interaction of cationic meso-porphyrins with liposomes, mitochondria and erythrocytes. Journal of Bioenergetics and Biomembranes, 2007, 39, 175-185. | 1.0 | 100 |
| 144 | Electrospray Ionization Tandem Mass Spectrometry of Polymetallic Î¼-Oxo- and Carboxylate-Bridged [Ru3O(CH3COO)6(Py)2(L)]+Complexes:Â Intrinsic Ligand (L) Affinities with Direct Access to Steric Effects. Organometallics, 2006, 25, 3245-3250. | 1.1 | 22 |

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