

Tito Trindade

List of Publications by Year in descending order

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316
papers

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citations

30070
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39675
94
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332
all docs

332
docs citations

332
times ranked

14402
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanocrystalline Semiconductors: A Synthesis, Properties, and Perspectives. Chemistry of Materials, 2001, 13, 3843-3858.	6.7	1,214
2	Silica coated magnetite particles for magnetic removal of Hg ²⁺ from water. Journal of Colloid and Interface Science, 2010, 345, 234-240.	9.4	334
3	Synthesis of CdS and CdSe Nanocrystallites Using a Novel Single-Molecule Precursors Approach. Chemistry of Materials, 1997, 9, 523-530.	6.7	293
4	N-doped carbon quantum dots/TiO ₂ composite with improved photocatalytic activity. Applied Catalysis B: Environmental, 2016, 193, 67-74.	20.2	291
5	Antibacterial activity of nanocomposites of silver and bacterial or vegetable cellulosic fibers. Acta Biomaterialia, 2009, 5, 2279-2289.	8.3	262
6	Novel Lanthanide Luminescent Materials Based on Complexes of 3-Hydroxypicolinic Acid and Silica Nanoparticles. Chemistry of Materials, 2003, 15, 100-108.	6.7	227
7	Plasma surface modification of polyethylene. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2003, 222, 125-131.	4.7	172
8	Electrostatic assembly of Ag nanoparticles onto nanofibrillated cellulose for antibacterial paper products. Cellulose, 2012, 19, 1425-1436.	4.9	161
9	A single source approach to the synthesis of CdSe nanocrystallites. Advanced Materials, 1996, 8, 161-163.	21.0	160
10	Hybrid nanostructures for SERS: materials development and chemical detection. Physical Chemistry Chemical Physics, 2015, 17, 21046-21071.	2.8	155
11	Interconvertible Modular Framework and Layered Lanthanide(III)-Etidronic Acid Coordination Polymers. Journal of the American Chemical Society, 2008, 130, 150-167.	13.7	153
12	Synthesis of PbS nanocrystallites using a novel single molecule precursors approach: X-ray single-crystal structure of Pb(S ₂ CNEtPri) ₂ . Journal of Materials Chemistry, 1997, 7, 1011-1016.	6.7	152
13	Antibacterial activity of optically transparent nanocomposite films based on chitosan or its derivatives and silver nanoparticles. Carbohydrate Research, 2012, 348, 77-83.	2.3	136
14	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.	9.0	125
15	Antibacterial paper based on composite coatings of nanofibrillated cellulose and ZnO. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2013, 417, 111-119.	4.7	123
16	Titanium dioxide/cellulose nanocomposites prepared by a controlled hydrolysis method. Composites Science and Technology, 2006, 66, 1038-1044.	7.8	117
17	Photoluminescent 3D Lanthanide-Organic Frameworks with 2,5-Pyridinedicarboxylic and 1,4-Phenylenediacetic Acids. Crystal Growth and Design, 2008, 8, 2505-2516.	3.0	112
18	Antifungal activity of transparent nanocomposite thin films of pullulan and silver against <i>Aspergillus niger</i> . Colloids and Surfaces B: Biointerfaces, 2013, 103, 143-148.	5.0	110

#	ARTICLE	IF	CITATIONS
19	Optical Fiber Sensing Using Quantum Dots. <i>Sensors</i> , 2007, 7, 3489-3534.	3.8	107
20	In Situ Synthesis of Magnetite Nanoparticles in Carrageenan Gels. <i>Biomacromolecules</i> , 2007, 8, 2350-2357.	5.4	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.	3.9	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 } 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.	6.7	104
23	Surface modification of cellulosic fibres for multi-purpose TiO ₂ based nanocomposites. <i>Composites Science and Technology</i> , 2009, 69, 1051-1056.	7.8	104
24	Chromium removal from contaminated waters using nanomaterials – A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 277-291.	11.4	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.	1.9	101
27	Polymer Grafting from CdS Quantum Dots via AGET ATRP in Miniemulsion. <i>Small</i> , 2007, 3, 1230-1236.	10.0	100
28	Silver-coated bacterial cellulosic sponges as active SERS substrates. <i>Journal of Raman Spectroscopy</i> , 2008, 39, 439-443.	2.5	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.	7.8	97
30	Synthesis and swelling behavior of temperature responsive χ -carrageenan nanogels. <i>Journal of Colloid and Interface Science</i> , 2011, 355, 512-517.	9.4	96
31	Superhydrophobic cellulose nanocomposites. <i>Journal of Colloid and Interface Science</i> , 2008, 324, 42-46.	9.4	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.	11.3	92
33	Chemical bath deposition of BiVO ₄ . <i>Thin Solid Films</i> , 2002, 406, 93-97.	1.8	89
34	Magnetic quaternary chitosan hybrid nanoparticles for the efficient uptake of diclofenac from water. <i>Carbohydrate Polymers</i> , 2019, 203, 35-44.	10.2	88
35	Recovery of Rare Earth Elements by Carbon-Based Nanomaterials – A Review. <i>Nanomaterials</i> , 2019, 9, 814.	4.1	87
36	χ -Carrageenan hydrogel nanocomposites with release behavior mediated by morphological distinct Au nanofillers. <i>Carbohydrate Polymers</i> , 2013, 91, 100-109.	10.2	86

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37	Synthesis and characterization of tungsten trioxide powders prepared from tungstic acids. Materials Research Bulletin, 2004, 39, 683-693.	5.2	83
38	Electrostatic assembly and growth of gold nanoparticles in cellulosic fibres. Journal of Colloid and Interface Science, 2007, 312, 506-512.	9.4	78
39	Impact of magnetic nanofillers in the swelling and release properties of κ -carrageenan hydrogel nanocomposites. Carbohydrate Polymers, 2012, 87, 328-335.	10.2	77
40	Synthesis, surface modification and optical properties of Tb ³⁺ -doped ZnO nanocrystals. Nanotechnology, 2006, 17, 834-839.	2.6	75
41	Three-Dimensional Lanthanide-Organic Frameworks Based on Di-, Tetra-, and Hexameric Clusters. Crystal Growth and Design, 2009, 9, 2098-2109.	3.0	71
42	Efficient sorbents based on magnetite coated with siliceous hybrid shells for removal of mercury ions. Journal of Materials Chemistry A, 2013, 1, 8134.	10.3	71
43	Screen-printing of TiO ₂ photocatalytic layers on glazed ceramic tiles. Journal of Photochemistry and Photobiology A: Chemistry, 2008, 197, 125-131.	3.9	68
44	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.	11.4	68
45	Synthesis of CdS and CdSe nanoparticles by thermolysis of diethyldithio- or diethyldiseleno-carbamates of cadmium. Journal of Materials Chemistry, 1996, 6, 343.	6.7	66
46	Unusual dye adsorption behavior of κ -carrageenan coated superparamagnetic nanoparticles. Chemical Engineering Journal, 2013, 229, 276-284.	12.7	65
47	Photocatalytic decolouration of Orange II by ZnO active layers screen-printed on ceramic tiles. Journal of Hazardous Materials, 2009, 163, 36-42.	12.4	63
48	Growth, Structural, and Optical Characterization of ZnO-Coated Cellulosic Fibers. Crystal Growth and Design, 2009, 9, 386-390.	3.0	63
49	Synthetic studies on II/VI semiconductor quantum dots. Current Opinion in Solid State and Materials Science, 2002, 6, 347-353.	11.5	62
50	Synthetic hollow zinc oxide microparticles. Materials Research Bulletin, 2001, 36, 1099-1108.	5.2	60
51	Magnetic Hybrid Nanosorbents for the Uptake of Paraquat from Water. Nanomaterials, 2017, 7, 68.	4.1	59
52	The Synthesis of SiO ₂ @CdS Nanocomposites Using Single-Molecule Precursors. Chemistry of Materials, 2002, 14, 2900-2904.	6.7	58
53	Synthesis and characterization of new CaCO ₃ /cellulose nanocomposites prepared by controlled hydrolysis of dimethylcarbonate. Carbohydrate Polymers, 2010, 79, 1150-1156.	10.2	58
54	Luminescent Polyoxotungstoeuropate Anion-Pillared Layered Double Hydroxides. European Journal of Inorganic Chemistry, 2006, 2006, 726-734.	2.0	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.	3.0	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.	1.9	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.	2.4	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.	4.7	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.	2.2	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.	2.3	53
63	Fluorescent Bioactive Corrole Grafted-Chitosan Films. <i>Biomacromolecules</i> , 2016, 17, 1395-1403.	5.4	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.	5.5	53
65	Biofunctionalisation of colloidal gold nanoparticles via polyelectrolytes assemblies. <i>Colloid and Polymer Science</i> , 2014, 292, 33-50.	2.1	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.	1.3	51
67	Hybrid nanoadsorbents for the magnetically assisted removal of metoprolol from water. <i>Chemical Engineering Journal</i> , 2016, 302, 560-569.	12.7	51
68	Photothermally enhanced drug release by κ -carrageenan hydrogels reinforced with multi-walled carbon nanotubes. <i>RSC Advances</i> , 2013, 3, 10828.	3.6	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.	3.8	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.	2.8	47
71	Recent advances on magnetic biosorbents and their applications for water treatment. <i>Environmental Chemistry Letters</i> , 2020, 18, 151-164.	16.2	46
72	Biofunctionalized magnetic hydrogel nanospheres of magnetite and κ -carrageenan. <i>Nanotechnology</i> , 2009, 20, 355602.	2.6	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.	7.2	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.	4.0	44
75	Chemical bath deposition of cerium doped BiVO ₄ . <i>Dyes and Pigments</i> , 2003, 59, 181-184.	3.7	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.	2.0	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.	12.7	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.	2.2	39
79	Growth of BiVO ₄ particles in cellulosic fibres by in situ reaction. <i>Dyes and Pigments</i> , 2005, 65, 125-127.	3.7	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.	3.5	39
81	Lanthanide Complexes of 2,6-Dihydroxybenzoic Acid: Synthesis, Crystal Structures and Luminescent Properties of [nBu 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.	2.0	38
82	Polymer Encapsulation of CdE (E = S, Se) Quantum Dot Ensembles via <I>In-Situ</I> 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.	2.0	38
84	Effects of Au nanoparticles on thermoresponsive genipin-crosslinked gelatin hydrogels. <i>Gold Bulletin</i> , 2013, 46, 25-33.	2.4	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.	8.0	38
86	Magnetic Driven Nanocarriers for pH-Responsive Doxorubicin Release in Cancer Therapy. <i>Molecules</i> , 2020, 25, 333.	3.8	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.	9.4	37
88	Growth and Chemical Stability of Copper Nanostructures on Cellulosic Fibers. <i>European Journal of Inorganic Chemistry</i> , 2012, 2012, 5043-5049.	2.0	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.	4.7	36
90	Photoluminescent, transparent and flexible di-ureasil hybrids containing CdSe/ZnS quantum dots. <i>Nanotechnology</i> , 2008, 19, 155601.	2.6	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.	7.5	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.	2.1	35
93	Preparation and optical properties of CdSe/polymer nanocomposites. <i>Scripta Materialia</i> , 2000, 43, 567-571.	5.2	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.	8.0	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.	5.0	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.	6.7	32
97	Carbon-based heterogeneous photocatalysts for water cleaning technologies: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 643-668.	16.2	32
98	Coordination modes of pyridine-carboxylic acid derivatives in samarium (III) complexes. <i>Polyhedron</i> , 2006, 25, 2471-2482.	2.2	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.	3.6	31
101	Magnetite-Supported Gold Nanostars for the Uptake and SERS Detection of Tetracycline. <i>Nanomaterials</i> , 2019, 9, 31.	4.1	31
102	Functionalization of Graphene Oxide with Porphyrins: Synthetic Routes and Biological Applications. <i>ChemPlusChem</i> , 2020, 85, 1857-1880.	2.8	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.	3.5	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.	5.0	29

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109	Synthesis of nanocrystalline ZnS using biologically generated sulfide. Hydrometallurgy, 2012, 117-118, 57-63.	4.3	29
110	Fluorescent Magnetic Bioprobes by Surface Modification of Magnetite Nanoparticles. Materials, 2013, 6, 3213-3225.	2.9	29
111	An ionic liquid route to prepare copper sulphide nanocrystals aiming at photocatalytic applications. RSC Advances, 2016, 6, 34521-34528.	3.6	29
112	The role of surface functionalization of silica nanoparticles for bioimaging. Journal of Innovative Optical Health Sciences, 2016, 09, 1630005.	1.0	29
113	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.	5.0	29
114	Carrageenan-Silica Hybrid Nanoparticles Prepared by a Non-Emulsion Method. European Journal of Inorganic Chemistry, 2015, 2015, 4588-4594.	2.0	28
115	Effects of emerging contaminants on neurotransmission and biotransformation in marine organisms – An in vitro approach. Marine Pollution Bulletin, 2016, 106, 236-244.	5.0	28
116	Functionalized Inorganic Nanoparticles for Magnetic Separation and SERS Detection of Water Pollutants. European Journal of Inorganic Chemistry, 2018, 2018, 3443-3461.	2.0	28
117	Remediation of arsenic from contaminated seawater using manganese spinel ferrite nanoparticles: Ecotoxicological evaluation in Mytilus galloprovincialis. Environmental Research, 2019, 175, 200-212.	7.5	28
118	From Single-Molecule Precursors to Coupled Ag ₂ S/TiO ₂ Nanocomposites. European Journal of Inorganic Chemistry, 2008, 2008, 4380-4386.	2.0	27
119	High-throughput tool to discriminate effects of NMs (Cu-NPs, Cu-nanowires, CuNO ₃ , and Tj ETQq1 1.0, 784314, rgBT /Over	3.0	27
120	Precursor chemistry: remaining challenges and some novel approaches. Journal of Crystal Growth, 1997, 170, 23-29.	1.5	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. Polyhedron, 2005, 24, 563-569.	2.2	26
122	A novel cobalt(II)–molybdenum(V) phosphate organic–inorganic hybrid polymer. Journal of Solid State Chemistry, 2006, 179, 1497-1505.	2.9	26
123	Rheological behavior of thermoreversible κ -carrageenan/nanosilica gels. Journal of Colloid and Interface Science, 2008, 320, 575-581.	9.4	26
124	Determination of anionic surface active agents using silica coated magnetite nanoparticles modified with cationic surfactant aggregates. Journal of Chromatography A, 2013, 1299, 25-32.	3.7	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. Chemosphere, 2015, 135, 304-311.	8.2	26
126	Crystallization behaviour of new poly(tetramethyleneterephthalamide) nanocomposites containing SiO ₂ fillers with distinct morphologies. Composites Part B: Engineering, 2005, 36, 51-59.	12.0	25

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127	A green-emitting CdSe/poly(butyl acrylate) nanocomposite. <i>Nanotechnology</i> , 2005, 16, 1969-1973.	2.6	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.	2.3	25
129	Polymer@gold Nanoparticles Prepared via RAFT Polymerization for Opto-Biodetection. <i>Polymers</i> , 2018, 10, 189.	4.5	25
130	One-dimensional coordination polymer of N-(phosphonomethyl)iminodiacetic acid with iron(II). <i>Journal of Molecular Structure</i> , 2006, 789, 200-208.	3.6	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.	2.0	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.	3.9	23
135	Colloidal dendritic nanostructures of gold and silver for SERS analysis of water pollutants. <i>Journal of Molecular Liquids</i> , 2021, 337, 116608.	4.9	23
136	Carrageenan-grafted magnetite nanoparticles as recyclable sorbents for dye removal. <i>Journal of Nanoparticle Research</i> , 2015, 17, 1.	1.9	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.	11.3	22
138	Tailoring gold and silver colloidal bimetallic nanoalloys towards SERS detection of rhodamine 6G. <i>RSC Advances</i> , 2017, 7, 15944-15951.	3.6	22
139	Magnetic Hydrogel Nanocomposites and Composite Nanoparticles - a Review of Recent Patented Works. <i>Recent Patents on Nanotechnology</i> , 2013, 7, 153-166.	1.3	22
140	Preparation of photoluminescent monolayers based on a polyoxotungstoeuropate. <i>Journal of Alloys and Compounds</i> , 2004, 374, 371-376.	5.5	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] ₂ ·8H ₂ O. <i>Journal of Molecular Structure</i> , 2005, 737, 221-229.	3.6	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.	3.6	21
143	Hydrothermal synthesis, structural characterisation and magnetic behaviour of (4,4'-bpyH) ₂ [M(4,4'-bpy)(H ₂ O) ₄][V ₂ O ₂ (pmida) ₂] ₂ ·2H ₂ O (M=Mn ²⁺ and Co ²⁺). <i>Inorganica Chimica Acta</i> , 2006, 359, 1147-1158.	20.6	21
144	Shaping Gold Nanocomposites with Tunable Optical Properties. <i>Langmuir</i> , 2010, 26, 11407-11412.	3.5	21

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145	Uptake of Europium(III) from Water using Magnetite Nanoparticles. Particle and Particle Systems Characterization, 2016, 33, 150-157.	2.3	21
146	Biological synthesis of nanosized sulfide semiconductors: current status and future prospects. Applied Microbiology and Biotechnology, 2016, 100, 8283-8302.	3.6	21
147	Porous Carrageenan-Derived Carbons for Efficient Ciprofloxacin Removal from Water. Nanomaterials, 2018, 8, 1004.	4.1	21
148	Lead(II) dithiocarbamate complexes as precursors for the LP-MOCVD of lead sulfide. Chemical Vapor Deposition, 1997, 3, 75-77.	1.3	20
149	Zinc Sulfide Nanocoating of Silica Submicron Spheres Using a Single-source Method. Journal of Nanoscience and Nanotechnology, 2004, 4, 146-150.	0.9	20
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