

Nelson Durã;n

List of Publications by Year in descending order

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369
papers

21,907
citations

10986

71
h-index

11607

135
g-index

374
all docs

374
docs citations

374
times ranked

25340
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Trametes versicolour</i> laccase immobilization by covalent binding and its application in Kraft E ₁ effluent pre-treated with ozone. <i>Biocatalysis and Biotransformation</i> , 2023, 41, 270-278.	2.0	2
2	Chitosan-coated poly (ϵ -caprolactone) nanoparticles as acaricide carriers. <i>Ticks and Tick-borne Diseases</i> , 2022, 13, 101849.	2.7	2
3	Nanoremediation of toxic contaminants from the environment: challenges and scopes. , 2022, , 601-615.		1
4	Impact of intravesical instillation of a novel biological response modifier (P-MAPA) on progress of non-muscle invasive bladder cancer treatment in a rat model. <i>Medical Oncology</i> , 2022, 39, 24.	2.5	2
5	Effects of combined OncoTherad immunotherapy and probiotic supplementation on modulating the chronic inflammatory process in colorectal carcinogenesis. <i>Tissue and Cell</i> , 2022, 75, 101747.	2.2	7
6	Differentially expressed plasmatic microRNAs in Brazilian patients with Coronavirus disease 2019 (COVID-19): preliminary results. <i>Molecular Biology Reports</i> , 2022, 49, 6931-6943.	2.3	12
7	Biogenic Silver Nanoparticles Strategically Combined With <i>Origanum vulgare</i> Derivatives: Antibacterial Mechanism of Action and Effect on Multidrug-Resistant Strains. <i>Frontiers in Microbiology</i> , 2022, 13, .	3.5	10
8	Prodigiosin: a promising biomolecule with many potential biomedical applications. <i>Bioengineered</i> , 2022, 13, 14227-14258.	3.2	17
9	Violacein negatively modulates the colorectal cancer survival and epithelial-mesenchymal transition. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 1247-1258.	2.6	3
10	Violacein switches off low molecular weight tyrosine phosphatase and rewires mitochondria in colorectal cancer cells. <i>Bioorganic Chemistry</i> , 2022, 127, 106000.	4.1	1
11	Editorial: Lipid Nanoparticles as a Novel Strategy to Deliver Bioactive Molecules. <i>Frontiers in Chemistry</i> , 2021, 9, 655480.	3.6	1
12	Amazonian tuber starch based films incorporated with silver nanoparticles for preservation of fruits. <i>Research, Society and Development</i> , 2021, 10, e23510615304.	0.1	4
13	Multi-target drug with potential applications: violacein in the spotlight. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 151.	3.6	19
14	Patents on Violacein: A Compound with Great Diversity of Biological Activities and Industrial Potential. <i>Recent Patents on Biotechnology</i> , 2021, 15, 102-111.	0.8	5
15	Current applications of nanotechnology to develop plant growth inducer agents as an innovation strategy. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 15-30.	9.0	52
16	P-mapa, a promisor immunomodulator against tumor cells of colonic tissues: An investigation of the action mechanism over the TLR4 signaling pathway. <i>Life Sciences</i> , 2020, 242, 117185.	4.3	0
17	Thiol-antioxidants interfere with assessing silver nanoparticle cytotoxicity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020, 24, 102130.	3.3	15
18	New Sustainable Process for Hesperidin Isolation and Anti-Ageing Effects of Hesperidin Nanocrystals. <i>Molecules</i> , 2020, 25, 4534.	3.8	45

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19	Trypanosomatid-Caused Conditions: State of the Art of Therapeutics and Potential Applications of Lipid-Based Nanocarriers. <i>Frontiers in Chemistry</i> , 2020, 8, 601151.	3.6	9
20	Assessment of in vitro cytotoxicity of imidazole ionic liquids and inclusion in targeted drug carriers containing violacein. <i>RSC Advances</i> , 2020, 10, 29336-29346.	3.6	19
21	Hybrid graphene oxide as carrier of doxorubicin: cytotoxicity and preliminary in vivo assays against bladder cancer. <i>Advances in Natural Sciences: Nanoscience and Nanotechnology</i> , 2020, 11, 025016.	1.5	1
22	What is the potential use of platelet-rich-plasma (PRP) in cancer treatment? A mini review. <i>Heliyon</i> , 2020, 6, e03660.	3.2	16
23	Biogenic silver nanoparticles: In vitro and in vivo antitumor activity in bladder cancer. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2020, 151, 162-170.	4.3	26
24	What do we Really Know about Nanotoxicology of Silver Nanoparticles In vivo? New Aspects, Possible Mechanisms, and Perspectives. <i>Current Nanoscience</i> , 2020, 16, 292-320.	1.2	11
25	SÃntese verde de nanopartÃculas de prata intermediada por fungo anamÃrfico e eficÃcia antibacteriana e antifÃngica. <i>Boletim Do Museu Paraense EmÃlio Goeldi CiÃncias Naturais (Impresso)</i> , 2020, 15, 433-443.	0.2	1
26	Nanoformulation as a tool for improvement of thiamethoxam encapsulation and evaluation of ecotoxicological impacts. <i>Energy, Ecology and Environment</i> , 2019, 4, 310-317.	3.9	7
27	Violacein@Biogenic Ag system: synergistic antibacterial activity against <i>Staphylococcus aureus</i> . <i>Biotechnology Letters</i> , 2019, 41, 1433-1437.	2.2	8
28	Toxicity removal by <i>Daphnia similis</i> assay in BTEX contaminated groundwater using nanometric TiO ₂ /ZrO ₂ film and black light. <i>Journal of Physics: Conference Series</i> , 2019, 1323, 012012.	0.4	2
29	Development of biocarrier for violacein controlled release in the treatment of cancer. <i>Reactive and Functional Polymers</i> , 2019, 136, 122-130.	4.1	11
30	Green synthesis of silver nanoparticles: effect of synthesis reaction parameters on antimicrobial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 88.	3.6	109
31	Effect of carbon nanotubes on the biodegradability of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48020.	2.6	10
32	PHBV/MWCNT Films: Hydrophobicity, Thermal and Mechanical Properties as a Function of MWCNT Concentration. <i>Journal of Composites Science</i> , 2019, 3, 12.	3.0	11
33	In vitro cardiotoxicity evaluation of graphene oxide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 841, 8-13.	1.7	31
34	Biogenic Silver Nanoparticles as a Post-surgical Treatment for <i>Corynebacterium pseudotuberculosis</i> Infection in Small Ruminants. <i>Frontiers in Microbiology</i> , 2019, 10, 824.	3.5	28
35	Nitric Oxide-Releasing Engineered Nanoparticles: Tools for Overcoming Drug Resistance in Chemotherapy. , 2019, , 3-28.		2
36	OncoTherad: A New Nanobiological Response Modifier, its Toxicological and Anticancer Activities. <i>Journal of Physics: Conference Series</i> , 2019, 1323, 012018.	0.4	7

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37	N-Acetylcysteine reverses silver nanoparticle intoxication in rats. <i>Nanotoxicology</i> , 2019, 13, 326-338.	3.0	18
38	Antifungal activity of silver nanoparticles and simvastatin against toxigenic species of <i>Aspergillus</i> . <i>International Journal of Food Microbiology</i> , 2019, 291, 79-86.	4.7	116
39	Nitric oxide donors for prostate and bladder cancers: Current state and challenges. <i>European Journal of Pharmacology</i> , 2018, 826, 158-168.	3.5	27
40	Synthesis of extracellular gold nanoparticles using <i>Cupriavidus metallidurans</i> CH34 cells. <i>IET Nanobiotechnology</i> , 2018, 12, 40-46.	3.8	24
41	Effects of intravesical therapy with platelet-rich plasma (PRP) and <i>Bacillus Calmette-Guérin</i> (BCG) in non-muscle invasive bladder cancer. <i>Tissue and Cell</i> , 2018, 52, 17-27.	2.2	19
42	Biogenic silver nanoparticles inducing <i>Leishmania amazonensis</i> promastigote and amastigote death in vitro. <i>Acta Tropica</i> , 2018, 178, 46-54.	2.0	69
43	Cellulose nanocrystals as carriers in medicine and their toxicities: A review. <i>Carbohydrate Polymers</i> , 2018, 181, 514-527.	10.2	179
44	NMR insights on nano silver post-surgical treatment of superficial caseous lymphadenitis in small ruminants. <i>RSC Advances</i> , 2018, 8, 40778-40786.	3.6	12
45	Solid Lipid Nanoparticles for Dibucaine Sustained Release. <i>Pharmaceutics</i> , 2018, 10, 231.	4.5	31
46	Electron Paramagnetic Resonance and Small-Angle X-ray Scattering Characterization of Solid Lipid Nanoparticles and Nanostructured Lipid Carriers for Dibucaine Encapsulation. <i>Langmuir</i> , 2018, 34, 13296-13304.	3.5	19
47	Nanopharmaceuticals and Their Applications in Bladder Cancer Therapy: a Mini Review. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	3
48	Development and Tailoring of Hybrid Lipid Nanocarriers. <i>Current Pharmaceutical Design</i> , 2018, 23, 6643-6658.	1.9	15
49	Biogenic Synthesized Ag/Au Nanoparticles: Production, Characterization, and Applications. <i>Current Nanoscience</i> , 2018, 14, 82-94.	1.2	43
50	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. <i>Acta Tropica</i> , 2017, 170, 16-42.	2.0	51
51	Design, characterization and in vitro evaluation of linalool-loaded solid lipid nanoparticles as potent tool in cancer therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 154, 123-132.	5.0	94
52	Antimicrobial textiles: Biogenic silver nanoparticles against <i>Candida</i> and <i>Xanthomonas</i> . <i>Materials Science and Engineering C</i> , 2017, 75, 582-589.	7.3	119
53	Action and function of <i>Chromobacterium violaceum</i> in health and disease: Violacein as a promising metabolite to counteract gastroenterological diseases. <i>Bailliere's Best Practice and Research in Clinical Gastroenterology</i> , 2017, 31, 649-656.	2.4	17
54	Interaction of violacein in models for cellular membranes: Regulation of the interaction by the lipid composition at the air-water interface. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 247-253.	5.0	27

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55	<i>In vivo</i> nanotoxicological profile of graphene oxide. Journal of Physics: Conference Series, 2017, 838, 012026.	0.4	7
56	Additive interaction of carbon dots extracted from soluble coffee and biogenic silver nanoparticles against bacteria. Journal of Physics: Conference Series, 2017, 838, 012028.	0.4	16
57	Antibacterial activity of nitric oxide releasing silver nanoparticles. Journal of Physics: Conference Series, 2017, 838, 012031.	0.4	19
58	Polymeric film of 6-arm-poly(ethylene glycol) amine graphene oxide with poly (μ -caprolactone): Adherence and growth of adipose derived mesenchymal stromal cells culture on rat bladder. Journal of Physics: Conference Series, 2017, 838, 012035.	0.4	2
59	Electrospun poly(ethylene oxide)/chitosan nanofibers with cellulose nanocrystals as support for cell culture of 3T3 fibroblasts. Cellulose, 2017, 24, 3353-3365.	4.9	33
60	Silver nanoparticles in dentistry. Dental Materials, 2017, 33, 1110-1126.	3.5	213
61	Silver Nanoparticles for Treatment of Neglected Diseases. , 2017, , 39-51.		1
62	Natural lipids in nanostructured lipid carriers and its cytotoxicity. Journal of Physics: Conference Series, 2017, 838, 012027.	0.4	4
63	Development of double emulsion nanoparticles for the encapsulation of bovine serum albumin. Colloids and Surfaces B: Biointerfaces, 2017, 158, 190-196.	5.0	20
64	Use of nanoparticles as a potential antimicrobial for food packaging. , 2017, , 413-447.		14
65	Characterization of PCL and Chitosan Nanoparticles as Carriers of Enoxaparin and Its Antithrombotic Effect in Animal Models of Venous Thrombosis. Journal of Nanotechnology, 2017, 2017, 1-7.	3.4	12
66	Nitric Oxide Donors for Treating Neglected Diseases. , 2017, , 25-53.		5
67	Silver and Silver Chloride Nanoparticles and their Anti-Tick Activity: a Mini Review. Journal of the Brazilian Chemical Society, 2017, , .	0.6	3
68	Nanotherapy: a next generation hallmark for combating cancer. , 2017, , 811-830.		2
69	Antibacterial Combination of Oleoresin from <i>Copaifera multijuga</i> Hayne and Biogenic Silver Nanoparticles Towards <i>Streptococcus agalactiae</i> . Current Pharmaceutical Biotechnology, 2017, 18, 177-190.	1.6	13
70	Nanoparticulated Nitric Oxide Donors and their Biomedical Applications. Mini-Reviews in Medicinal Chemistry, 2017, 17, 216-223.	2.4	32
71	Nanobiotechnology Solutions against <i>Aedes aegypti</i> . Journal of the Brazilian Chemical Society, 2016, , .	0.6	4
72	Preparation and Characterization of Maleic Anhydride Grafted Poly(Hydroxybutyrate-CO-Hydroxyvalerate) " PHBV-g-MA. Materials Research, 2016, 19, 229-235.	1.3	40

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73	Synergistic and Additive Effect of Oregano Essential Oil and Biological Silver Nanoparticles against Multidrug-Resistant Bacterial Strains. <i>Frontiers in Microbiology</i> , 2016, 7, 760.	3.5	115
74	Nanobiotechnology of Carbon Dots: A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1323-1347.	1.1	44
75	Increased toll-like receptors and p53 levels regulate apoptosis and angiogenesis in non-muscle invasive bladder cancer: mechanism of action of P-MAPA biological response modifier. <i>BMC Cancer</i> , 2016, 16, 422.	2.6	36
76	Production of silver nanoparticles using yeasts and evaluation of their antifungal activity against phytopathogenic fungi. <i>Process Biochemistry</i> , 2016, 51, 1306-1313.	3.7	101
77	Violacein induces death of RAS-mutated metastatic melanoma by impairing autophagy process. <i>Tumor Biology</i> , 2016, 37, 14049-14058.	1.8	19
78	Antimicrobial activity of biogenic silver nanoparticles, and silver chloride nanoparticles: an overview and comments. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6555-6570.	3.6	203
79	Advances in <i>Chromobacterium violaceum</i> and properties of violacein-Its main secondary metabolite: A review. <i>Biotechnology Advances</i> , 2016, 34, 1030-1045.	11.7	126
80	Doxorubicin-Functionalized Silica Nanoparticles Incorporated into a Thermoreversible Hydrogel and Intraperitoneally Administered Result in High Prostate Antitumor Activity and Reduced Cardiotoxicity of Doxorubicin. <i>ACS Biomaterials Science and Engineering</i> , 2016, 2, 1190-1199.	5.2	35
81	Smart lipid nanoparticles containing levofloxacin and DNase for lung delivery. Design and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 168-176.	5.0	83
82	Nanotoxicology of Carbon-Based Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2016, , 105-137.	0.2	2
83	Silver nanoparticles: A new view on mechanistic aspects on antimicrobial activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 789-799.	3.3	1,082
84	Combination of fluconazole with silver nanoparticles produced by <i>Fusarium oxysporum</i> improves antifungal effect against planktonic cells and biofilm of drug-resistant <i>Candida albicans</i> . <i>Medical Mycology</i> , 2016, 54, 428-432.	0.7	62
85	Silver nanoparticles/silver chloride (Ag/AgCl) synthesized from <i>Fusarium oxysporum</i> acting against <i>Klebsiella pneumoniae</i> carbapenemase (KPC) and extended spectrum beta-lactamase (ESBL). <i>Frontiers in Nanoscience and Nanotechnology</i> , 2016, 2, 107-110.	0.3	22
86	Silver nanoparticle protein corona and toxicity: a mini-review. <i>Journal of Nanobiotechnology</i> , 2015, 13, 55.	9.1	257
87	Interlab study on nanotoxicology of representative graphene oxide. <i>Journal of Physics: Conference Series</i> , 2015, 617, 012019.	0.4	7
88	Graphene oxide sheets-based platform for induced pluripotent stem cells culture: toxicity, adherence, growth and application. <i>Journal of Physics: Conference Series</i> , 2015, 617, 012021.	0.4	3
89	Monitoring the Hemolytic Effect of Mesoporous Silica Nanoparticles after Human Blood Protein Corona Formation. <i>European Journal of Inorganic Chemistry</i> , 2015, 2015, 4595-4602.	2.0	38
90	Nanotoxicology of Metal Oxide Nanoparticles. <i>Metals</i> , 2015, 5, 934-975.	2.3	172

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91	Violacein Treatment Modulates Acute and Chronic Inflammation through the Suppression of Cytokine Production and Induction of Regulatory T Cells. PLoS ONE, 2015, 10, e0125409.	2.5	25
92	Effect of Eugenol against <i>Streptococcus agalactiae</i> and Synergistic Interaction with Biologically Produced Silver Nanoparticles. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	1.2	38
93	Synthesis of silver nanoparticles by <i>Phoma gardeniae</i> and <i>in vitro</i> evaluation of their efficacy against human disease-causing bacteria and fungi. IET Nanobiotechnology, 2015, 9, 71-75.	3.8	51
94	Nanoparticles-Based Delivery Systems in Plant Genetic Transformation. , 2015, , 209-239.		7
95	Catalytic role of traditional enzymes for biosynthesis of biogenic metallic nanoparticles: a mini-review. IET Nanobiotechnology, 2015, 9, 314-323.	3.8	50
96	Nanodevices for the immobilization of therapeutic enzymes. Critical Reviews in Biotechnology, 2015, 36, 1-18.	9.0	54
97	Effect of MWCNT functionalization on thermal and electrical properties of PHBV/MWCNT nanocomposites. Journal of Materials Research, 2015, 30, 55-65.	2.6	123
98	Fungi as an efficient mycosystem for the synthesis of metal nanoparticles: progress and key aspects of research. Biotechnology Letters, 2015, 37, 2099-2120.	2.2	153
99	Enhanced Materials from Nature: Nanocellulose from Citrus Waste. Molecules, 2015, 20, 5908-5923.	3.8	116
100	Advances in Dental Materials through Nanotechnology: Facts, Perspectives and Toxicological Aspects. Trends in Biotechnology, 2015, 33, 621-636.	9.3	159
101	Polymeric Nanoparticles of Enoxaparin as a Delivery System: In Vivo Evaluation in Normal Rats and in a Venous Thrombosis Rat Model. Journal of Nanoscience and Nanotechnology, 2015, 15, 4837-4843.	0.9	9
102	Three <i>Phoma</i> spp. synthesised novel silver nanoparticles that possess excellent antimicrobial efficacy. IET Nanobiotechnology, 2015, 9, 280-287.	3.8	36
103	Graphene Oxide: A Carrier for Pharmaceuticals and a Scaffold for Cell Interactions. Current Topics in Medicinal Chemistry, 2015, 15, 309-327.	2.1	45
104	Emerging Role of Nanocarriers in Delivery of Nitric Oxide for Sustainable Agriculture. , 2015, , 183-207.		1
105	Alterations in ubiquitin ligase Siah-2 and its corepressor N-CoR after P-MAPA immunotherapy and anti-androgen therapy: new therapeutic opportunities for non-muscle invasive bladder cancer. International Journal of Clinical and Experimental Pathology, 2015, 8, 4427-43.	0.5	7
106	Biogenic silver nanoparticles associated with silver chloride nanoparticles (Ag@AgCl) produced by laccase from <i>Trametes versicolor</i> . SpringerPlus, 2014, 3, 645.	1.2	56
107	In Vitro Cytotoxicity Assays of Nanoparticles on Different Cell Lines. Nanomedicine and Nanotoxicology, 2014, , 111-123.	0.2	4
108	β -Glucosidase immobilisation on synthetic superparamagnetic magnetite nanoparticles and their application in saccharification of wheat straw and <i>Eucalyptus globulus</i> pulps. Journal of Experimental Nanoscience, 2014, 9, 177-185.	2.4	19

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109	Preparation of an agar-silver nanoparticles (Ag-Np) film for increasing the shelf-life of fruits. IET Nanobiotechnology, 2014, 8, 190-195.	3.8	25
110	Broad-spectrum bioactivities of silver nanoparticles: the emerging trends and future prospects. Applied Microbiology and Biotechnology, 2014, 98, 1951-1961.	3.6	341
111	Eco-friendly decoration of graphene oxide with biogenic silver nanoparticles: antibacterial and antibiofilm activity. Journal of Nanoparticle Research, 2014, 16, 1.	1.9	75
112	Green synthesis of silver nanoparticles by <i>Phoma glomerata</i> . Micron, 2014, 59, 52-59.	2.2	126
113	Bioactivity, mechanism of action, and cytotoxicity of copper-based nanoparticles: A review. Applied Microbiology and Biotechnology, 2014, 98, 1001-1009.	3.6	408
114	Cytotoxicity and Genotoxicity of Biogenically Synthesized Silver Nanoparticles. Nanomedicine and Nanotoxicology, 2014, , 245-263.	0.2	12
115	Cyto-, Geno-, and Ecotoxicity of Copper Nanoparticles. Nanomedicine and Nanotoxicology, 2014, , 325-345.	0.2	7
116	Nanotoxicity of Graphene and Graphene Oxide. Chemical Research in Toxicology, 2014, 27, 159-168.	3.3	729
117	In vitro antifungal efficacy of copper nanoparticles against selected crop pathogenic fungi. Materials Letters, 2014, 115, 13-17.	2.6	316
118	Nanosilver: an inorganic nanoparticle with myriad potential applications. Nanotechnology Reviews, 2014, 3, .	5.8	37
119	Nanoremediation. , 2014, , 233-250.		18
120	Topography-driven bionano-interactions on colloidal silica nanoparticles. ACS Applied Materials & Interfaces, 2014, 6, 3437-3447.	8.0	27
121	Nano carriers for nitric oxide delivery and its potential applications in plant physiological process: A mini review. Journal of Plant Biochemistry and Biotechnology, 2014, 23, 1-10.	1.7	53
122	Preparation and Application of Mucoadhesive Nanoparticles Containing Enoxaparin in a Wound Healing Animal Model. Current Nanoscience, 2014, 10, 779-785.	1.2	3
123	Cytotoxicity and Genotoxicity of Solid Lipid Nanoparticles. Nanomedicine and Nanotoxicology, 2014, , 229-244.	0.2	1
124	Bioremediation and Biotransformation of Carbon Nanostructures Through Enzymatic and Microbial Systems. , 2014, , 101-121.		0
125	Screening of different species of <i>Phoma</i> for the synthesis of silver nanoparticles. Biotechnology and Applied Biochemistry, 2013, 60, 482-493.	3.1	30
126	Influence of Protein Corona on the Transport of Molecules into Cells by Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2013, 5, 8387-8393.	8.0	57

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127	Antibacterial activity of extracellular compounds produced by a <i>Pseudomonas</i> strain against methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) strains. <i>Annals of Clinical Microbiology and Antimicrobials</i> , 2013, 12, 12.	3.8	88
128	Redox enzymes, cells and microorganisms acting on carbon nanostructures transformation: A mini-review. <i>Biotechnology Progress</i> , 2013, 29, 1-10.	2.6	17
129	Structural Effects of Dibucaine Encapsulation into Solid Lipid Nanoparticles and Nanostructured Lipid Carriers. <i>Biophysical Journal</i> , 2013, 104, 344a.	0.5	1
130	Nanobiotechnology perspectives. Role of nanotechnology in the food industry: a review. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1127-1134.	2.7	184
131	Biogenic nanoparticles: copper, copper oxides, copper sulphides, complex copper nanostructures and their applications. <i>Biotechnology Letters</i> , 2013, 35, 1365-1375.	2.2	157
132	Biological applications of peptides nanotubes: An overview. <i>Peptides</i> , 2013, 39, 47-54.	2.4	59
133	Insulin-Loaded Poly(μ -Caprolactone) Nanoparticles: Efficient, Sustained and Safe Insulin Delivery System. <i>Journal of Biomedical Nanotechnology</i> , 2013, 9, 1098-1106.	1.1	18
134	Development of a Sustained-release System for Nitric Oxide Delivery using Alginate/Chitosan Nanoparticles. <i>Current Nanoscience</i> , 2013, 9, 1-7.	1.2	4
135	Biogenic synthesis of nanostructured iron compounds: applications and perspectives. <i>IET Nanobiotechnology</i> , 2013, 7, 90-99.	3.8	76
136	New Hybrid Material Based on Layered Double Hydroxides and Biogenic Silver Nanoparticles: Antimicrobial Activity and Cytotoxic Effect. <i>Journal of the Brazilian Chemical Society</i> , 2013, 24, 266-272.	0.6	29
137	Nanocellulose and Bioethanol Production from Orange Waste using Isolated Microorganisms. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	22
138	Screening of Different <i>Fusarium</i> Species to Select Potential Species for the Synthesis of Silver Nanoparticles. <i>Journal of the Brazilian Chemical Society</i> , 2013, , .	0.6	9
139	Review of Cellulose Nanocrystals Patents: Preparation, Composites and General Applications. <i>Recent Patents on Nanotechnology</i> , 2012, 6, 16-28.	1.3	95
140	Nanotechnology Allied to Nitric Oxide Release Materials for Dermatological Applications. <i>Current Nanoscience</i> , 2012, 8, 520-525.	1.2	24
141	The violacein biosynthesis monitored by multi-wavelength fluorescence spectroscopy and by the PARAFAC method. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 2054-2064.	0.6	4
142	Biomedical applications of nanobiosensors: the state-of-the-art. <i>Journal of the Brazilian Chemical Society</i> , 2012, , .	0.6	22
143	Effects of P-MAPA Immunomodulator on Toll-Like Receptors and p53: Potential Therapeutic Strategies for Infectious Diseases and Cancer. <i>Infectious Agents and Cancer</i> , 2012, 7, 14.	2.6	40
144	Biotechnological Routes to Metallic Nanoparticles Production: Mechanistic Aspects, Antimicrobial Activity, Toxicity and Industrial Applications. , 2012, , 337-374.		13

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145	Nano-Silver Toxicity: Emerging Concerns and Consequences in Human Health. , 2012, , 525-548.		24
146	Processing and characterization of composites of poly(3-hydroxybutyrate- <i>co</i> -hydroxyvalerate) and lignin from sugar cane bagasse. Journal of Composite Materials, 2012, 46, 417-425.	2.4	55
147	Silver nanoparticles: a brief review of cytotoxicity and genotoxicity of chemically and biogenically synthesized nanoparticles. Journal of Applied Toxicology, 2012, 32, 867-879.	2.8	435
148	Potential applications of violacein: a microbial pigment. Medicinal Chemistry Research, 2012, 21, 1524-1532.	2.4	99
149	Metallic oxide nanoparticles: state of the art in biogenic syntheses and their mechanisms. Applied Microbiology and Biotechnology, 2012, 95, 275-288.	3.6	101
150	Chitosan-solid lipid nanoparticles as carriers for topical delivery of tretinoin. Colloids and Surfaces B: Biointerfaces, 2012, 93, 36-40.	5.0	147
151	Retinyl palmitate polymeric nanocapsules as carriers of bioactives. Journal of Colloid and Interface Science, 2012, 382, 36-47.	9.4	20
152	Violacein Induces Death of Resistant Leukaemia Cells via Kinome Reprogramming, Endoplasmic Reticulum Stress and Golgi Apparatus Collapse. PLoS ONE, 2012, 7, e45362.	2.5	42
153	Microbial Syntheses of Metallic Sulfide Nanoparticles: An Overview. Current Biotechnology, 2012, 1, 287-296.	0.4	18
154	491 PUTATIVE CANCER STEM CELLS (CSCS) SIGNALING AFTER IMMUNOTHERAPY WITH BACILLUS CALMETTE-GUERIN (BCG) AND P-MAPA IN THE SUPERFICIAL BLADDER CANCER (SBC). Journal of Urology, 2011, 185, .	0.4	2
155	Topical Application of Nanostructures: Solid Lipid, Polymeric and Metallic Nanoparticles. , 2011, , 69-99.		4
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157	DILUTED ACID PRETREATMENT OF PINUS RADIATA FOR BIOETHANOL PRODUCTION USING IMMOBILIZED SACCHAROMYCES CEREVISIAE IR2-9 IN A SIMULTANEOUS SACCHARIFICATION AND FERMENTATION PROCESS. Journal of the Chilean Chemical Society, 2011, 56, 901-906.	1.2	5
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