

Nelson Durã;n

List of Publications by Year in descending order

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369
papers

21,907
citations

10956

71
h-index

11581

135
g-index

374
all docs

374
docs citations

374
times ranked

25340
citing authors

#	ARTICLE	IF	CITATIONS
1	Silver nanoparticles: A new view on mechanistic aspects on antimicrobial activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016, 12, 789-799.	1.7	1,082
2	Mechanistic aspects of biosynthesis of silver nanoparticles by several <i>Fusarium oxysporum</i> strains. <i>Journal of Nanobiotechnology</i> , 2005, 3, 8.	4.2	813
3	Antibacterial Effect of Silver Nanoparticles Produced by Fungal Process on Textile Fabrics and Their Effluent Treatment. <i>Journal of Biomedical Nanotechnology</i> , 2007, 3, 203-208.	0.5	798
4	Potential applications of oxidative enzymes and phenoloxidase-like compounds in wastewater and soil treatment: a review. <i>Applied Catalysis B: Environmental</i> , 2000, 28, 83-99.	10.8	756
5	Nanotoxicity of Graphene and Graphene Oxide. <i>Chemical Research in Toxicology</i> , 2014, 27, 159-168.	1.7	729
6	Applications of laccases and tyrosinases (phenoloxidases) immobilized on different supports: a review. <i>Enzyme and Microbial Technology</i> , 2002, 31, 907-931.	1.6	674
7	Semiconductor-assisted photocatalytic degradation of reactive dyes in aqueous solution. <i>Chemosphere</i> , 2000, 40, 433-440.	4.2	464
8	Silver nanoparticles: a brief review of cytotoxicity and genotoxicity of chemically and biogenically synthesized nanoparticles. <i>Journal of Applied Toxicology</i> , 2012, 32, 867-879.	1.4	435
9	Mechanistic aspects in the biogenic synthesis of extracellular metal nanoparticles by peptides, bacteria, fungi, and plants. <i>Applied Microbiology and Biotechnology</i> , 2011, 90, 1609-1624.	1.7	422
10	Bioactivity, mechanism of action, and cytotoxicity of copper-based nanoparticles: A review. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1001-1009.	1.7	408
11	Potential applications of laccase in the food industry. <i>Trends in Food Science and Technology</i> , 2002, 13, 205-216.	7.8	376
12	Potential use of silver nanoparticles on pathogenic bacteria, their toxicity and possible mechanisms of action. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 949-959.	0.6	366
13	Broad-spectrum bioactivities of silver nanoparticles: the emerging trends and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 1951-1961.	1.7	341
14	In vitro antifungal efficacy of copper nanoparticles against selected crop pathogenic fungi. <i>Materials Letters</i> , 2014, 115, 13-17.	1.3	316
15	Phenolic compounds and total antioxidant potential of commercial wines. <i>Food Chemistry</i> , 2003, 82, 409-416.	4.2	281
16	Silver nanoparticle protein corona and toxicity: a mini-review. <i>Journal of Nanobiotechnology</i> , 2015, 13, 55.	4.2	257
17	Electrochemically assisted photocatalytic degradation of reactive dyes. <i>Applied Catalysis B: Environmental</i> , 1999, 22, 83-90.	10.8	220
18	Nitric oxide-releasing vehicles for biomedical applications. <i>Journal of Materials Chemistry</i> , 2010, 20, 1624-1637.	6.7	214

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19	Silver nanoparticles in dentistry. <i>Dental Materials</i> , 2017, 33, 1110-1126.	1.6	213
20	<i>Chromobacterium violaceum</i> : A Review of Pharmacological and Industrial Perspectives. <i>Critical Reviews in Microbiology</i> , 2001, 27, 201-222.	2.7	207
21	Photocatalytic degradation of cellulose bleaching effluent by supported TiO ₂ and ZnO. <i>Chemosphere</i> , 2000, 41, 1193-1197.	4.2	204
22	Antimicrobial activity of biogenic silver nanoparticles, and silver chloride nanoparticles: an overview and comments. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 6555-6570.	1.7	203
23	New Aspects of Nanopharmaceutical Delivery Systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2008, 8, 2216-2229.	0.9	198
24	Nanobiotechnology perspectives. Role of nanotechnology in the food industry: a review. <i>International Journal of Food Science and Technology</i> , 2013, 48, 1127-1134.	1.3	184
25	Cellulose nanocrystals as carriers in medicine and their toxicities: A review. <i>Carbohydrate Polymers</i> , 2018, 181, 514-527.	5.1	179
26	Decolorization of reactive dyes by immobilized laccase. <i>Applied Catalysis B: Environmental</i> , 2003, 42, 131-144.	10.8	175
27	Nanotoxicology of Metal Oxide Nanoparticles. <i>Metals</i> , 2015, 5, 934-975.	1.0	172
28	Violacein: properties and biological activities. <i>Biotechnology and Applied Biochemistry</i> , 2007, 48, 127-133.	1.4	169
29	Advances in Dental Materials through Nanotechnology: Facts, Perspectives and Toxicological Aspects. <i>Trends in Biotechnology</i> , 2015, 33, 621-636.	4.9	159
30	Evaluation of boron removal from water by hydrotalcite-like compounds. <i>Chemosphere</i> , 2006, 62, 80-88.	4.2	158
31	Advanced oxidation of a pulp mill bleaching wastewater. <i>Chemosphere</i> , 1999, 39, 1679-1688.	4.2	157
32	Degradation and toxicity reduction of textile effluent by combined photocatalytic and ozonation processes. <i>Chemosphere</i> , 2000, 40, 369-373.	4.2	157
33	Biogenic nanoparticles: copper, copper oxides, copper sulphides, complex copper nanostructures and their applications. <i>Biotechnology Letters</i> , 2013, 35, 1365-1375.	1.1	157
34	Effects of fungal laccase immobilization procedures for the development of a biosensor for phenol compounds. <i>Talanta</i> , 2001, 54, 681-686.	2.9	156
35	Semiconductor-assisted photodegradation of lignin, dye, and kraft effluent by Ag-doped ZnO. <i>Chemosphere</i> , 2000, 40, 427-432.	4.2	155
36	Fungi as an efficient mycosystem for the synthesis of metal nanoparticles: progress and key aspects of research. <i>Biotechnology Letters</i> , 2015, 37, 2099-2120.	1.1	153

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37	Ecological-Friendly Pigments From Fungi. <i>Critical Reviews in Food Science and Nutrition</i> , 2002, 42, 53-66.	5.4	149
38	Chitosan-solid lipid nanoparticles as carriers for topical delivery of tretinoin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012, 93, 36-40.	2.5	147
39	Influence of stirring velocity on the synthesis of magnetite nanoparticles (Fe ₃ O ₄) by the co-precipitation method. <i>Journal of Alloys and Compounds</i> , 2009, 488, 227-231.	2.8	140
40	Influence of Organic Amendment on the Biodegradation and Movement of Pesticides. <i>Critical Reviews in Environmental Science and Technology</i> , 2007, 37, 233-271.	6.6	132
41	Degradation of reactive dyes I. A comparative study of ozonation, enzymatic and photochemical processes. <i>Chemosphere</i> , 1999, 38, 835-852.	4.2	131
42	Fungal Diversity and Use in Decomposition of Environmental Pollutants. <i>Critical Reviews in Microbiology</i> , 2005, 31, 197-212.	2.7	130
43	Violacein synergistically increases 5-fluorouracil cytotoxicity, induces apoptosis and inhibits Akt-mediated signal transduction in human colorectal cancer cells. <i>Carcinogenesis</i> , 2006, 27, 508-516.	1.3	129
44	Green synthesis of silver nanoparticles by <i>Phoma glomerata</i> . <i>Micron</i> , 2014, 59, 52-59.	1.1	126
45	Advances in <i>Chromobacterium violaceum</i> and properties of violacein-Its main secondary metabolite: A review. <i>Biotechnology Advances</i> , 2016, 34, 1030-1045.	6.0	126
46	Molecular mechanism of violacein-mediated human leukemia cell death. <i>Blood</i> , 2004, 104, 1459-1464.	0.6	124
47	Effect of MWCNT functionalization on thermal and electrical properties of PHBV/MWCNT nanocomposites. <i>Journal of Materials Research</i> , 2015, 30, 55-65.	1.2	123
48	Antimicrobial textiles: Biogenic silver nanoparticles against <i>Candida</i> and <i>Xanthomonas</i> . <i>Materials Science and Engineering C</i> , 2017, 75, 582-589.	3.8	119
49	Acid-catalysed hydrolysis of rice hull: Evaluation of furfural production. <i>Bioresource Technology</i> , 1998, 66, 189-193.	4.8	117
50	Enhanced Materials from Nature: Nanocellulose from Citrus Waste. <i>Molecules</i> , 2015, 20, 5908-5923.	1.7	116
51	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.	2.1	116
52	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.	1.5	115
53	Green synthesis of silver nanoparticles: effect of synthesis reaction parameters on antimicrobial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 88.	1.7	109
54	Metallic oxide nanoparticles: state of the art in biogenic syntheses and their mechanisms. <i>Applied Microbiology and Biotechnology</i> , 2012, 95, 275-288.	1.7	101

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55	Production of silver nanoparticles using yeasts and evaluation of their antifungal activity against phytopathogenic fungi. <i>Process Biochemistry</i> , 2016, 51, 1306-1313.	1.8	101
56	Potential applications of violacein: a microbial pigment. <i>Medicinal Chemistry Research</i> , 2012, 21, 1524-1532.	1.1	99
57	Modification of fibre surfaces during pulping and refining as analysed by SEM, XPS and ToF-SIMS. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2003, 223, 263-276.	2.3	96
58	Violacein Extracted from <i>Chromobacterium violaceum</i> Inhibits <i>Plasmodium</i> Growth In Vitro and In Vivo. <i>Antimicrobial Agents and Chemotherapy</i> , 2009, 53, 2149-2152.	1.4	95
59	Review of Cellulose Nanocrystals Patents: Preparation, Composites and General Applications. <i>Recent Patents on Nanotechnology</i> , 2012, 6, 16-28.	0.7	95
60	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.	2.5	94
61	Laccase induction in fungi and laccase/NADH mediator systems applied in paper mill effluent. <i>Bioresource Technology</i> , 2007, 98, 158-164.	4.8	93
62	Cytotoxic activity of violacein in human colon cancer cells. <i>Toxicology in Vitro</i> , 2006, 20, 1514-1521.	1.1	89
63	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.	1.7	88
64	PEROXIDASE CATALYZED GENERATION OF TRIPLET ACETONE. <i>Photochemistry and Photobiology</i> , 1979, 30, 101-110.	1.3	86
65	Development of a laccase-based flow injection electrochemical biosensor for the determination of phenolic compounds and its application for monitoring remediation of Kraft E1 paper mill effluent. <i>Analytica Chimica Acta</i> , 2002, 463, 229-238.	2.6	84
66	Smart lipid nanoparticles containing levofloxacin and DNase for lung delivery. Design and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 168-176.	2.5	83
67	A MINIREVIEW OF CELLULOSE NANOCRYSTALS AND ITS POTENTIAL INTEGRATION AS CO-PRODUCT IN BIOETHANOL PRODUCTION. <i>Journal of the Chilean Chemical Society</i> , 2011, 56, 672-677.	0.5	79
68	A New Report on Mycosynthesis of Silver Nanoparticles by <i>Fusarium culmorum</i> . <i>Current Nanoscience</i> , 2010, 6, 376-380.	0.7	77
69	Biogenic synthesis of nanostructured iron compounds: applications and perspectives. <i>IET Nanobiotechnology</i> , 2013, 7, 90-99.	1.9	76
70	Eco-friendly decoration of graphene oxide with biogenic silver nanoparticles: antibacterial and antibiofilm activity. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1.	0.8	75
71	Violacein and its β -cyclodextrin complexes induce apoptosis and differentiation in HL60 cells. <i>Toxicology</i> , 2003, 186, 217-225.	2.0	74
72	Growth inhibition and pro-apoptotic activity of violacein in Ehrlich ascites tumor. <i>Chemico-Biological Interactions</i> , 2010, 186, 43-52.	1.7	74

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73	VIOLACEIN CYTOTOXICITY AND INDUCTION OF APOPTOSIS IN V79 CELLS. In Vitro Cellular and Developmental Biology - Animal, 2000, 36, 539.	0.7	73
74	Phenols removal in musts: Strategy for wine stabilization by laccase. Journal of Molecular Catalysis B: Enzymatic, 2007, 45, 102-107.	1.8	73
75	Biogenic silver nanoparticles inducing Leishmania amazonensis promastigote and amastigote death in vitro. Acta Tropica, 2018, 178, 46-54.	0.9	69
76	Amperometric biosensor for ethanol based on co-immobilization of alcohol dehydrogenase and Meldola's Blue on multi-wall carbon nanotube. Electrochimica Acta, 2006, 52, 215-220.	2.6	68
77	Studies on degradation of glyphosate by several oxidative chemical processes: Ozonation, photolysis and heterogeneous photocatalysis. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2009, 45, 89-94.	0.7	68
78	Colorectal cancer chemoprevention by 2- β -cyclodextrin inclusion compounds of auraptene and 4-geranyloxyferulic acid. International Journal of Cancer, 2010, 126, 830-840.	2.3	67
79	Novas tendências para o tratamento de resíduos industriais contendo espécies organocloradas. Química Nova, 2000, 23, 504-511.	0.3	64
80	Evaluation of ZnO, TiO ₂ and supported ZnO on the photoassisted remediation of black liquor, cellulose and textile mill effluents. Chemosphere, 1998, 36, 2119-2133.	4.2	63
81	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> . Medical Mycology, 2016, 54, 428-432.	0.3	62
82	Comparative cytotoxicity of dimethylamide-crotonin in the promyelocytic leukemia cell line (HL60) and human peripheral blood mononuclear cells. Toxicology, 2003, 188, 261-274.	2.0	59
83	Biological applications of peptides nanotubes: An overview. Peptides, 2013, 39, 47-54.	1.2	59
84	Influence of Protein Corona on the Transport of Molecules into Cells by Mesoporous Silica Nanoparticles. ACS Applied Materials & Interfaces, 2013, 5, 8387-8393.	4.0	57
85	Title is missing!. Biotechnology Letters, 2001, 23, 1963-1969.	1.1	56
86	Mixed enzyme (laccase/tyrosinase)-based remote electrochemical biosensor for monitoring phenolic compounds. Analyst, The, 2002, 127, 258-261.	1.7	56
87	Biogenic silver nanoparticles associated with silver chloride nanoparticles (Ag@AgCl) produced by laccase from Trametes versicolor. SpringerPlus, 2014, 3, 645.	1.2	56
88	Excited indole-3-aldehyde from the peroxidase-catalyzed aerobic oxidation of indole-3-acetic acid. Reaction with and energy transfer to transfer ribonucleic acid. Biochemistry, 1980, 19, 5270-5275.	1.2	55
89	Processing and characterization of composites of poly(3-hydroxybutyrate-co-3-hydroxyvalerate) and lignin from sugar cane bagasse. Journal of Composite Materials, 2012, 46, 417-425.	1.2	55
90	Nanodevices for the immobilization of therapeutic enzymes. Critical Reviews in Biotechnology, 2015, 36, 1-18.	5.1	54

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91	Nano carriers for nitric oxide delivery and its potential applications in plant physiological process: A mini review. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2014, 23, 1-10.	0.9	53
92	Retinyl palmitate flexible polymeric nanocapsules: Characterization and permeation studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010, 81, 374-380.	2.5	52
93	Current applications of nanotechnology to develop plant growth inducer agents as an innovation strategy. <i>Critical Reviews in Biotechnology</i> , 2020, 40, 15-30.	5.1	52
94	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. <i>IET Nanobiotechnology</i> , 2015, 9, 71-75.	1.9	51
95	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. <i>Acta Tropica</i> , 2017, 170, 16-42.	0.9	51
96	Catalytic role of traditional enzymes for biosynthesis of biogenic metallic nanoparticles: a mini-review. <i>IET Nanobiotechnology</i> , 2015, 9, 314-323.	1.9	50
97	Antibacterial activity of violacein against <i>Staphylococcus aureus</i> isolated from Bovine Mastitis. <i>Journal of Antibiotics</i> , 2011, 64, 395-397.	1.0	49
98	Enzyme applications in the textile industry. <i>Review of Progress in Coloration and Related Topics</i> , 2000, 30, 41-44.	0.2	48
99	Electrochemical biosensor-based devices for continuous phenols monitoring in environmental matrices. <i>Journal of the Brazilian Chemical Society</i> , 2002, 13, 456.	0.6	47
100	Dual amperometric biosensor device for analysis of binary mixtures of phenols by multivariate calibration using partial least squares. <i>Analytica Chimica Acta</i> , 2003, 485, 263-269.	2.6	47
101	Generation of electronic energy in the peroxidase catalyzed oxidation of indole-3-acetic acid. <i>Biochemical and Biophysical Research Communications</i> , 1975, 65, 138-145.	1.0	45
102	New Sustainable Process for Hesperidin Isolation and Anti-Ageing Effects of Hesperidin Nanocrystals. <i>Molecules</i> , 2020, 25, 4534.	1.7	45
103	Graphene Oxide: A Carrier for Pharmaceuticals and a Scaffold for Cell Interactions. <i>Current Topics in Medicinal Chemistry</i> , 2015, 15, 309-327.	1.0	45
104	CHEMIENERGIZED SPECIES IN PEROXIDASE SYSTEMS. <i>Photochemistry and Photobiology</i> , 1978, 28, 445-450.	1.3	44
105	Lignin biodegradation by the ascomycete <i>Chrysonilia sitophila</i> . <i>Applied Biochemistry and Biotechnology</i> , 1997, 62, 233-242.	1.4	44
106	Removal and recovery of uranium by modified <i>Pinus radiata</i> D. Don bark. <i>Journal of Chemical Technology and Biotechnology</i> , 1989, 46, 41-48.	1.6	44
107	Nanobiotechnology of Carbon Dots: A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 1323-1347.	0.5	44
108	Biogenic Synthesized Ag/Au Nanoparticles: Production, Characterization, and Applications. <i>Current Nanoscience</i> , 2018, 14, 82-94.	0.7	43

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109	Biossensores amperométricos para determinação de compostos fenólicos em amostras de interesse ambiental. <i>Química Nova</i> , 2001, 24, 77-86.	0.3	42
110	Violacein Induces Death of Resistant Leukaemia Cells via Kinome Reprogramming, Endoplasmic Reticulum Stress and Golgi Apparatus Collapse. <i>PLoS ONE</i> , 2012, 7, e45362.	1.1	42
111	ZnO-catalysed photodegradation of kraft black liquor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994, 78, 267-273.	2.0	41
112	Silica immobilized enzyme catalyzed removal of chlorolignins from eucalyptus kraft effluent. <i>Journal of Biotechnology</i> , 1995, 43, 161-167.	1.9	40
113	Carbon sources effect on pectinase production from <i>Aspergillus japonicus</i> 586. <i>Brazilian Journal of Microbiology</i> , 2000, 31, 286.	0.8	40
114	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000, 37, 93-101.	1.6	40
115	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.	1.2	40
116	Preparation and Characterization of Maleic Anhydride Grafted Poly(Hydroxybutyrate-CO-Hydroxyvalerate) - PHBV-g-MA. <i>Materials Research</i> , 2016, 19, 229-235.	0.6	40
117	Combined treatment of textile effluent using the sequence <i>Phanerochaete chrysosporium</i> -ozone. <i>Chemosphere</i> , 2001, 44, 281-287.	4.2	39
118	Evaluation of the antiulcerogenic activity of violacein and its modulation by the inclusion complexation with β -cyclodextrin. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003, 81, 387-396.	0.7	39
119	Ecosystem protection by effluent bioremediation: silver nanoparticles impregnation in a textile fabrics process. <i>Journal of Nanoparticle Research</i> , 2010, 12, 285-292.	0.8	38
120	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.	1.0	38
121	Effect of Eugenol against <i>Streptococcus agalactiae</i> and Synergistic Interaction with Biologically Produced Silver Nanoparticles. <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-8.	0.5	38
122	Organosolv pulping - V: Formic acid delignification of <i>Eucalyptus globulus</i> and <i>Eucalyptus grandis</i> . <i>Bioresource Technology</i> , 1991, 37, 1-6.	4.8	37
123	MULTIVARIATE CALIBRATION FOR QUANTITATIVE ANALYSIS OF EUCALYPT KRAFT PULP BY NIR SPECTROMETRY. <i>Journal of Wood Chemistry and Technology</i> , 2002, 22, 67-81.	0.9	37
124	Nanosilver: an inorganic nanoparticle with myriad potential applications. <i>Nanotechnology Reviews</i> , 2014, 3, .	2.6	37
125	Enzymically generated triplet acetone. <i>Journal of the Chemical Society Chemical Communications</i> , 1977, , 442-443.	2.0	36
126	ELECTRONICALLY EXCITED SPECIES IN THE PEROXIDASE CATALYZED OXIDATION OF INDOLEACETIC ACID. EFFECT UPON DNA AND RNA. <i>Photochemistry and Photobiology</i> , 1979, 30, 195-198.	1.3	36

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127	LACCASE-BASED SCREEN PRINTED ELECTRODE FOR AMPEROMETRIC DETECTION OF PHENOLIC COMPOUNDS. <i>Analytical Letters</i> , 2002, 35, 29-38.	1.0	36
128	Determination of Phenolic Compounds Based on Co-Immobilization of Methylene Blue and HRP on Multi-Wall Carbon Nanotubes. <i>Electroanalysis</i> , 2007, 19, 549-554.	1.5	36
129	Three <i>Phoma</i> spp. synthesised novel silver nanoparticles that possess excellent antimicrobial efficacy. <i>IET Nanobiotechnology</i> , 2015, 9, 280-287.	1.9	36
130	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.	1.1	36
131	Pulp Mill Effluent Treatment by Fenton-Type Reactions Catalyzed by Iron Complexes. <i>Water Science and Technology</i> , 1999, 40, 351-355.	1.2	35
132	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.	2.6	35
133	Energy transfer from enzymically generated triplet carbonyl compounds to the fluorescent state of flavins. <i>Biochemical and Biophysical Research Communications</i> , 1978, 81, 779-784.	1.0	33
134	Photochemical-like effects in DNA caused by enzymically energized triplet carbonyl compounds. <i>Biochemical and Biophysical Research Communications</i> , 1978, 80, 490-495.	1.0	33
135	Model studies of the $\hat{1}\pm$ -peroxidase system: Formation of an electronically excited product. <i>Archives of Biochemistry and Biophysics</i> , 1980, 200, 245-252.	1.4	33
136	Cytotoxicity of prodigiosin and benzimidazole on V79 cells. <i>Toxicology Letters</i> , 2000, 116, 237-242.	0.4	33
137	Hydrogen peroxide assisted photochemical degradation of ethylenediaminetetraacetic acid. <i>Journal of Environmental Management</i> , 2002, 7, 197-202.	1.7	33
138	Therapeutic Potential of Biogenic Silver Nanoparticles in Murine Cutaneous Leishmaniasis. <i>Journal of Nano Research</i> , 0, 20, 89-97.	0.8	33
139	Electrospun poly(ethylene oxide)/chitosan nanofibers with cellulose nanocrystals as support for cell culture of 3T3 fibroblasts. <i>Cellulose</i> , 2017, 24, 3353-3365.	2.4	33
140	Nanoparticulated Nitric Oxide Donors and their Biomedical Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017, 17, 216-223.	1.1	32
141	CHEMILUMINESCENCE FROM THE OXIDATION OF AUXIN DERIVATIVES. <i>Photochemistry and Photobiology</i> , 1976, 24, 383-388.	1.3	31
142	DNA damage during the peroxidase-catalyzed aerobic oxidation of isobutanol. <i>Nucleic Acids and Protein Synthesis</i> , 1978, 518, 177-180.	1.7	31
143	Solid Lipid Nanoparticles for Dibucaine Sustained Release. <i>Pharmaceutics</i> , 2018, 10, 231.	2.0	31
144	In vitro cardiotoxicity evaluation of graphene oxide. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2019, 841, 8-13.	0.9	31

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145	LONG-RANGE TRIPLET-SINGLET ENERGY TRANSFER FROM ENZYME GENERATED TRIPLET ACETONE TO XANTHENE DYES. <i>Photochemistry and Photobiology</i> , 1980, 32, 113-116.	1.3	30
146	Biomass photochemistry XV: Photobleaching and biobleaching of Kraft effluent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 62, 269-279.	2.0	30
147	Quantification of <i>Lactobacillus</i> in fermented milk by multivariate image analysis with least-squares support-vector machines. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1105-1112.	1.9	30
148	Screening of different species of <i>Phoma</i> for the synthesis of silver nanoparticles. <i>Biotechnology and Applied Biochemistry</i> , 2013, 60, 482-493.	1.4	30
149	Singlet acetone efficiency and importance of triplet acetone induced decomposition of tetramethyl-1,2-dioxetane from direct chemiluminescence. <i>Journal of the American Chemical Society</i> , 1975, 97, 5464-5467.	6.6	29
150	Ligninases from <i>Chrysonilia sitophila</i> (TFB-27441 strain). <i>Applied Biochemistry and Biotechnology</i> , 1987, 16, 157-167.	1.4	29
151	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
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