

Nelson Durn

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

355
papers

17,361
citations

65
h-index

121
g-index

374
ext. papers

19,271
ext. citations

4.1
avg, IF

6.87
L-index

#	Paper	IF	Citations
355	Silver nanoparticles: A new view on mechanistic aspects on antimicrobial activity. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2016 , 12, 789-799	6	778
354	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	4	678
353	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	21.8	674
352	Mechanistic aspects of biosynthesis of silver nanoparticles by several <i>Fusarium oxysporum</i> strains. <i>Journal of Nanobiotechnology</i> , 2005 , 3, 8	9.4	636
351	Applications of laccases and tyrosinases (phenoloxidases) immobilized on different supports: a review. <i>Enzyme and Microbial Technology</i> , 2002 , 31, 907-931	3.8	605
350	Nanotoxicity of graphene and graphene oxide. <i>Chemical Research in Toxicology</i> , 2014 , 27, 159-68	4	570
349	Semiconductor-assisted photocatalytic degradation of reactive dyes in aqueous solution. <i>Chemosphere</i> , 2000 , 40, 433-40	8.4	411
348	Silver nanoparticles: a brief review of cytotoxicity and genotoxicity of chemically and biogenically synthesized nanoparticles. <i>Journal of Applied Toxicology</i> , 2012 , 32, 867-79	4.1	357
347	Mechanistic aspects in the biogenic synthesis of extracellular metal nanoparticles by peptides, bacteria, fungi, and plants. <i>Applied Microbiology and Biotechnology</i> , 2011 , 90, 1609-24	5.7	337
346	Potential applications of laccase in the food industry. <i>Trends in Food Science and Technology</i> , 2002 , 13, 205-216	15.3	308
345	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	1.5	300
344	Bioactivity, mechanism of action, and cytotoxicity of copper-based nanoparticles: a review. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 1001-9	5.7	279
343	Broad-spectrum bioactivities of silver nanoparticles: the emerging trends and future prospects. <i>Applied Microbiology and Biotechnology</i> , 2014 , 98, 1951-61	5.7	264
342	In vitro antifungal efficacy of copper nanoparticles against selected crop pathogenic fungi. <i>Materials Letters</i> , 2014 , 115, 13-17	3.3	245
341	Phenolic compounds and total antioxidant potential of commercial wines. <i>Food Chemistry</i> , 2003 , 82, 409-416	4.6	242
340	Silver nanoparticle protein corona and toxicity: a mini-review. <i>Journal of Nanobiotechnology</i> , 2015 , 13, 55	9.4	191
339	Nitric oxide-releasing vehicles for biomedical applications. <i>Journal of Materials Chemistry</i> , 2010 , 20, 1624-1637	186	186

338	Electrochemically assisted photocatalytic degradation of reactive dyes. <i>Applied Catalysis B: Environmental</i> , 1999 , 22, 83-90	21.8	184
337	Photocatalytic degradation of cellulose bleaching effluent by supported TiO ₂ and ZnO. <i>Chemosphere</i> , 2000 , 41, 1193-1197	8.4	177
336	<i>Chromobacterium violaceum</i> : a review of pharmacological and industrial perspectives. <i>Critical Reviews in Microbiology</i> , 2001 , 27, 201-22	7.8	167
335	New aspects of nanopharmaceutical delivery systems. <i>Journal of Nanoscience and Nanotechnology</i> , 2008 , 8, 2216-29	1.3	162
334	Decolorization of reactive dyes by immobilized laccase. <i>Applied Catalysis B: Environmental</i> , 2003 , 42, 131-144	11.4	154
333	Cellulose nanocrystals as carriers in medicine and their toxicities: A review. <i>Carbohydrate Polymers</i> , 2018 , 181, 514-527	10.3	142
332	Evaluation of boron removal from water by hydrotalcite-like compounds. <i>Chemosphere</i> , 2006 , 62, 80-8	8.4	141
331	Semiconductor-assisted photodegradation of lignin, dye, and kraft effluent by Ag-doped ZnO. <i>Chemosphere</i> , 2000 , 40, 427-32	8.4	140
330	Nanobiotechnology perspectives. Role of nanotechnology in the food industry: a review. <i>International Journal of Food Science and Technology</i> , 2013 , 48, 1127-1134	3.8	139
329	Nanotoxicology of Metal Oxide Nanoparticles. <i>Metals</i> , 2015 , 5, 934-975	2.3	136
328	Effects of fungal laccase immobilization procedures for the development of a biosensor for phenol compounds. <i>Talanta</i> , 2001 , 54, 681-6	6.2	133
327	Antimicrobial activity of biogenic silver nanoparticles, and silver chloride nanoparticles: an overview and comments. <i>Applied Microbiology and Biotechnology</i> , 2016 , 100, 6555-6570	5.7	129
326	Advanced oxidation of a pulp mill bleaching wastewater. <i>Chemosphere</i> , 1999 , 39, 1679-88	8.4	129
325	Degradation and toxicity reduction of textile effluent by combined photocatalytic and ozonation processes. <i>Chemosphere</i> , 2000 , 40, 369-73	8.4	128
324	Silver nanoparticles in dentistry. <i>Dental Materials</i> , 2017 , 33, 1110-1126	5.7	127
323	Violacein: properties and biological activities. <i>Biotechnology and Applied Biochemistry</i> , 2007 , 48, 127-33	2.8	127
322	Ecological-friendly pigments from fungi. <i>Critical Reviews in Food Science and Nutrition</i> , 2002 , 42, 53-66	11.5	124
321	Chitosan-solid lipid nanoparticles as carriers for topical delivery of tretinoin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 93, 36-40	6	121

320	Advances in Dental Materials through Nanotechnology: Facts, Perspectives and Toxicological Aspects. <i>Trends in Biotechnology</i> , 2015 , 33, 621-636	15.1	120
319	Biogenic nanoparticles: copper, copper oxides, copper sulphides, complex copper nanostructures and their applications. <i>Biotechnology Letters</i> , 2013 , 35, 1365-75	3	118
318	Molecular mechanism of violacein-mediated human leukemia cell death. <i>Blood</i> , 2004 , 104, 1459-64	2.2	112
317	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	5.7	110
316	Influence of Organic Amendment on the Biodegradation and Movement of Pesticides. <i>Critical Reviews in Environmental Science and Technology</i> , 2007 , 37, 233-271	11.1	107
315	Degradation of reactive dyes I. A comparative study of ozonation, enzymatic and photochemical processes. <i>Chemosphere</i> , 1999 , 38, 835-52	8.4	107
314	Violacein synergistically increases 5-fluorouracil cytotoxicity, induces apoptosis and inhibits Akt-mediated signal transduction in human colorectal cancer cells. <i>Carcinogenesis</i> , 2006 , 27, 508-16	4.6	106
313	Fungal diversity and use in decomposition of environmental pollutants. <i>Critical Reviews in Microbiology</i> , 2005 , 31, 197-212	7.8	106
312	Fungi as an efficient mycosystem for the synthesis of metal nanoparticles: progress and key aspects of research. <i>Biotechnology Letters</i> , 2015 , 37, 2099-120	3	105
311	Acid-catalysed hydrolysis of rice hull: Evaluation of furfural production. <i>Bioresource Technology</i> , 1998 , 66, 189-193	11	102
310	Green synthesis of silver nanoparticles by <i>Phoma glomerata</i> . <i>Micron</i> , 2014 , 59, 52-9	2.3	101
309	Enhanced materials from nature: nanocellulose from citrus waste. <i>Molecules</i> , 2015 , 20, 5908-23	4.8	87
308	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	5.1	85
307	Review of cellulose nanocrystals patents: preparation, composites and general applications. <i>Recent Patents on Nanotechnology</i> , 2012 , 6, 16-28	1.2	82
306	Laccase induction in fungi and laccase/N-OH mediator systems applied in paper mill effluent. <i>Bioresource Technology</i> , 2007 , 98, 158-64	11	80
305	Production of silver nanoparticles using yeasts and evaluation of their antifungal activity against phytopathogenic fungi. <i>Process Biochemistry</i> , 2016 , 51, 1306-1313	4.8	80
304	Metallic oxide nanoparticles: state of the art in biogenic syntheses and their mechanisms. <i>Applied Microbiology and Biotechnology</i> , 2012 , 95, 275-88	5.7	78
303	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, 2149-52	5.9	78

302	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	5.7	76
301	Advances in <i>Chromobacterium violaceum</i> and properties of violacein-Its main secondary metabolite: A review. <i>Biotechnology Advances</i> , 2016 , 34, 1030-1045	17.8	75
300	PEROXIDASE CATALYZED GENERATION OF TRIPLET ACETONE. <i>Photochemistry and Photobiology</i> , 1979 , 30, 101-110	3.6	75
299	Potential applications of violacein: a microbial pigment. <i>Medicinal Chemistry Research</i> , 2012 , 21, 1524-1532	3.2	74
298	Cytotoxic activity of violacein in human colon cancer cells. <i>Toxicology in Vitro</i> , 2006 , 20, 1514-21	3.6	74
297	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	6.6	74
296	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	5.8	74
295	Antimicrobial textiles: Biogenic silver nanoparticles against <i>Candida</i> and <i>Xanthomonas</i> . <i>Materials Science and Engineering C</i> , 2017 , 75, 582-589	8.3	73
294	Effect of MWCNT functionalization on thermal and electrical properties of PHBV/MWCNT nanocomposites. <i>Journal of Materials Research</i> , 2015 , 30, 55-65	2.5	68
293	Amperometric biosensor for ethanol based on co-immobilization of alcohol dehydrogenase and Meldola's Blue on multi-wall carbon nanotube. <i>Electrochimica Acta</i> , 2006 , 52, 215-220	6.7	66
292	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	6	65
291	Eco-friendly decoration of graphene oxide with biogenic silver nanoparticles: antibacterial and antibiofilm activity. <i>Journal of Nanoparticle Research</i> , 2014 , 16, 1	2.3	65
290	A New Report on Mycosynthesis of Silver Nanoparticles by <i>Fusarium culmorum</i> . <i>Current Nanoscience</i> , 2010 , 6, 376-380	1.4	65
289	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	6.2	63
288	Biogenic synthesis of nanostructured iron compounds: applications and perspectives. <i>IET Nanobiotechnology</i> , 2013 , 7, 90-9	2	62
287	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	2.5	62
286	Smart lipid nanoparticles containing levofloxacin and DNase for lung delivery. Design and characterization. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 143, 168-176	6	60
285	Violacein and its beta-cyclodextrin complexes induce apoptosis and differentiation in HL60 cells. <i>Toxicology</i> , 2003 , 186, 217-25	4.4	60

284	Growth inhibition and pro-apoptotic activity of violacein in Ehrlich ascites tumor. <i>Chemico-Biological Interactions</i> , 2010 , 186, 43-52	5	59
283	Colorectal cancer chemoprevention by 2 beta-cyclodextrin inclusion compounds of auraptene and 4Rgeranyloxyferulic acid. <i>International Journal of Cancer</i> , 2010 , 126, 830-40	7.5	59
282	Phenols removal in musts: Strategy for wine stabilization by laccase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2007 , 45, 102-107		57
281	Violacein cytotoxicity and induction of apoptosis in V79 cells. <i>In Vitro Cellular and Developmental Biology - Animal</i> , 2000 , 36, 539-43	2.6	57
280	Green synthesis of silver nanoparticles: effect of synthesis reaction parameters on antimicrobial activity. <i>World Journal of Microbiology and Biotechnology</i> , 2019 , 35, 88	4.4	53
279	Biological applications of peptides nanotubes: an overview. <i>Peptides</i> , 2013 , 39, 47-54	3.8	53
278	Studies on degradation of glyphosate by several oxidative chemical processes: ozonation, photolysis and heterogeneous photocatalysis. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010 , 45, 89-94	2.2	52
277	Excited indole-3-aldehyde from the peroxidase-catalyzed aerobic oxidation of indole-3-acetic acid. Reaction with and energy transfer to transfer ribonucleic acid. <i>Biochemistry</i> , 1980 , 19, 5270-5	3.2	51
276	Processing and characterization of composites of poly(3-hydroxybutyrate-co-hydroxyvalerate) and lignin from sugar cane bagasse. <i>Journal of Composite Materials</i> , 2012 , 46, 417-425	2.7	49
275	Comparative cytotoxicity of dimethylamide-crotonin in the promyelocytic leukemia cell line (HL60) and human peripheral blood mononuclear cells. <i>Toxicology</i> , 2003 , 188, 261-74	4.4	48
274	Nanodevices for the immobilization of therapeutic enzymes. <i>Critical Reviews in Biotechnology</i> , 2016 , 36, 447-64	9.4	47
273	Biogenic silver nanoparticles associated with silver chloride nanoparticles (Ag@AgCl) produced by laccase from <i>Trametes versicolor</i> . <i>SpringerPlus</i> , 2014 , 3, 645		47
272	Mixed enzyme (laccase/tyrosinase)-based remote electrochemical biosensor for monitoring phenolic compounds. <i>Analyst, The</i> , 2002 , 127, 258-261	5	47
271	Influence of protein corona on the transport of molecules into cells by mesoporous silica nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 8387-93	9.5	46
270	Evaluation of ZnO, TiO ₂ and supported ZnO on the photoassisted remediation of black liquor, cellulose and textile mill effluents. <i>Chemosphere</i> , 1998 , 36, 2119-2133	8.4	46
269	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	1.6	45
268	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, 428-32	3.9	44
267	Catalytic role of traditional enzymes for biosynthesis of biogenic metallic nanoparticles: a mini-review. <i>IET Nanobiotechnology</i> , 2015 , 9, 314-23	2	44

266	Biogenic silver nanoparticles inducing Leishmania amazonensis promastigote and amastigote death in vitro. <i>Acta Tropica</i> , 2018 , 178, 46-54	3.2	43
265	Electrochemical biosensor-based devices for continuous phenols monitoring in environmental matrices. <i>Journal of the Brazilian Chemical Society</i> , 2002 , 13, 456	1.5	42
264	Novas tendências para o tratamento de resíduos industriais contendo espécies organocloradas. <i>Quimica Nova</i> , 2000 , 23, 504-511	1.6	42
263	Generation of electronic energy in the peroxidase catalyzed oxidation of indole-3-acetic acid. <i>Biochemical and Biophysical Research Communications</i> , 1975 , 65, 138-45	3.4	42
262	CHEMIENERGIZED SPECIES IN PEROXIDASE SYSTEMS. <i>Photochemistry and Photobiology</i> , 1978 , 28, 445-450	3.0	41
261	Synthesis of silver nanoparticles by <i>Phoma gardeniae</i> and in vitro evaluation of their efficacy against human disease-causing bacteria and fungi. <i>IET Nanobiotechnology</i> , 2015 , 9, 71-5	2	40
260	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	6.6	40
259	Factorial design and response surface optimization of crude violacein for <i>Chromobacterium violaceum</i> production. <i>Biotechnology Letters</i> , 2001 , 23, 1963-1969	3	40
258	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. <i>Acta Tropica</i> , 2017 , 170, 16-42	3.2	38
257	Enzyme applications in the textile industry. <i>Review of Progress in Coloration and Related Topics</i> , 2008 , 30, 41-44		38
256	Graphene oxide: a carrier for pharmaceuticals and a scaffold for cell interactions. <i>Current Topics in Medicinal Chemistry</i> , 2015 , 15, 309-27	3	38
255	Lignin biodegradation by the ascomycete <i>Chrysonilia sitophila</i> . <i>Applied Biochemistry and Biotechnology</i> , 1997 , 62, 233-42	3.2	37
254	Combined treatment of textile effluent using the sequence <i>Phanerochaete chrysosporium</i> -ozone. <i>Chemosphere</i> , 2001 , 44, 281-7	8.4	37
253	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	3.5	36
252	Antibacterial activity of violacein against <i>Staphylococcus aureus</i> isolated from bovine mastitis. <i>Journal of Antibiotics</i> , 2011 , 64, 395-7	3.7	36
251	Evaluation of the antiulcerogenic activity of violacein and its modulation by the inclusion complexation with beta-cyclodextrin. <i>Canadian Journal of Physiology and Pharmacology</i> , 2003 , 81, 387-96	2.4	36
250	ZnO-catalysed photodegradation of kraft black liquor. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1994 , 78, 267-273	4.7	36
249	Retinyl palmitate flexible polymeric nanocapsules: characterization and permeation studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 81, 374-80	6	35

248	Removal and recovery of uranium by modified <i>Pinus radiata</i> D. Don bark. <i>Journal of Chemical Technology and Biotechnology</i> , 2007 , 46, 41-48	3-5	35
247	Silica immobilized enzyme catalyzed removal of chlorolignins from eucalyptus kraft effluent. <i>Journal of Biotechnology</i> , 1995 , 43, 161-167	3-7	35
246	Violacein induces death of resistant leukaemia cells via kinome reprogramming, endoplasmic reticulum stress and Golgi apparatus collapse. <i>PLoS ONE</i> , 2012 , 7, e45362	3-7	35
245	Current applications of nanotechnology to develop plant growth inducer agents as an innovation strategy. <i>Critical Reviews in Biotechnology</i> , 2020 , 40, 15-30	9-4	35
244	Ecosystem protection by effluent bioremediation: silver nanoparticles impregnation in a textile fabrics process. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 285-292	2-3	34
243	MULTIVARIATE CALIBRATION FOR QUANTITATIVE ANALYSIS OF EUCALYPT KRAFT PULP BY NIR SPECTROMETRY. <i>Journal of Wood Chemistry and Technology</i> , 2002 , 22, 67-81	2	34
242	Organosolv pulping IV : Formic acid delignification of <i>Eucalyptus globulus</i> and <i>Eucalyptus grandis</i> . <i>Bioresource Technology</i> , 1991 , 37, 1-6	11	34
241	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 ^{3,6}		34
240	Enzymically generated triplet acetone. <i>Journal of the Chemical Society Chemical Communications</i> , 1977 , 442-443		34
239	Biossensores amperométricos para determinação de compostos fenólicos em amostras de interesse ambiental. <i>Química Nova</i> , 2001 , 24, 77-86	1.6	33
238	Biological Activities of Violacein, a New Antitumoral Indole Derivative, in an Inclusion Complex with β -Cyclodextrin. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2000 , 37, 93-101		33
237	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	3	32
236	LACCASE-BASED SCREEN PRINTED ELECTRODE FOR AMPEROMETRIC DETECTION OF PHENOLIC COMPOUNDS. <i>Analytical Letters</i> , 2002 , 35, 29-38	2.2	32
235	Pulp Mill Effluent Treatment by Fenton-Type Reactions Catalyzed by Iron Complexes. <i>Water Science and Technology</i> , 1999 , 40, 351-355	2.2	32
234	Nanosilver: an inorganic nanoparticle with myriad potential applications. <i>Nanotechnology Reviews</i> , 2014 , 3,	6-3	31
233	Energy transfer from enzymically generated triplet carbonyl compounds to the fluorescent state of flavins. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 81, 779-84	3-4	31
232	Photochemical-like effects in DNA caused by enzymically energized triplet carbonyl compounds. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 80, 490-5	3-4	30
231	Preparation and Characterization of Maleic Anhydride Grafted Poly(Hydroxybutyrate-CO-Hydroxyvalerate) (PHBV-g-MA). <i>Materials Research</i> , 2016 , 19, 229-235	1-5	30

230	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	2.3	29
229	Biomass photochemistry XV: Photobleaching and biobleaching of Kraft effluent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991 , 62, 269-279	4.7	29
228	Model studies of the alpha-peroxidase system: formation of an electronically excited product. <i>Archives of Biochemistry and Biophysics</i> , 1980 , 200, 245-52	4.1	29
227	Nanobiotechnology of Carbon Dots: A Review. <i>Journal of Biomedical Nanotechnology</i> , 2016 , 12, 1323-47	4	29
226	Electrospun poly(ethylene oxide)/chitosan nanofibers with cellulose nanocrystals as support for cell culture of 3T3 fibroblasts. <i>Cellulose</i> , 2017 , 24, 3353-3365	5.5	28
225	CHEMILUMINESCENCE FROM THE OXIDATION OF AUXIN DERIVATIVES. <i>Photochemistry and Photobiology</i> , 1976 , 24, 383-388	3.6	28
224	DNA damage during the peroxidase-catalyzed aerobic oxidation of isobutanol. <i>Nucleic Acids and Protein Synthesis</i> , 1978 , 518, 177-80		28
223	Three <i>Phoma</i> spp. synthesised novel silver nanoparticles that possess excellent antimicrobial efficacy. <i>IET Nanobiotechnology</i> , 2015 , 9, 280-7	2	27
222	Screening of different species of <i>Phoma</i> for the synthesis of silver nanoparticles. <i>Biotechnology and Applied Biochemistry</i> , 2013 , 60, 482-93	2.8	27
221	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, 861497	2.3	27
220	Therapeutic Potential of Biogenic Silver Nanoparticles in Murine Cutaneous Leishmaniasis. <i>Journal of Nano Research</i> , 2012 , 20, 89-97	1	27
219	Hydrogen peroxide assisted photochemical degradation of ethylenediaminetetraacetic acid. <i>Journal of Environmental Management</i> , 2002 , 7, 197-202		27
218	Cytotoxicity of prodigiosin and benznidazole on V79 cells. <i>Toxicology Letters</i> , 2000 , 116, 237-42	4.4	27
217	Ligninases from <i>Chrysonilia sitophila</i> (TFB-27441 strain). <i>Applied Biochemistry and Biotechnology</i> , 1987 , 16, 157-167	3.2	27
216	Peroxidase-generated triplet indole-3-aldehyde adds to uridine bases and excites the 4-thiouridine group in t-RNAPhe. <i>Photochemistry and Photobiology</i> , 1982 , 36, 21-4	3.6	27
215	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	4.8	27
214	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	5.5	26
213	Carbon sources effect on pectinase production from <i>Aspergillus japonicus</i> 586. <i>Brazilian Journal of Microbiology</i> , 2000 , 31, 286	2.2	26

212	Myelopoietic response in tumour-bearing mice by an aggregated polymer isolated from <i>Aspergillus oryzae</i> . <i>European Journal of Pharmacology</i> , 2000 , 388, 219-26	5.3	26
211	LONG-RANGE TRIPLET-SINGLET ENERGY TRANSFER FROM ENZYME GENERATED TRIPLET ACETONE TO XANTHENE DYES. <i>Photochemistry and Photobiology</i> , 1980 , 32, 113-116	3.6	26
210	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	16.4	26
209	Biogenic Synthesized Ag/Au Nanoparticles: Production, Characterization, and Applications. <i>Current Nanoscience</i> , 2018 , 14, 82-94	1.4	26
208	Peroxidase and hydrogen peroxide detection by a bioenergized method. <i>Analytical Biochemistry</i> , 1980 , 105, 36-8	3.1	25
207	Nanoparticulated Nitric Oxide Donors and their Biomedical Applications. <i>Mini-Reviews in Medicinal Chemistry</i> , 2017 , 17, 216-223	3.2	25
206	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, 1105-12	4.4	24
205	Comparison of the gastroprotective effect of a diterpene lactone isolated from <i>Croton cajucara</i> with its synthetic derivatives. <i>Journal of Ethnopharmacology</i> , 2003 , 87, 169-74	5	24
204	Biosensor for H ₂ O ₂ Response Based on Horseradish Peroxidase: Effect of Different Mediators Adsorbed on Silica Gel Modified with Niobium Oxide. <i>Electroanalysis</i> , 2005 , 17, 1103-1111	3	24
203	Generation of electronic energy in the myoglobin-catalyzed oxidation of acetoacetate to methylglyoxal. <i>Archives of Biochemistry and Biophysics</i> , 1976 , 176, 663-70	4.1	24
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