Tito Trindade

List of Publications by Year in Descending Order

307 papers	9,940 citations	50 h-index	87 g-index
331 ext. papers	11,003 ext. citations	5.3 avg, IF	6.33 L-index

#	Paper	IF	Citations
307	Corrole-gold nanoparticles: Synthesis, ground and excited state solvation. *Dyes and Pigments*, **2022**, 110108	4.6	
306	Carbamazepine polymorphism: A re-visitation using Raman imaging.. *International Journal of Pharmaceutics*, **2022**, 617, 121632	6.5	0
305	Metal-dendrimer hybrid nanomaterials for sensing applications. *Coordination Chemistry Reviews*, **2022**, 460, 214483	23.2	2
304	Quantum dot phthalocyanine non-covalent assemblies □A review. *Dyes and Pigments*, **2021**, 109931	4.6	1
303	Dendrimer stabilized nanoalloys for inkjet printing of surface-enhanced Raman scattering substrates.. *Journal of Colloid and Interface Science*, **2021**, 612, 342-354	9.3	1
302	Complex cellular environments imaged by SERS nanoprobes using sugars as an all-in-one vector. *Journal of Materials Chemistry B*, **2021**, 9, 9285-9294	7.3	0
301	Dissolution of Ag Nanoparticles in Agricultural Soils and Effects on Soil Exoenzyme Activities. *Environments - MDPI*, **2021**, 8, 22	3.2	2
300	Inkjet Printing of Ag and Polystyrene Nanoparticle Emulsions for the One-Step Fabrication of Hydrophobic Paper-Based Surface-Enhanced Raman Scattering Substrates. *ACS Applied Nano Materials*, **2021**, 4, 4484-4495	5.6	6
299	On the efficient removal, regeneration and reuse of quaternary chitosan magnetite nanosorbents for glyphosate herbicide in water. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105189	6.8	10
298	Encapsulation of glycosylated porphyrins in silica nanoparticles to enhance the efficacy of cancer photodynamic therapy. *Materials Advances*, **2021**, 2, 1613-1620	3.3	0
297	Water softening using graphene oxide/biopolymer hybrid nanomaterials. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105045	6.8	2
296	Enhanced Removal of Non-Steroidal Inflammatory Drugs from Water by Quaternary Chitosan-Based Magnetic Nanosorbents. *Coatings*, **2021**, 11, 964	2.9	5
295	Graphene Oxide and Graphene Quantum Dots as Delivery Systems of Cationic Porphyrins: Photo-Antiproliferative Activity Evaluation towards T24 Human Bladder Cancer Cells. *Pharmaceutics*, **2021**, 13,	6.4	2
294	Colloidal dendritic nanostructures of gold and silver for SERS analysis of water pollutants. *Journal of Molecular Liquids*, **2021**, 337, 116608	6	8
293	The Interactions of HTMPyP, Analogues and Its Metal Complexes with DNA G-Quadruplexes-An Overview. *Biomolecules*, **2021**, 11,	5.9	1
292	Carbon-based heterogeneous photocatalysts for water cleaning technologies: a review. *Environmental Chemistry Letters*, **2021**, 19, 643-668	13.3	13
291	Improved ionic-liquid-functionalized macroporous supports able to purify nucleic acids in one step. *Materials Today Bio*, **2020**, 8, 100086	9.9	1

290	Surface-Enhanced Raman Scattering due to a Synergistic Effect on ZnS and Graphene Oxide. *Journal of Physical Chemistry C*, **2020**, 124, 12742-12751	3.8	6
289	An integrated approach to assess the sublethal effects of colloidal gold nanorods in tadpoles of Xenopus laevis. *Journal of Hazardous Materials*, **2020**, 400, 123237	12.8	3
288	Effects of Amorphous Silica Nanopowders on the Avoidance Behavior of Five Soil Species-A Screening Study. *Nanomaterials*, **2020**, 10,	5.4	7
287	Recovery of immunoglobulin G from rabbit serum using κ-carrageenan-modified hybrid magnetic nanoparticles. *International Journal of Biological Macromolecules*, **2020**, 150, 914-921	7.9	5
286	Effects of gold nanoparticles in gilthead seabream-A proteomic approach. *Aquatic Toxicology*, **2020**, 221, 105445	5.1	4
285	Design of Multifunctional Titania-Based Photocatalysts by Controlled Redox Reactions. *Materials*, **2020**, 13,	3.5	1
284	Composites of Biopolymers and ZnO NPs for Controlled Release of Zinc in Agricultural Soils and Timed Delivery for Maize. *ACS Applied Nano Materials*, **2020**, 3, 2134-2148	5.6	17
283	Magnetic Driven Nanocarriers for pH-Responsive Doxorubicin Release in Cancer Therapy. *Molecules* , **2020**, 25,	4.8	16
282	Biological effects and bioaccumulation of gold in gilthead seabream (Sparus aurata) - Nano versus ionic form. *Science of the Total Environment*, **2020**, 716, 137026	10.2	3
281	Can water remediated by manganese spinel ferrite nanoparticles be safe for marine bivalves?. *Science of the Total Environment*, **2020**, 723, 137798	10.2	8
280	Dendrimer-Based Gold Nanostructures for SERS Detection of Pesticides in Water. *European Journal of Inorganic Chemistry*, **2020**, 2020, 1153-1162	2.3	3
279	Effects of single and combined exposures of gold (nano versus ionic form) and gemfibrozil in a liver organ culture of Sparus aurata. *Marine Pollution Bulletin*, **2020**, 160, 111665	6.7	2
278	Biofunctional Polymer Coated Au Nanoparticles Prepared via RAFT-Assisted Encapsulating Emulsion Polymerization and Click Chemistry. *Polymers*, **2020**, 12,	4.5	2
277	Functionalization of Graphene Oxide with Porphyrins: Synthetic Routes and Biological Applications. *ChemPlusChem*, **2020**, 85, 1857-1880	2.8	14
276	Recent advances on magnetic biosorbents and their applications for water treatment. *Environmental Chemistry Letters*, **2020**, 18, 151-164	13.3	21
275	Multiorgan histopathological changes in the juvenile seabream Sparus aurata as a biomarker for zinc oxide particles toxicity. *Environmental Science and Pollution Research*, **2020**, 27, 30907-30917	5.1	8
274	Supported ionic liquids as efficient materials to remove non-steroidal anti-inflammatory drugs from aqueous media. *Chemical Engineering Journal*, **2020**, 381, 122616	14.7	26
273	Spinel-type ferrite nanoparticles for removal of arsenic(V) from water. *Environmental Science and Pollution Research*, **2020**, 27, 22523-22534	5.1	3

272	Coupling gold nanoparticles to Dye-Sensitized Solar Cells for an increased efficiency. *Electrochimica Acta*, **2019**, 300, 102-112	6.7	9
271	Trimethyl Chitosan/Siloxane-Hybrid Coated FeO Nanoparticles for the Uptake of Sulfamethoxazole from Water. *Molecules*, **2019**, 24,	4.8	28
270	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials-A Review. *Nanomaterials*, **2019**, 9,	5.4	46
269	Chromium removal from contaminated waters using nanomaterials A review. *TrAC - Trends in Analytical Chemistry*, **2019**, 118, 277-291	14.6	63
268	Effects of long-term exposure to colloidal gold nanorods on freshwater microalgae. *Science of the Total Environment*, **2019**, 682, 70-79	10.2	3
267	Impact of critical micelle concentration of macroRAFT agents on the encapsulation of colloidal Au nanoparticles. *Journal of Colloid and Interface Science*, **2019**, 545, 251-258	9.3	2
266	The controlled synthesis of complex hollow nanostructures and prospective applications. *Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences*, **2019**, 475, 20180677	2.4	19
265	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. *Environmental Research*, **2019**, 175, 200-212	7.9	23
264	Magnetic nanosorbents with siliceous hybrid shells of alginic acid and carrageenan for removal of ciprofloxacin. *International Journal of Biological Macromolecules*, **2019**, 139, 827-841	7.9	15
263	Can contaminated waters or wastewater be alternative sources for technology-critical elements? The case of removal and recovery of lanthanides. *Journal of Hazardous Materials*, **2019**, 380, 120845	12.8	10
262	Gold loaded textile fibres as substrates for SERS detection. *Journal of Molecular Structure*, **2019**, 1185, 333-340	3.4	12
261	An integrated approach for trace detection of pollutants in water using polyelectrolyte functionalized magneto-plasmonic nanosorbents. *Scientific Reports*, **2019**, 9, 19647	4.9	4
260	Magnetic quaternary chitosan hybrid nanoparticles for the efficient uptake of diclofenac from water. *Carbohydrate Polymers*, **2019**, 203, 35-44	10.3	55
259	Genotoxicity of gold nanoparticles in the gilthead seabream (Sparus aurata) after single exposure and combined with the pharmaceutical gemfibrozil. *Chemosphere*, **2019**, 220, 11-19	8.4	14
258	Reliable quantification of mercury in natural waters using surface modified magnetite nanoparticles. *Chemosphere*, **2019**, 220, 565-573	8.4	4
257	Raman and Fluorescence Imaging of Polyoxometalate Composite Agarose Films. *European Journal of Inorganic Chemistry*, **2019**, 2019, 477-481	2.3	1
256	Effects and bioaccumulation of gold nanoparticles in the gilthead seabream (Sparus aurata) - Single and combined exposures with gemfibrozil. *Chemosphere*, **2019**, 215, 248-260	8.4	14
255	High-throughput tool to discriminate effects of NMs (Cu-NPs, Cu-nanowires, CuNO, and Cu salt aged): transcriptomics in Enchytraeus crypticus. *Nanotoxicology*, **2018**, 12, 325-340	5.3	22

254	Surface-Enhanced Raman Scattering Spectral Imaging for the Attomolar Range Detection of Crystal Violet in Contaminated Water. *ACS Omega*, **2018**, 3, 4331-4341	3.9	17
253	A general strategy to prepare SERS active filter membranes for extraction and detection of pesticides in water. *Talanta*, **2018**, 182, 558-566	6.2	37
252	Can non-invasive methods be used to assess effects of nanoparticles in fish?. *Ecological Indicators*, **2018**, 95, 1118-1127	5.8	10
251	Surface Engineered Magnetic Biosorbents for Water Treatment. *Environmental Chemistry for A Sustainable World*, **2018**, 301-342	0.8	6
250	Structure and photoactivity for hydrogen production of CdS nanorods modified with In, Ga, Ag-In and Ag-Ga and prepared by solvothermal method. *Materials Today Energy*, **2018**, 9, 345-358	7	8
249	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3440-3440	2.3	0
248	Polymer@gold Nanoparticles Prepared via RAFT Polymerization for Opto-Biodetection. *Polymers*, **2018**, 10,	4.5	18
247	Ultra sensitive quantification of Hg2+ sorption by functionalized nanoparticles using radioactive tracker spectroscopy. *Microchemical Journal*, **2018**, 138, 418-423	4.8	6
246	Magnetite□orrole Hybrid Nanoparticles. *Magnetochemistry*, **2018**, 4, 37	3.1	1
245	Magnetite-Supported Gold Nanostars for the Uptake and SERS Detection of Tetracycline. *Nanomaterials*, **2018**, 9,	5.4	16
244	Porous Carrageenan-Derived Carbons for Efficient Ciprofloxacin Removal from Water. *Nanomaterials*, **2018**, 8,	5.4	7
243	Hybrids Based on Graphene Oxide and Porphyrin as Tools for Detection and Stabilization of DNA G-Quadruplexes. *ACS Omega*, **2018**, 3, 11184-11191	3.9	21
242	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. *European Journal of Inorganic Chemistry*, **2018**, 2018, 3443-3461	2.3	20
241	Parametric analysis of the growth of colloidal ZnO nanoparticles synthesized in alcoholic medium. *Journal of Nanoparticle Research*, **2017**, 19, 1	2.3	1
240	Highly Efficient Removal of Dye from Water Using Magnetic Carrageenan/Silica Hybrid Nano-adsorbents. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	36
239	Raman imaging studies on the adsorption of methylene blue species onto silver modified linen fibers. *Journal of Raman Spectroscopy*, **2017**, 48, 795-802	2.3	12
238	Chitosan-silica hybrid nanosorbents for oil removal from water. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2017**, 532, 305-313	5.1	42
237	Tailoring gold and silver colloidal bimetallic nanoalloys towards SERS detection of rhodamine 6G. *RSC Advances*, **2017**, 7, 15944-15951	3.7	16

236	Luminescent Carrageenan Hydrogels Containing Lanthanopolyoxometalates. *European Journal of Inorganic Chemistry*, **2017**, 2017, 4976-4981	2.3	5
235	A General Route for Growing Metal Sulfides onto Graphene Oxide and Exfoliated Graphite Oxide. *Nanomaterials*, **2017**, 7,	5.4	11
234	Cytotoxicity and oxidative stress responses of silica-coated iron oxide nanoparticles in CHSE-214 cells. *Environmental Science and Pollution Research*, **2017**, 24, 2055-2064	5.1	14
233	A Comparative Study of Chemical Routes for Coating Gold Nanoparticles via Controlled RAFT Emulsion Polymerization. *Particle and Particle Systems Characterization*, **2017**, 34, 1600202	3.1	11
232	SERS Detection of Penicillin G Using Magnetite Decorated with Gold Nanoparticles. *Magnetochemistry*, **2017**, 3, 32	3.1	10
231	Magnetic Hybrid Nanosorbents for the Uptake of Paraquat from Water. *Nanomaterials*, **2017**, 7,	5.4	44
230	Biological synthesis of nanosized sulfide semiconductors: current status and future prospects. *Applied Microbiology and Biotechnology*, **2016**, 100, 8283-302	5.7	15
229	Mercury in river, estuarine and seawaters - Is it possible to decrease realist environmental concentrations in order to achieve environmental quality standards?. *Water Research*, **2016**, 106, 439-449	12.5	19
228	Hybrid nanoadsorbents for the magnetically assisted removal of metoprolol from water. *Chemical Engineering Journal*, **2016**, 302, 560-569	14.7	35
227	Phagocytic cell responses to silica-coated dithiocarbamate-functionalized iron oxide nanoparticles and mercury co-exposures in Anguilla anguilla L. *Environmental Science and Pollution Research*, **2016**, 23, 12272-86	5.1	2
226	The role of surface functionalization of silica nanoparticles for bioimaging. *Journal of Innovative Optical Health Sciences*, **2016**, 09, 1630005	1.2	21
225	Fluorescent Bioactive Corrole Grafted-Chitosan Films. *Biomacromolecules*, **2016**, 17, 1395-403	6.9	42
224	A framework to measure the availability of engineered nanoparticles in soils: Trends in soil tests and analytical tools. *TrAC - Trends in Analytical Chemistry*, **2016**, 75, 129-140	14.6	58
223	Targeting Cancer Cells with Photoactive Silica Nanoparticles. *Current Pharmaceutical Design*, **2016**, 22, 6021-6038	3.3	6
222	SERS and Raman imaging as a new tool to monitor dyeing on textile fibres. *Journal of Raman Spectroscopy*, **2016**, 47, 1239-1246	2.3	12
221	Uptake of Europium(III) from Water using Magnetite Nanoparticles. *Particle and Particle Systems Characterization*, **2016**, 33, 150-157	3.1	14
220	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. *Science of the Total Environment*, **2016**, 557-558, 712-21	10.2	29
219	An ionic liquid route to prepare copper sulphide nanocrystals aiming at photocatalytic applications. *RSC Advances*, **2016**, 6, 34521-34528	3.7	22

218	Assessment of gold nanoparticle effects in a marine teleost (Sparus aurata) using molecular and biochemical biomarkers. *Aquatic Toxicology*, **2016**, 177, 125-35	5.1	40
217	N-doped carbon quantum dots/TiO2 composite with improved photocatalytic activity. *Applied Catalysis B: Environmental*, **2016**, 193, 67-74	21.8	218
216	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms - An in vitro approach. *Marine Pollution Bulletin*, **2016**, 106, 236-44	6.7	23
215	Functionalized magnetite particles for adsorption of colloidal noble metal nanoparticles. *Journal of Colloid and Interface Science*, **2016**, 475, 96-103	9.3	10
214	Silver-gelatine bionanocomposites for qualitative detection of a pesticide by SERS. *Analyst, The*, **2015**, 140, 1693-701	5	9
213	Biotinylation of optically responsive gold/polyelectrolyte nanostructures. *Gold Bulletin*, **2015**, 48, 3-11	1.6	7
212	Testing single extraction methods and in vitro tests to assess the geochemical reactivity and human bioaccessibility of silver in urban soils amended with silver nanoparticles. *Chemosphere*, **2015**, 135, 304-11	8.4	22
211	Bionanocomposites for Magnetic Removal of Water Pollutants. *Advanced Structured Materials*, **2015**, 279-310	0.6	5
210	Carrageenan-grafted magnetite nanoparticles as recyclable sorbents for dye removal. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	18
209	Biotechnologically obtained nanocomposites: A practical application for photodegradation of Safranin-T under UV-Vis and solar light. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2015**, 50, 996-1010	2.3	5
208	Soil-pore water distribution of silver and gold engineered nanoparticles in undisturbed soils under unsaturated conditions. *Chemosphere*, **2015**, 136, 86-94	8.4	10
207	Hybrid nanostructures for SERS: materials development and chemical detection. *Physical Chemistry Chemical Physics*, **2015**, 17, 21046-71	3.6	123
206	A green method for the preparation of fluorescent hybrid structures of gold and corrole. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	2
205	Rescheduling the process of nanoparticle removal used for water mercury remediation can increase the risk to aquatic organism: evidence of innate immune functions modulation in European eel (Anguilla anguilla L.). *Environmental Science and Pollution Research*, **2015**, 22, 18574-89	5.1	5
204	CarrageenanSilica Hybrid Nanoparticles Prepared by a Non-Emulsion Method. *European Journal of Inorganic Chemistry*, **2015**, 2015, 4588-4594	2.3	23
203	Multiple Emulsion Templating of Hybrid Ag/SiO2 Capsules for Antibacterial Applications. *Particle and Particle Systems Characterization*, **2015**, 32, 561-566	3.1	9
202	Interference of the co-exposure of mercury with silica-coated iron oxide nanoparticles can modulate genotoxicity induced by their individual exposures--a paradox depicted in fish under in vitro conditions. *Environmental Science and Pollution Research*, **2015**, 22, 3687-96	5.1	12
201	Behavior of colloidal gold nanoparticles in different ionic strength media. *Journal of Nanoparticle Research*, **2015**, 17, 1	2.3	40

200	Nanobioinorganic Chemistry: Converging Inorganic Chemistry and Biology at the Nanoscale. *European Journal of Inorganic Chemistry*, **2015**, 2015, 4447-4449	2.3	1
199	Lipid peroxidation and its control in Anguilla anguilla hepatocytes under silica-coated iron oxide nanoparticles (with or without mercury) exposure. *Environmental Science and Pollution Research*, **2015**, 22, 9617-25	5.1	4
198	SERS studies of DNA nucleobases using new silver poly(methyl methacrylate) nanocomposites as analytical platforms. *Journal of Raman Spectroscopy*, **2015**, 46, 47-53	2.3	16
197	Ferromagnetic sorbents based on nickel nanowires for efficient uptake of mercury from water. *ACS Applied Materials & Interfaces*, **2014**, 6, 8274-80	9.5	28
196	Cationic release behaviour of antimicrobial cellulose/silver nanocomposites. *Cellulose*, **2014**, 21, 3551-3560	5.5	9
195	Brain glutathione redox system significance for the control of silica-coated magnetite nanoparticles with or without mercury co-exposures mediated oxidative stress in European eel (Anguilla anguilla L.). *Environmental Science and Pollution Research*, **2014**, 21, 7746-56	5.1	12
194	Raman Signal Enhancement Dependence on the Gel Strength of Ag/Hydrogels Used as SERS Substrates. *Journal of Physical Chemistry C*, **2014**, 118, 10384-10392	3.8	18
193	Modulation of glutathione and its dependent enzymes in gill cells of Anguilla anguilla exposed to silica coated iron oxide nanoparticles with or without mercury co-exposure under in vitro condition. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2014**, 162, 7-14	3.2	17
192	Encapsulation of essential oils in SiO2 microcapsules and release behaviour of volatile compounds. *Journal of Microencapsulation*, **2014**, 31, 627-35	3.4	39
191	Decoration of Carbon Nanostructures with Metal Sulfides by Sonolysis of Single-Molecule Precursors. *European Journal of Inorganic Chemistry*, **2014**, 2014, 3184-3190	2.3	7
190	The role of operational parameters on the uptake of mercury by dithiocarbamate functionalized particles. *Chemical Engineering Journal*, **2014**, 254, 559-570	14.7	16
189	Biofunctionalisation of colloidal gold nanoparticles via polyelectrolytes assemblies. *Colloid and Polymer Science*, **2014**, 292, 33-50	2.4	44
188	Photothermally enhanced drug release by κ-carrageenan hydrogels reinforced with multi-walled carbon nanotubes. *RSC Advances*, **2013**, 3, 10828	3.7	44
187	Magnetically responsive dry fluids. *Nanoscale*, **2013**, 5, 7229-33	7.7	7
186	Effects of Au nanoparticles on thermoresponsive genipin-crosslinked gelatin hydrogels. *Gold Bulletin*, **2013**, 46, 25-33	1.6	33
185	Core-shell magnetite-silica dithiocarbamate-derivatised particles achieve the Water Framework Directive quality criteria for mercury in surface waters. *Environmental Science and Pollution Research*, **2013**, 20, 5963-74	5.1	19
184	Defining and Using Very Small Crystals **2013**, 343-369		3
183	κ-Carrageenan hydrogel nanocomposites with release behavior mediated by morphological distinct Au nanofillers. *Carbohydrate Polymers*, **2013**, 91, 100-9	10.3	71

182	Green synthesis of covellite nanocrystals using biologically generated sulfide: potential for bioremediation systems. *Journal of Environmental Management*, **2013**, 128, 226-32	7.9	17
181	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against Aspergillus niger. *Colloids and Surfaces B: Biointerfaces*, **2013**, 103, 143-8	6	86
180	Resizing of Colloidal Gold Nanorods and Morphological Probing by SERS. *Journal of Physical Chemistry C*, **2013**, 117, 20343-20350	3.8	12
179	Functionalization of nickel nanowires with a fluorophore aiming at new probes for multimodal bioanalysis. *Journal of Colloid and Interface Science*, **2013**, 410, 21-6	9.3	20
178	Chapter 9:Nano dimensional ZnO: new chemical insights from an old material. *SPR Nanoscience*, **2013**, 255-285	3	2
177	Fluorescence biolabeling using methylated silica nanoparticles containing a lanthanide complex. *Journal of Materials Chemistry B*, **2013**, 1, 5429-5435	7.3	15
176	Effect of colloidal silver and gold nanoparticles on the thermal behavior of poly(t-butyl acrylate) composites. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 436, 231-236	5.1	10
175	Determination of anionic surface active agents using silica coated magnetite nanoparticles modified with cationic surfactant aggregates. *Journal of Chromatography A*, **2013**, 1299, 25-32	4.5	23
174	Unusual dye adsorption behavior of κ-carrageenan coated superparamagnetic nanoparticles. *Chemical Engineering Journal*, **2013**, 229, 276-284	14.7	51
173	Corrole-silica hybrid particles: synthesis and effects on singlet oxygen generation. *RSC Advances*, **2013**, 3, 274-280	3.7	28
172	Luminescent Transparent Composite Films Based on Lanthanopolyoxometalates and Filmogenic Polysaccharides. *European Journal of Inorganic Chemistry*, **2013**, 2013, 1890-1896	2.3	13
171	Towards the understanding of the intentionally induced yellow luminescence in GaN nanowires. *Physica Status Solidi C: Current Topics in Solid State Physics*, **2013**, 10, 667-672		8
170	Composite blends of gold nanorods and poly(t-butylacrylate) beads as new substrates for SERS. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 113, 100-6	4.4	13
169	Antibacterial paper based on composite coatings of nanofibrillated cellulose and ZnO. *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, **2013**, 417, 111-119	5.1	112
168	SERS study on adenine using a Ag/poly(t-butylacrylate) nanocomposite. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2013**, 101, 36-9	4.4	20
167	Cellulose/iron oxide hybrids as multifunctional pigments in thermoplastic starch based materials. *Cellulose*, **2013**, 20, 861-871	5.5	6
166	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. *Journal of Materials Chemistry A*, **2013**, 1, 8134	13	64
165	Electrostatic mechanism of strong enhancement of light emitted by semiconductor quantum wells. *Physical Review B*, **2013**, 87,	3.3	10

164	Antibacterial activity of nanocomposites of copper and cellulose. *BioMed Research International*, **2013**, 2013, 280512	3	80
163	Fluorescent Magnetic Bioprobes by Surface Modification of Magnetite Nanoparticles. *Materials*, **2013**, 6, 3213-3225	3.5	22
162	Magnetic hydrogel nanocomposites and composite nanoparticles--a review of recent patented works. *Recent Patents on Nanotechnology*, **2013**, 7, 153-66	1.2	20
161	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. *European Journal of Inorganic Chemistry*, **2012**, 2012, 5043-5049	2.3	34
160	Release behavior of trans,trans-farnesol entrapped in amorphous silica capsules. *Results in Pharma Sciences*, **2012**, 2, 52-6		10
159	Os nanomateriais e a descoberta de novos mundos na bancada do químico. *Quimica Nova*, **2012**, 35, 1434-1446	1.6	7
158	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. *Cellulose*, **2012**, 19, 1425-1436	5.5	150
157	Impact of magnetic nanofillers in the swelling and release properties of κ-carrageenan hydrogel nanocomposites. *Carbohydrate Polymers*, **2012**, 87, 328-335	10.3	61
156	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. *Carbohydrate Research*, **2012**, 348, 77-83	2.9	123
155	Synthesis of nanocrystalline ZnS using biologically generated sulfide. *Hydrometallurgy*, **2012**, 117-118, 57-63	4	26
154	Composites of Cellulose and Metal Nanoparticles **2012**,		27
153	Eco-friendly hybrid pigments made of cellulose and iron oxides. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 6817-21	1.3	4
152	A single-source route for the synthesis of metal oxide nanoparticles using vegetable oil solvents. *Journal of Nanoscience and Nanotechnology*, **2012**, 12, 8963-8	1.3	5
151	Swelling and Release Properties of Functional κ-carrageenan Hydrogel Nanocomposites. *Materials Research Society Symposia Proceedings*, **2012**, 1403, 164		3
150	Supported ionic liquid silica nanoparticles (SILnPs) as an efficient and recyclable heterogeneous catalyst for the dehydration of fructose to 5-hydroxymethylfurfural. *Green Chemistry*, **2011**, 13, 340	10	105
149	Removal of mercury (II) by dithiocarbamate surface functionalized magnetite particles: application to synthetic and natural spiked waters. *Water Research*, **2011**, 45, 5773-84	12.5	81
148	Neutron diffraction and magnetism of CoO antiferromagnetic nanoparticles. *Journal of Physics: Conference Series*, **2011**, 325, 012020	0.3	4
147	Polymer based silver nanocomposites as versatile solid film and aqueous emulsion SERS substrates. *Journal of Materials Chemistry*, **2011**, 21, 15629		27

146	Biofunctional Composites of Polysaccharides Containing Inorganic Nanoparticles **2011**,		3
145	Mixed-Metal d-f Phosphonate Frameworks Photoluminescence and Magnetic Properties. *European Journal of Inorganic Chemistry*, **2011**, 2011, 2035-2044	2.3	23
144	A new supramolecular organic inorganic adduct: {[Eu(CH3OH)(H2O)8]2[Eu(H2O)8][PW12O40]3} 8(C14H20O5) 2(C28H40O10) 6(CH3OH) 6(H2O). *Journal of Molecular Structure*, **2011**, 989, 80-85	3.4	1
143	Synthesis and swelling behavior of temperature responsive carrageenan nanogels. *Journal of Colloid and Interface Science*, **2011**, 355, 512-7	9.3	81
142	From Nanoparticles to Nanocomposites **2011**, 1-20		1
141	In situ and ex situ preparations of ZnO/poly-{trans-[RuCl2(vpy)4]/styrene} nanocomposites. *Journal of the Brazilian Chemical Society*, **2010**, 21, 1986-1991	1.5	20
140	Noble metal nanocrystals at the surface of nitride semiconductors: synthesis, deposition and surface characterization. *Journal of Nanoscience and Nanotechnology*, **2010**, 10, 2574-7	1.3	1
139	Remanent magnetization in CoO antiferromagnetic nanoparticles. *Physical Review B*, **2010**, 82,	3.3	18
138	Shaping gold nanocomposites with tunable optical properties. *Langmuir*, **2010**, 26, 11407-12	4	19
137	Lanthanopolyoxotungstates in silica nanoparticles: multi-wavelength photoluminescent core/shell materials. *Journal of Materials Chemistry*, **2010**, 20, 3313		45
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