

Tito Trindade

List of Publications by Year in descending order

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316
papers

12,012
citations

34493

54
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45040

94
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332
all docs

332
docs citations

332
times ranked

16047
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocrystalline Semiconductors: A Synthesis, Properties, and Perspectives. <i>Chemistry of Materials</i> , 2001, 13, 3843-3858.	3.2	1,214
2	Silica coated magnetite particles for magnetic removal of Hg ²⁺ from water. <i>Journal of Colloid and Interface Science</i> , 2010, 345, 234-240.	5.0	334
3	Synthesis of CdS and CdSe Nanocrystallites Using a Novel Single-Molecule Precursors Approach. <i>Chemistry of Materials</i> , 1997, 9, 523-530.	3.2	293
4	N-doped carbon quantum dots/TiO ₂ composite with improved photocatalytic activity. <i>Applied Catalysis B: Environmental</i> , 2016, 193, 67-74.	10.8	291
5	Antibacterial activity of nanocomposites of silver and bacterial or vegetable cellulosic fibers. <i>Acta Biomaterialia</i> , 2009, 5, 2279-2289.	4.1	262
6	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. <i>Chemistry of Materials</i> , 2003, 15, 100-108.	3.2	227
7	Plasma surface modification of polyethylene. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 222, 125-131.	2.3	172
8	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. <i>Cellulose</i> , 2012, 19, 1425-1436.	2.4	161
9	A single source approach to the synthesis of CdSe nanocrystallites. <i>Advanced Materials</i> , 1996, 8, 161-163.	11.1	160
10	Hybrid nanostructures for SERS: materials development and chemical detection. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 21046-21071.	1.3	155
11	Interconvertible Modular Framework and Layered Lanthanide(III)-Etidronic Acid Coordination Polymers. <i>Journal of the American Chemical Society</i> , 2008, 130, 150-167.	6.6	153
12	Synthesis of PbS nanocrystallites using a novel single molecule precursors approach: X-ray single-crystal structure of Pb(S ₂ CNEtPri) ₂ . <i>Journal of Materials Chemistry</i> , 1997, 7, 1011-1016.	6.7	152
13	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. <i>Carbohydrate Research</i> , 2012, 348, 77-83.	1.1	136
14	Supported ionic liquid silica nanoparticles (SILnPs) as an efficient and recyclable heterogeneous catalyst for the dehydration of fructose to 5-hydroxymethylfurfural. <i>Green Chemistry</i> , 2011, 13, 340.	4.6	125
15	Antibacterial paper based on composite coatings of nanofibrillated cellulose and ZnO. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 417, 111-119.	2.3	123
16	Titanium dioxide/cellulose nanocomposites prepared by a controlled hydrolysis method. <i>Composites Science and Technology</i> , 2006, 66, 1038-1044.	3.8	117
17	Photoluminescent 3D Lanthanide Organic Frameworks with 2,5-Pyridinedicarboxylic and 1,4-Phenylenediacetic Acids. <i>Crystal Growth and Design</i> , 2008, 8, 2505-2516.	1.4	112
18	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2013, 103, 143-148.	2.5	110

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19	Optical Fiber Sensing Using Quantum Dots. <i>Sensors</i> , 2007, 7, 3489-3534.	2.1	107
20	In Situ Synthesis of Magnetite Nanoparticles in Carrageenan Gels. <i>Biomacromolecules</i> , 2007, 8, 2350-2357.	2.6	107
21	Photosensitization of TiO ₂ by Ag ₂ S and its catalytic activity on phenol photodegradation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2009, 204, 168-173.	2.0	107
22	Use of Dialkyldithiocarbamate Complexes of Bismuth(III) for the Preparation of Nano- and Microsized Bi ₂ S ₃ Particles and the X-ray Crystal Structures of [Bi{S ₂ CN(CH ₃)(C ₆ H ₁₃) ₃ }] and [Bi{S ₂ CN(CH ₃)(C ₆ H ₁₃) ₃ (C ₁₂ H ₈ N ₂)}. <i>Chemistry of Materials</i> , 2001, 13, 2103-2111.	3.2	104
23	Surface modification of cellulosic fibres for multi-purpose TiO ₂ based nanocomposites. <i>Composites Science and Technology</i> , 2009, 69, 1051-1056.	3.8	104
24	Chromium removal from contaminated waters using nanomaterials – A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 277-291.	5.8	103
25	Preparation of zinc oxide and zinc sulfide powders by controlled precipitation from aqueous solution. <i>Journal of Materials Chemistry</i> , 1994, 4, 1611.	6.7	101
26	Antibacterial Activity of Nanocomposites of Copper and Cellulose. <i>BioMed Research International</i> , 2013, 2013, 1-6.	0.9	101
27	Polymer Grafting from CdS Quantum Dots via AGET ATRP in Miniemulsion. <i>Small</i> , 2007, 3, 1230-1236.	5.2	100
28	Silver-bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 439-443.	1.2	97
29	Novel SiO ₂ /cellulose nanocomposites obtained by in situ synthesis and via polyelectrolytes assembly. <i>Composites Science and Technology</i> , 2008, 68, 1088-1093.	3.8	97
30	Synthesis and swelling behavior of temperature responsive $\hat{\rho}$ -carrageenan nanogels. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 512-517.	5.0	96
31	Superhydrophobic cellulose nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2008, 324, 42-46.	5.0	95
32	Removal of mercury (II) by dithiocarbamate surface functionalized magnetite particles: Application to synthetic and natural spiked waters. <i>Water Research</i> , 2011, 45, 5773-5784.	5.3	92
33	Chemical bath deposition of BiVO ₄ . <i>Thin Solid Films</i> , 2002, 406, 93-97.	0.8	89
34	Magnetic quaternary chitosan hybrid nanoparticles for the efficient uptake of diclofenac from water. <i>Carbohydrate Polymers</i> , 2019, 203, 35-44.	5.1	88
35	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials – A Review. <i>Nanomaterials</i> , 2019, 9, 814.	1.9	87
36	$\hat{\rho}$ -Carrageenan hydrogel nanocomposites with release behavior mediated by morphological distinct Au nanofillers. <i>Carbohydrate Polymers</i> , 2013, 91, 100-109.	5.1	86

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37	Synthesis and characterization of tungsten trioxide powders prepared from tungstic acids. <i>Materials Research Bulletin</i> , 2004, 39, 683-693.	2.7	83
38	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. <i>Journal of Colloid and Interface Science</i> , 2007, 312, 506-512.	5.0	78
39	Impact of magnetic nanofillers in the swelling and release properties of $\hat{\text{I}}^{\text{e}}$ -carrageenan hydrogel nanocomposites. <i>Carbohydrate Polymers</i> , 2012, 87, 328-335.	5.1	77
40	Synthesis, surface modification and optical properties of Tb^{3+} -doped ZnO nanocrystals. <i>Nanotechnology</i> , 2006, 17, 834-839.	1.3	75
41	Three-Dimensional Lanthanide-Organic Frameworks Based on Di-, Tetra-, and Hexameric Clusters. <i>Crystal Growth and Design</i> , 2009, 9, 2098-2109.	1.4	71
42	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. <i>Journal of Materials Chemistry A</i> , 2013, 1, 8134.	5.2	71
43	Screen-printing of TiO_2 photocatalytic layers on glazed ceramic tiles. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 197, 125-131.	2.0	68
44	A framework to measure the availability of engineered nanoparticles in soils: Trends in soil tests and analytical tools. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 75, 129-140.	5.8	68
45	Synthesis of CdS and CdSe nanoparticles by thermolysis of diethyldithio-or diethyldiseleno-carbamates of cadmium. <i>Journal of Materials Chemistry</i> , 1996, 6, 343.	6.7	66
46	Unusual dye adsorption behavior of $\hat{\text{I}}^{\text{e}}$ -carrageenan coated superparamagnetic nanoparticles. <i>Chemical Engineering Journal</i> , 2013, 229, 276-284.	6.6	65
47	Photocatalytic decolouration of Orange II by ZnO active layers screen-printed on ceramic tiles. <i>Journal of Hazardous Materials</i> , 2009, 163, 36-42.	6.5	63
48	Growth, Structural, and Optical Characterization of ZnO-Coated Cellulosic Fibers. <i>Crystal Growth and Design</i> , 2009, 9, 386-390.	1.4	63
49	Synthetic studies on II/VI semiconductor quantum dots. <i>Current Opinion in Solid State and Materials Science</i> , 2002, 6, 347-353.	5.6	62
50	Synthetic hollow zinc oxide microparticles. <i>Materials Research Bulletin</i> , 2001, 36, 1099-1108.	2.7	60
51	Magnetic Hybrid Nanosorbents for the Uptake of Paraquat from Water. <i>Nanomaterials</i> , 2017, 7, 68.	1.9	59
52	The Synthesis of $\text{SiO}_2@ \text{CdS}$ Nanocomposites Using Single-Molecule Precursors. <i>Chemistry of Materials</i> , 2002, 14, 2900-2904.	3.2	58
53	Synthesis and characterization of new $\text{CaCO}_3/\text{cellulose}$ nanocomposites prepared by controlled hydrolysis of dimethylcarbonate. <i>Carbohydrate Polymers</i> , 2010, 79, 1150-1156.	5.1	58
54	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. <i>European Journal of Inorganic Chemistry</i> , 2006, 2006, 726-734.	1.0	56

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55	Hydro-Ionothermal Synthesis of Lanthanide-Organic Frameworks with 1,4-Phenylenebis(methylene)diphosphonate. <i>Crystal Growth and Design</i> , 2008, 8, 3917-3920.	1.4	56
56	Lanthanopolyoxotungstates in silica nanoparticles: multi-wavelength photoluminescent core/shell materials. <i>Journal of Materials Chemistry</i> , 2010, 20, 3313.	6.7	56
57	Nanocompósitos de matriz polimérica: estratégias de síntese de materiais híbridos. <i>Química Nova</i> , 2004, 27, 798-806.	0.3	55
58	Behavior of colloidal gold nanoparticles in different ionic strength media. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	55
59	Highly Efficient Removal of Dye from Water Using Magnetic Carrageenan/Silica Hybrid Nano-adsorbents. <i>Water, Air, and Soil Pollution</i> , 2017, 228, 1.	1.1	55
60	Chitosan-silica hybrid nanosorbents for oil removal from water. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 532, 305-313.	2.3	54
61	Synthesis of PbSe nanocrystallites using a single-source method. The X-ray crystal structure of lead (II) diethyldiselenocarbamate. <i>Polyhedron</i> , 1999, 18, 1171-1175.	1.0	53
62	Optical studies of ZnO nanocrystals doped with Eu ³⁺ ions. <i>Applied Physics A: Materials Science and Processing</i> , 2007, 88, 129-133.	1.1	53
63	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , 2016, 17, 1395-1403.	2.6	53
64	A general strategy to prepare SERS active filter membranes for extraction and detection of pesticides in water. <i>Talanta</i> , 2018, 182, 558-566.	2.9	53
65	Biofunctionalisation of colloidal gold nanoparticles via polyelectrolytes assemblies. <i>Colloid and Polymer Science</i> , 2014, 292, 33-50.	1.0	52
66	The Use of Bismuth(III) Dithiocarbamate Complexes as Precursors for the Low-Pressure MOCVD of Bi ₂ S ₃ . <i>Chemical Vapor Deposition</i> , 2000, 6, 230-232.	1.4	51
67	Hybrid nanoadsorbents for the magnetically assisted removal of metoprolol from water. <i>Chemical Engineering Journal</i> , 2016, 302, 560-569.	6.6	51
68	Photothermally enhanced drug release by κ -carrageenan hydrogels reinforced with multi-walled carbon nanotubes. <i>RSC Advances</i> , 2013, 3, 10828.	1.7	50
69	Trimethyl Chitosan/Siloxane-Hybrid Coated Fe ₃ O ₄ Nanoparticles for the Uptake of Sulfamethoxazole from Water. <i>Molecules</i> , 2019, 24, 1958.	1.7	50
70	Encapsulation of essential oils in SiO ₂ microcapsules and release behaviour of volatile compounds. <i>Journal of Microencapsulation</i> , 2014, 31, 627-635.	1.2	47
71	Recent advances on magnetic biosorbents and their applications for water treatment. <i>Environmental Chemistry Letters</i> , 2020, 18, 151-164.	8.3	46
72	Biofunctionalized magnetic hydrogel nanospheres of magnetite and κ -carrageenan. <i>Nanotechnology</i> , 2009, 20, 355602.	1.3	45

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73	Optimised hydrothermal synthesis of multi-dimensional hybrid coordination polymers containing flexible organic ligands. <i>Progress in Solid State Chemistry</i> , 2005, 33, 113-125.	3.9	44
74	Assessment of gold nanoparticle effects in a marine teleost (<i>Sparus aurata</i>) using molecular and biochemical biomarkers. <i>Aquatic Toxicology</i> , 2016, 177, 125-135.	1.9	44
75	Chemical bath deposition of cerium doped BiVO ₄ . <i>Dyes and Pigments</i> , 2003, 59, 181-184.	2.0	41
76	Synthesis, Characterisation and Luminescent Properties of Lanthanide-Organic Polymers with Picolinic and Glutaric Acids. <i>European Journal of Inorganic Chemistry</i> , 2007, 2007, 4238-4246.	1.0	41
77	Supported ionic liquids as efficient materials to remove non-steroidal anti-inflammatory drugs from aqueous media. <i>Chemical Engineering Journal</i> , 2020, 381, 122616.	6.6	40
78	Lanthanide complexes of 2-hydroxynicotinic acid: synthesis, luminescence properties and the crystal structures of [Ln(HnicO) ₂ (1/4-HnicO)(H ₂ O)]·nH ₂ O (Ln=Tb, Eu). <i>Polyhedron</i> , 2003, 22, 3529-3539.	1.0	39
79	Growth of BiVO ₄ particles in cellulosic fibres by in situ reaction. <i>Dyes and Pigments</i> , 2005, 65, 125-127.	2.0	39
80	Surface-Enhanced Raman Scattering Spectral Imaging for the Attomolar Range Detection of Crystal Violet in Contaminated Water. <i>ACS Omega</i> , 2018, 3, 4331-4341.	1.6	39
81	Lanthanide Complexes of 2,6-Dihydroxybenzoic Acid: Synthesis, Crystal Structures and Luminescent Properties of [LnBu ₄ N] ₂ [Ln(2,6-dhb) ₅ (H ₂ O) ₂] (Ln = Sm and Tb). <i>European Journal of Inorganic Chemistry</i> , 2003, 2003, 3609-3617.	1.0	38
82	Polymer Encapsulation of CdE (E = S, Se) Quantum Dot Ensembles via In-Situ Radical Polymerization in Miniemulsion. <i>Journal of Nanoscience and Nanotechnology</i> , 2005, 5, 766-771.	0.9	38
83	Photoluminescent Porous Modular Lanthanide-Vanadium-Organic Frameworks. <i>European Journal of Inorganic Chemistry</i> , 2009, 2009, 4931-4945.	1.0	38
84	Effects of Au nanoparticles on thermoresponsive genipin-crosslinked gelatin hydrogels. <i>Gold Bulletin</i> , 2013, 46, 25-33.	1.1	38
85	Remediation of mercury contaminated saltwater with functionalized silica coated magnetite nanoparticles. <i>Science of the Total Environment</i> , 2016, 557-558, 712-721.	3.9	38
86	Magnetic Driven Nanocarriers for pH-Responsive Doxorubicin Release in Cancer Therapy. <i>Molecules</i> , 2020, 25, 333.	1.7	38
87	Effects of magnetite nanoparticles on the thermorheological properties of carrageenan hydrogels. <i>Journal of Colloid and Interface Science</i> , 2008, 324, 205-211.	5.0	37
88	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5043-5049.	1.0	37
89	Adsorption and catalytic properties of SiO ₂ /Bi ₂ S ₃ nanocomposites on the methylene blue photodecolorization process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2008, 328, 107-113.	2.3	36
90	Photoluminescent, transparent and flexible di-ureasil hybrids containing CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2008, 19, 155601.	1.3	35

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91	Magnetic nanosorbents with siliceous hybrid shells of alginic acid and carrageenan for removal of ciprofloxacin. <i>International Journal of Biological Macromolecules</i> , 2019, 139, 827-841.	3.6	35
92	The controlled synthesis of complex hollow nanostructures and prospective applications. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2019, 475, 20180677.	1.0	35
93	Preparation and optical properties of CdSe/polymer nanocomposites. <i>Scripta Materialia</i> , 2000, 43, 567-571.	2.6	34
94	Ferromagnetic Sorbents Based on Nickel Nanowires for Efficient Uptake of Mercury from Water. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 8274-8280.	4.0	33
95	Composites of Biopolymers and ZnO NPs for Controlled Release of Zinc in Agricultural Soils and Timed Delivery for Maize. <i>ACS Applied Nano Materials</i> , 2020, 3, 2134-2148.	2.4	33
96	On the efficient removal, regeneration and reuse of quaternary chitosan magnetite nanosorbents for glyphosate herbicide in water. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105189.	3.3	32
97	Carbon-based heterogeneous photocatalysts for water cleaning technologies: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 643-668.	8.3	32
98	Coordination modes of pyridine-carboxylic acid derivatives in samarium (III) complexes. <i>Polyhedron</i> , 2006, 25, 2471-2482.	1.0	31
99	Composites of Cellulose and Metal Nanoparticles. , 0, , .		31
100	Corrole-silica hybrid particles: synthesis and effects on singlet oxygen generation. <i>RSC Advances</i> , 2013, 3, 274-280.	1.7	31
101	Magnetite-Supported Gold Nanostars for the Uptake and SERS Detection of Tetracycline. <i>Nanomaterials</i> , 2019, 9, 31.	1.9	31
102	Functionalization of Graphene Oxide with Porphyrins: Synthetic Routes and Biological Applications. <i>ChemPlusChem</i> , 2020, 85, 1857-1880.	1.3	31
103	Preparation of Bi ₂ S ₃ nanofibers using a single-source method. <i>Journal of Materials Science Letters</i> , 2000, 19, 859-861.	0.5	30
104	Aerosol-assisted metallo-organic chemical vapour deposition of Bi ₂ Se ₃ films using single-molecule precursors. The crystal structure of bismuth(iii) dibutyldiselenocarbamate. <i>Journal of Materials Chemistry</i> , 2003, 13, 3006.	6.7	30
105	Polymer based silver nanocomposites as versatile solid film and aqueous emulsion SERS substrates. <i>Journal of Materials Chemistry</i> , 2011, 21, 15629.	6.7	30
106	Hybrids Based on Graphene Oxide and Porphyrin as Tools for Detection and Stabilization of DNA G-Quadruplexes. <i>ACS Omega</i> , 2018, 3, 11184-11191.	1.6	30
107	Polymer encapsulation effects on the magnetism of EuS nanocrystals. <i>Journal of Materials Chemistry</i> , 2008, 18, 4572.	6.7	29
108	Anti-fungal activity of SiO ₂ /Ag ₂ S nanocomposites against <i>Aspergillus niger</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2009, 74, 304-308.	2.5	29

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109	Synthesis of nanocrystalline ZnS using biologically generated sulfide. <i>Hydrometallurgy</i> , 2012, 117-118, 57-63.	1.8	29
110	Fluorescent Magnetic Bioprobes by Surface Modification of Magnetite Nanoparticles. <i>Materials</i> , 2013, 6, 3213-3225.	1.3	29
111	An ionic liquid route to prepare copper sulphide nanocrystals aiming at photocatalytic applications. <i>RSC Advances</i> , 2016, 6, 34521-34528.	1.7	29
112	The role of surface functionalization of silica nanoparticles for bioimaging. <i>Journal of Innovative Optical Health Sciences</i> , 2016, 09, 1630005.	0.5	29
113	Inkjet Printing of Ag and Polystyrene Nanoparticle Emulsions for the One-Step Fabrication of Hydrophobic Paper-Based Surface-Enhanced Raman Scattering Substrates. <i>ACS Applied Nano Materials</i> , 2021, 4, 4484-4495.	2.4	29
114	Carrageenan-Silica Hybrid Nanoparticles Prepared by a Non-Emulsion Method. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4588-4594.	1.0	28
115	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms – An in vitro approach. <i>Marine Pollution Bulletin</i> , 2016, 106, 236-244.	2.3	28
116	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 3443-3461.	1.0	28
117	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in <i>Mytilus galloprovincialis</i> . <i>Environmental Research</i> , 2019, 175, 200-212.	3.7	28
118	From Single-Molecule Precursors to Coupled Ag ₂ S/TiO ₂ Nanocomposites. <i>European Journal of Inorganic Chemistry</i> , 2008, 2008, 4380-4386.	1.0	27
119	High-throughput tool to discriminate effects of NMs (Cu-NPs, Cu-nanowires, CuNO ₃ , and Tj ETQq1 1 0,784314,rgBT /O	1.6	27
120	Precursor chemistry: remaining challenges and some novel approaches. <i>Journal of Crystal Growth</i> , 1997, 170, 23-29.	0.7	26
121	Synthesis, characterisation and magnetic properties of cobalt (II) complexes with 3-hydroxypicolinic acid (HpicOH): [Co(picOH) ₂ (H ₂ O) ₂] and mer-[N(CH ₃) ₄][Co(picOH) ₃].H ₂ O. <i>Polyhedron</i> , 2005, 24, 563-569.	1.0	26
122	A novel cobalt(II)-molybdenum(V) phosphate organic-inorganic hybrid polymer. <i>Journal of Solid State Chemistry</i> , 2006, 179, 1497-1505.	1.4	26
123	Rheological behavior of thermoreversible $\hat{\rho}$ -carrageenan/nanosilica gels. <i>Journal of Colloid and Interface Science</i> , 2008, 320, 575-581.	5.0	26
124	Determination of anionic surface active agents using silica coated magnetite nanoparticles modified with cationic surfactant aggregates. <i>Journal of Chromatography A</i> , 2013, 1299, 25-32.	1.8	26
125	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. <i>Chemosphere</i> , 2015, 135, 304-311.	4.2	26
126	Crystallization behaviour of new poly(tetramethyleneterephthalamide) nanocomposites containing SiO ₂ fillers with distinct morphologies. <i>Composites Part B: Engineering</i> , 2005, 36, 51-59.	5.9	25

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127	A green-emitting CdSe/poly(butyl acrylate) nanocomposite. <i>Nanotechnology</i> , 2005, 16, 1969-1973.	1.3	25
128	Preparation of nanocomposites by reversible addition-fragmentation chain transfer polymerization from the surface of quantum dots in miniemulsion. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5367-5377.	2.5	25
129	Polymer@gold Nanoparticles Prepared via RAFT Polymerization for Opto-Biodetection. <i>Polymers</i> , 2018, 10, 189.	2.0	25
130	One-dimensional coordination polymer of N-(phosphonomethyl)iminodiacetic acid with iron(II). <i>Journal of Molecular Structure</i> , 2006, 789, 200-208.	1.8	24
131	In situ and ex situ preparations of ZnO/poly-{trans-[RuCl ₂ (vpy) ₄]/styrene} nanocomposites. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1986-1991.	0.6	24
132	Lanthanopolyoxotungstoborates: Synthesis, Characterization, and Layer-by-Layer Assembly of Europium Photoluminescent Nanostructured Films. <i>Journal of Nanoscience and Nanotechnology</i> , 2004, 4, 214-220.	0.9	23
133	Mixed-Metal Phosphonate Frameworks – Photoluminescence and Magnetic Properties. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 2035-2044.	1.0	23
134	SERS study on adenine using a Ag/poly(t-butylacrylate) nanocomposite. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 101, 36-39.	2.0	23
135	Colloidal dendritic nanostructures of gold and silver for SERS analysis of water pollutants. <i>Journal of Molecular Liquids</i> , 2021, 337, 116608.	2.3	23
136	Carrageenan-grafted magnetite nanoparticles as recyclable sorbents for dye removal. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	0.8	22
137	Mercury in river, estuarine and seawaters – Is it possible to decrease realistic environmental concentrations in order to achieve environmental quality standards?. <i>Water Research</i> , 2016, 106, 439-449.	5.3	22
138	Tailoring gold and silver colloidal bimetallic nanoalloys towards SERS detection of rhodamine 6G. <i>RSC Advances</i> , 2017, 7, 15944-15951.	1.7	22
139	Magnetic Hydrogel Nanocomposites and Composite Nanoparticles – a Review of Recent Patented Works. <i>Recent Patents on Nanotechnology</i> , 2013, 7, 153-166.	0.7	22
140	Preparation of photoluminescent monolayers based on a polyoxotungstoeuropate. <i>Journal of Alloys and Compounds</i> , 2004, 374, 371-376.	2.8	21
141	Synthesis, characterisation and magnetic properties of copper(II) complexes with 3-hydroxypicolinic acid (HpicOH): the crystal structure of [Cu(picOH) ₂ (BPE)] ₂ ·[Cu(picOH) ₂ (BPE)] ₂ ·8H ₂ O. <i>Journal of Molecular Structure</i> , 2005, 737, 221-229.	1.8	21
142	Hydrothermal synthesis, structural characterisation and magnetic behaviour of hybrid complexes of N-(phosphonomethyl)iminodiacetate. <i>Journal of Molecular Structure</i> , 2005, 754, 51-60.	1.8	21
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