

Guillermo R. Castro

List of Publications by Year in descending order

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159
papers

5,246
citations

76326

40
h-index

106344

65
g-index

167
all docs

167
docs citations

167
times ranked

6618
citing authors

#	ARTICLE	IF	CITATIONS
1	Milk kefir: composition, microbial cultures, biological activities, and related products. <i>Frontiers in Microbiology</i> , 2015, 6, 1177.	3.5	236
2	Recent trends in biocatalysis engineering. <i>Bioresource Technology</i> , 2012, 115, 48-57.	9.6	227
3	Progress in bacterial cellulose matrices for biotechnological applications. <i>Bioresource Technology</i> , 2016, 213, 172-180.	9.6	223
4	Antimicrobial activity of flavonoids from leaves of <i>Tagetes minuta</i> . <i>Journal of Ethnopharmacology</i> , 1997, 56, 227-232.	4.1	197
5	Silk coatings on PLGA and alginate microspheres for protein delivery. <i>Biomaterials</i> , 2007, 28, 4161-4169.	11.4	181
6	Organic solvent adaptation of Gram positive bacteria: Applications and biotechnological potentials. <i>Biotechnology Advances</i> , 2011, 29, 442-452.	11.7	145
7	Thermostable alkaline proteases of <i>Bacillus licheniformis</i> MIR 29: isolation, production and characterization. <i>Applied Microbiology and Biotechnology</i> , 1996, 45, 327-332.	3.6	141
8	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
9	Homogeneous Biocatalysis in Organic Solvents and Water-Organic Mixtures. <i>Critical Reviews in Biotechnology</i> , 2003, 23, 195-231.	9.0	116
10	Homogeneous Biocatalysis in Organic Solvents and Water-Organic Mixtures. <i>Critical Reviews in Biotechnology</i> , 2003, 23, 195-231.	9.0	109
11	Isolation of four aquatic streptomycetes strains capable of growth on organochlorine pesticides. <i>Bioresource Technology</i> , 2003, 89, 133-138.	9.6	97
12	Purification and characterization of a thermostable xylanase from <i>Bacillus amyloliquefaciens</i> . <i>Enzyme and Microbial Technology</i> , 1998, 22, 42-49.	3.2	96
13	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
14	Chitosan-bacterial cellulose patch of ciprofloxacin for wound dressing: Preparation and characterization studies. <i>International Journal of Biological Macromolecules</i> , 2020, 147, 1136-1145.	7.5	91
15	Screening of heavy metal-tolerant actinomycetes isolated from the Sali River.. <i>Journal of General and Applied Microbiology</i> , 1998, 44, 129-132.	0.7	86
16	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
17	Novel Biopolymer Matrices for Microencapsulation of Phages: Enhanced Protection Against Acidity and Protease Activity. <i>Macromolecular Bioscience</i> , 2012, 12, 1200-1208.	4.1	79
18	Enzymatic synthesis of banana flavour (isoamyl acetate) by <i>Bacillus licheniformis</i> S-86 esterase. <i>Food Research International</i> , 2009, 42, 454-460.	6.2	76

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19	Lindane uptake and degradation by aquatic <i>Streptomyces</i> sp. strain M7. <i>International Biodeterioration and Biodegradation</i> , 2007, 59, 148-155.	3.9	75
20	Physiological and morphological responses of green microalgae <i>Chlorella vulgaris</i> to silver nanoparticles. <i>Environmental Research</i> , 2020, 189, 109857.	7.5	70
21	Novel technologies for the encapsulation of bioactive food compounds. <i>Current Opinion in Food Science</i> , 2016, 7, 78-85.	8.0	64
22	Carbamazepine-loaded solid lipid nanoparticles and nanostructured lipid carriers: Physicochemical characterization and in vitro/in vivo evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 167, 73-81.	5.0	63
23	Bacterial cellulose hydrogel loaded with lipid nanoparticles for localized cancer treatment. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 170, 596-608.	5.0	63
24	Antimicrobial activities of bacterial cellulose “ Silver montmorillonite nanocomposites for wound healing. <i>Materials Science and Engineering C</i> , 2020, 116, 111152.	7.3	61
25	Modified bacterial cellulose scaffolds for localized doxorubicin release in human colorectal HT-29 cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 140, 421-429.	5.0	59
26	Chromium accumulation by two <i>Streptomyces</i> spp. isolated from riverine sediments. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2001, 26, 210-215.	3.0	57
27	Nanodevices for the immobilization of therapeutic enzymes. <i>Critical Reviews in Biotechnology</i> , 2015, 36, 1-18.	9.0	54
28	Lindane removal induction by <i>Streptomyces</i> sp. M7. <i>Journal of Basic Microbiology</i> , 2006, 46, 348-357.	3.3	53
29	Nanopharmaceuticals as a solution to neglected diseases: Is it possible?. <i>Acta Tropica</i> , 2017, 170, 16-42.	2.0	51
30	Synthesis and characterization of CaCO ₃ “biopolymer hybrid nanoporous microparticles for controlled release of doxorubicin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 123, 158-169.	5.0	50
31	Development of biopolymer nanocomposite for silver nanoparticles and Ciprofloxacin controlled release. <i>International Journal of Biological Macromolecules</i> , 2015, 72, 740-750.	7.5	49
32	A simple green route to obtain poly(vinyl alcohol) electrospun mats with improved water stability for use as potential carriers of drugs. <i>Materials Science and Engineering C</i> , 2016, 69, 726-732.	7.3	49
33	Alginate Lyase and Ciprofloxacin Co-Immobilization on Biopolymeric Microspheres for Cystic Fibrosis Treatment. <i>Macromolecular Bioscience</i> , 2013, 13, 1238-1248.	4.1	48
34	Immobilized keratinase and enrofloxacin loaded on pectin PVA cryogel patches for antimicrobial treatment. <i>Bioresource Technology</i> , 2013, 145, 280-284.	9.6	46
35	Hybrid Ofloxacin/eugenol co-loaded solid lipid nanoparticles with enhanced and targetable antimicrobial properties. <i>International Journal of Pharmaceutics</i> , 2019, 569, 118575.	5.2	46
36	Studies of Ciprofloxacin Encapsulation on Alginate/Pectin Matrixes and Its Relationship with Biodisponibility. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1408-1420.	2.9	44

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37	Purification of an organic solvent-tolerant lipase from <i>Aspergillus niger</i> MYA 135 and its application in ester synthesis. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 25-31.	3.1	43
38	Novel cheese production by incorporation of sea buckthorn berries (<i>Hippophae rhamnoides</i> L.) supported probiotic cells. <i>LWT - Food Science and Technology</i> , 2017, 79, 616-624.	5.2	43
39	An organic-solvent-tolerant esterase from thermophilic <i>Bacillus licheniformis</i> S-86. <i>Bioresource Technology</i> , 2009, 100, 896-902.	9.6	42
40	Hybrid bacterial cellulose-pectin films for delivery of bioactive molecules. <i>New Journal of Chemistry</i> , 2018, 42, 7457-7467.	2.8	42
41	Polyvinyl Alcohol-pectin Cryogel Films for Controlled Release of Enrofloxacin. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1421-1429.	2.9	38
42	Kefiran-alginate gel microspheres for oral delivery of ciprofloxacin. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 706-715.	5.0	38
43	Screening and selection of bacteria with high amylolytic activity. <i>Acta Biotechnologica</i> , 1993, 13, 197-201.	0.9	35
44	Triggered release of proteins from emulsan-alginate beads. <i>Journal of Controlled Release</i> , 2005, 109, 149-157.	9.9	35
45	Biosynthesis of emulsan biopolymers from agro-based feedstocks. <i>Journal of Applied Microbiology</i> , 2007, 102, 531-7.	3.1	34
46	Formation and characterization of self-assembled bovine serum albumin nanoparticles as chrysin delivery systems. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 173, 43-51.	5.0	34
47	Emulsan, a tailorable biopolymer for controlled release. <i>Bioresource Technology</i> , 2008, 99, 4566-4571.	9.6	33
48	Properties of soluble $\hat{\pm}$ -chymotrypsin in neat glycerol and water. <i>Enzyme and Microbial Technology</i> , 2000, 27, 143-150.	3.2	32
49	Phosphatidylinositol-specific phospholipase C activity in <i>Lactobacillus rhamnosus</i> with capacity to translocate. <i>FEMS Microbiology Letters</i> , 2001, 204, 33-38.	1.8	32
50	Controlled Release Biopolymers for Enhancing the Immune Response. <i>Molecular Pharmaceutics</i> , 2007, 4, 33-46.	4.6	32
51	Development of novel alginate lyase cross-linked aggregates for the oral treatment of cystic fibrosis. <i>RSC Advances</i> , 2014, 4, 11758.	3.6	32
52	Self-assembly of carrageenin-CaCO ₃ hybrid microparticles on bacterial cellulose films for doxorubicin sustained delivery. <i>Journal of Applied Biomedicine</i> , 2015, 13, 239-248.	1.7	32
53	Encapsulation of Congo Red in carboxymethyl guar gum-alginate gel microspheres. <i>Reactive and Functional Polymers</i> , 2014, 82, 103-110.	4.1	31
54	Microbial production and recovery of hybrid biopolymers from wastes for industrial applications- a review. <i>Bioresource Technology</i> , 2021, 340, 125671.	9.6	31

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55	Bacterial Nanocellulose in Dentistry: Perspectives and Challenges. <i>Molecules</i> , 2021, 26, 49.	3.8	30
56	Antimicrobial activity determined in strains of <i>Bacillus circulans</i> cluster. <i>Folia Microbiologica</i> , 1993, 38, 25-28.	2.3	29
57	Enzymatic activities of proteases dissolved in organic solvents. <i>Enzyme and Microbial Technology</i> , 1999, 25, 689-694.	3.2	29
58	Binding and Encapsulation of Doxorubicin on Smart Pectin Hydrogels for Oral Delivery. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1365-1376.	2.9	29
59	Development and characterization of new enzymatic modified hybrid calcium carbonate microparticles to obtain nano-architected surfaces for enhanced drug loading. <i>Journal of Colloid and Interface Science</i> , 2015, 439, 76-87.	9.4	29
60	Effects of Organic Solvents on Immobilized Lipase in Pectin Microspheres. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 578-586.	2.9	26
61	Hybrid inhalable microparticles for dual controlled release of levofloxacin and DNase: physicochemical characterization and in vivo targeted delivery to the lungs. <i>Journal of Materials Chemistry B</i> , 2017, 5, 3132-3144.	5.8	26
62	Emulsan quantitation by Nile red quenching fluorescence assay. <i>Applied Microbiology and Biotechnology</i> , 2005, 67, 767-770.	3.6	25
63	A new glioblastoma cell trap for implantation after surgical resection. <i>Acta Biomaterialia</i> , 2019, 84, 268-279.	8.3	25
64	Design of nalidixic acid-vanadium complex loaded into chitosan hybrid nanoparticles as smart strategy to inhibit bacterial growth and quorum sensing. <i>International Journal of Biological Macromolecules</i> , 2020, 161, 1568-1580.	7.5	25
65	Production of antimicrobials by <i>Bacillus subtilis</i> MIR 15. <i>Journal of Biotechnology</i> , 1992, 26, 331-336.	3.8	24
66	A plate technique for screening of inulin degrading microorganisms. <i>Journal of Microbiological Methods</i> , 1995, 22, 51-56.	1.6	24
67	Characterization of smart auto-degradative hydrogel matrix containing alginate lyase to enhance levofloxacin delivery against bacterial biofilms. <i>International Journal of Pharmaceutics</i> , 2015, 496, 953-964.	5.2	24
68	Optimization of culture conditions for kefir production in whey: The structural and biocidal properties of the resulting polysaccharide. <i>Bioactive Carbohydrates and Dietary Fibre</i> , 2018, 16, 14-21.	2.7	24
69	Screening of xylanolytic bacteria using a colour plate method. <i>Journal of Applied Bacteriology</i> , 1995, 78, 469-472.	1.1	23
70	Tailoring of alginate-gelatin microspheres properties for oral Ciprofloxacin-controlled release against <i>Pseudomonas aeruginosa</i> . <i>Drug Delivery</i> , 2014, 21, 615-626.	5.7	23
71	Title is missing!. <i>Biotechnology Letters</i> , 1999, 21, 249-252.	2.2	21
72	Development and characterization of an improved formulation of cholesteryl oleate-loaded cationic solid-lipid nanoparticles as an efficient non-viral gene delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 184, 110533.	5.0	20

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73	Lipid, polymeric, inorganic-based drug delivery applications for platinum-based anticancer drugs. <i>International Journal of Pharmaceutics</i> , 2021, 605, 120788.	5.2	20
74	Preparation And Characterization Of Polyvinyl Alcohol-pectin Cryogels Containing Enrofloxacin And Keratinase As Potential Transdermal Delivery Device. <i>Advanced Materials Letters</i> , 2016, 7, 640-645.	0.6	20
75	Tailoring doxorubicin sustainable release from biopolymeric smart matrix using congo red as molecular helper. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5178.	5.8	19
76	Characterization and Stability Analysis of Biopolymeric Matrices Designed for Phage-Controlled Release. <i>Applied Biochemistry and Biotechnology</i> , 2014, 174, 2031-2047.	2.9	19
77	Biopolymers from Wastes to High-Value Products in Biomedicine. <i>Energy, Environment, and Sustainability</i> , 2018, , 1-44.	1.0	19
78	Self-Assembly Stereo-Specific Synthesis of Silver Phosphate Microparticles on Bacterial Cellulose Membrane Surface For Antimicrobial Applications. <i>Colloids and Interface Science Communications</i> , 2018, 26, 7-13.	4.1	19
79	Lipid nanoparticles - Metvan: revealing a novel way to deliver a vanadium compound to bone cancer cells. <i>New Journal of Chemistry</i> , 2019, 43, 17726-17734.	2.8	19
80	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
81	Multi-target drug with potential applications: violacein in the spotlight. <i>World Journal of Microbiology and Biotechnology</i> , 2021, 37, 151.	3.6	19
82	Homogeneous biocatalysis in organic solvents and water-organic mixtures. <i>Critical Reviews in Biotechnology</i> , 2003, 23, 195-231.	9.0	19
83	A novel α -L-rhamnosidase with potential applications in citrus juice industry and in winemaking. <i>European Food Research and Technology</i> , 2013, 237, 977-985.	3.3	18
84	Immobilized Enzymes and Their Applications. , 2019, , 169-200.		18
85	Production and Purification of a Solvent-Resistant Esterase from <i>Bacillus licheniformis</i> S-86. <i>Applied Biochemistry and Biotechnology</i> , 2008, 151, 221-232.	2.9	17
86	Construction and in vitro testing of a cellulose dura mater graft. <i>Neurological Research</i> , 2016, 38, 25-31.	1.3	17
87	Interaction of Solid Lipid Nanoparticles and Specific Proteins of the Corona Studied by Surface Plasmon Resonance. <i>Journal of Nanomaterials</i> , 2017, 2017, 1-11.	2.7	17
88	Prodigiosin: a promising biomolecule with many potential biomedical applications. <i>Bioengineered</i> , 2022, 13, 14227-14258.	3.2	17
89	Studies on PVA pectin cryogels containing crosslinked enzyme aggregates of keratinase. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014, 117, 284-289.	5.0	16
90	Bionanoparticles, a green nanochemistry approach. <i>Electronic Journal of Biotechnology</i> , 2013, 16, .	2.2	15

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91	Cross-linked α -L-rhamnosidase aggregates with potential application in food industry. <i>European Food Research and Technology</i> , 2014, 238, 797-801.	3.3	15
92	Development of antimicrobial hybrid mesoporous silver phosphate-pectin microspheres for control release of levofloxacin. <i>Microporous and Mesoporous Materials</i> , 2016, 226, 71-78.	4.4	15
93	Silybin-conjugated gold nanoparticles for antimicrobial chemotherapy against Gram-negative bacteria. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 53, 101181.	3.0	15
94	Development and Tailoring of Hybrid Lipid Nanocarriers. <i>Current Pharmaceutical Design</i> , 2018, 23, 6643-6658.	1.9	15
95	Simple colorimetric method to determine the in vitro antioxidant activity of different monoterpenes. <i>Analytical Biochemistry</i> , 2018, 555, 59-66.	2.4	14
96	Simultaneous production of alpha and beta amylases by <i>Bacillus subtilis</i> MIR-5 in batch and continuous culture. <i>Biotechnology Letters</i> , 1992, 14, 49-54.	2.2	13
97	Effect of hydroxylic solvents on cell growth, sporulation, and esterase production of <i>Bacillus licheniformis</i> S-86. <i>Process Biochemistry</i> , 2005, 40, 2333-2338.	3.7	13
98	Design of magnetic hybrid nanostructured lipid carriers containing 1,8-cineole as delivery systems for anticancer drugs: Physicochemical and cytotoxic studies. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 202, 111710.	5.0	13
99	Thermal stabilization by polyols of α -xylanase from <i>Bacillus amyloliquefaciens</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 71, 241-245.	3.2	12
100	Simultaneous electrochemical detection of ciprofloxacin and Ag(I) in a silver nanoparticle dissolution: Application to ecotoxicological acute studies. <i>Microchemical Journal</i> , 2021, 162, 105832.	4.5	12
101	Title is missing!. <i>Bioseparation</i> , 1999, 8, 273-280.	0.7	11
102	Estimation of growth inhibition by copper and cadmium in heavy metal tolerant actinomycetes. <i>Journal of Basic Microbiology</i> , 2002, 42, 231.	3.3	11
103	Emulsion Alginate Beads for Protein Adsorption. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2009, 20, 411-426.	3.5	11
104	Encapsulation of florfenicol by in situ crystallization into novel alginate-Eudragit RS [®] blended matrix for pH modulated release. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 54, 101241.	3.0	11
105	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
106	Isolation and partial characterization of <i>Komagataeibacter</i> sp. SU12 and optimization of bacterial cellulose production using <i>Mangifera indica</i> extracts. <i>Journal of Chemical Technology and Biotechnology</i> , 2022, 97, 1482-1493.	3.2	11
107	Extracellular isoamylase produced by <i>Bacillus circulans</i> MIR-137. <i>Journal of Applied Bacteriology</i> , 1992, 73, 520-523.	1.1	10
108	Controlled Release of Sulfasalazine Release from Smart-Pectin Gel Microspheres under Physiological Simulated Fluids. <i>Applied Biochemistry and Biotechnology</i> , 2012, 167, 1396-1407.	2.9	10

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109	Detection of endo-xylanase activities in electrophoretic gels with congo red staining. <i>Biotechnology Letters</i> , 1995, 9, 145.	0.5	9
110	Modelling and operation of a turbidity-meter for on-line monitoring of microbial growth in fermenters. <i>Process Biochemistry</i> , 1995, 30, 767-772.	3.7	9
111	Development of Crystal Violet encapsulation in pectin - Arabic gum gel microspheres. <i>Reactive and Functional Polymers</i> , 2016, 106, 8-16.	4.1	9
112	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
113	Enzymes and biopolymers. The opportunity for the smart design of molecular delivery systems. <i>Bioresource Technology</i> , 2021, 322, 124546.	9.6	9
114	Acid Pullulanase from <i>Bacillus polymyxa</i> MIR-23. <i>Applied Biochemistry and Biotechnology</i> , 1992, 37, 227-233.	2.9	8
115	Nanostability. <i>Nanomedicine and Nanotoxicology</i> , 2014, , 57-95.	0.2	8
116	New insights into bacterial cellulose materials: production and modification strategies. <i>International Journal of Advances in Medical Biotechnology - IJAMB</i> , 2018, 1, 44.	0.2	8
117	Hydrogels for extrusion-based bioprinting: General considerations. <i>Bioprinting</i> , 2022, 27, e00212.	5.8	8
118	Amylolytic enzymes produced by <i>Bacillus amyloliquefaciens</i> MIR-41 in batch and continuous culture. <i>Journal of Chemical Technology and Biotechnology</i> , 1993, 56, 289-294.	3.2	7
119	Binary Medical Nanofluids by Combination of Polymeric Eudragit Nanoparticles for Vehiculization of Tobramycin and Resveratrol: Antimicrobial, Hemotoxicity and Protein Corona Studies. <i>Journal of Pharmaceutical Sciences</i> , 2021, 110, 1739-1748.	3.3	7
120	A system for the differentiation of some closely related <i>Bacillus</i> species. <i>Journal of Biotechnology</i> , 1991, 20, 105-108.	3.8	6
121	Studies on α -amylase production by <i>Bacillus licheniformis</i> MIR-61. <i>Acta Biotechnologica</i> , 1999, 19, 263-272.	0.9	6
122	Preparation, physicochemical and biopharmaceutical characterization of oxcarbazepine-loaded nanostructured lipid carriers as potential antiepileptic devices. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 63, 102470.	3.0	6
123	Violacein and its antifungal activity: comments and potentialities. <i>Letters in Applied Microbiology</i> , 2022, 75, 796-803.	2.2	6
124	Protein measurement with neocuproine reactive. <i>Biotechnology Letters</i> , 1991, 5, 431-436.	0.5	5
125	Improving ciprofloxacin antimicrobial activity through lipid nanoencapsulation or non-thermal plasma on <i>Pseudomonas aeruginosa</i> biofilms. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 64, 102644.	3.0	5
126	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

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127	Selection of an extracellular esterase-producing microorganism. <i>Journal of Industrial Microbiology</i> , 1992, 10, 165-168.	0.9	4
128	<i>Biocatalysis</i> , 2015, , 391-408.		4
129	Nanobiotechnology Solutions against <i>Aedes aegypti</i> . <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	4
130	Modelling and Operation of a Turbidity-Meter for On-Line Monitoring of Microbial Growth in Fermenters. <i>Process Biochemistry</i> , 1995, 30, 767-772.	0.2	4
131	Consequences of cystic fibrosis transmembrane regulator mutations on inflammatory cells. <i>Pulmonary and Critical Care Medicine</i> , 2016, 1, 39-51.	0.2	4
132	Effects of human transforming growth factors on topoisomerases from normal fibroblasts. <i>Life Sciences</i> , 1988, 43, 2137-2143.	4.3	3
133	Emulsan-Alginate Microspheres as a New Vehicle for Protein Delivery. <i>ACS Symposium Series</i> , 2006, , 14-29.	0.5	3
134	Advances in Smart Nanopreparations for Oral Drug Delivery. , 2016, , 479-521.		3
135	Nanotechnology and Drug Delivery. , 2018, , 135-165.		3
136	8-Hydroxyquinoline platinum(II) loaded nanostructured lipid carriers: synthesis, physicochemical characterization and evaluation of antitumor activity. <i>New Journal of Chemistry</i> , 2021, 45, 821-830.	2.8	3
137	Effect of α -tocopherol on the physicochemical, antioxidant and antibacterial properties of levofloxacin loaded hybrid lipid nanocarriers. <i>New Journal of Chemistry</i> , 2021, 45, 1029-1042.	2.8	3
138	A spectrophotometric method for the quantitative measurement of pullulan. <i>Journal of Microbiological Methods</i> , 1992, 16, 253-258.	1.6	2
139	Production of α -glucosidase by <i>Bacillus</i> sp. strains. <i>Acta Biotechnologica</i> , 1995, 15, 233-240.	0.9	2
140	BaCarbâ,Ç: anovel bioinorganic matrix for local drug delivery. <i>BMC Proceedings</i> , 2014, 8, .	1.6	2
141	Silver nanoparticle filter for domestic wastewater reuse. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 2152-2158.	3.2	2
142	Bio-inks for 3D extrusion-based bio-printed scaffolds: Printability assessment. <i>International Journal of Advances in Medical Biotechnology - IJAMB</i> , 2019, 2, 43.	0.2	2
143	Enzymatic Active Release of Violacein Present in Nanostructured Lipid Carrier by Lipase Encapsulated in 3D-Bioprinted Chitosan-Hydroxypropyl Methylcellulose Matrix With Anticancer Activity. <i>Frontiers in Chemistry</i> , 0, 10, .	3.6	2
144	Nanoformulations of Antiepileptic Drugs: In Vitro and In Vivo Studies. <i>Methods in Pharmacology and Toxicology</i> , 2016, , 299-326.	0.2	1

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145	Silver Nanoparticles for Treatment of Neglected Diseases. , 2017, , 39-51.		1
146	Editorial (Thematic Issue: Targeted Therapies). Mini-Reviews in Medicinal Chemistry, 2017, 17, 186-187.	2.4	1
147	In silico and in vitro Evaluation of Mimetic Peptides as Potential Antigen Candidates for Prophylaxis of Leishmaniosis. Frontiers in Chemistry, 2020, 8, 601409.	3.6	1
148	Editorial: Lipid Nanoparticles as a Novel Strategy to Deliver Bioactive Molecules. Frontiers in Chemistry, 2021, 9, 655480.	3.6	1
149	Nanobiocatalyst for drug delivery. , 2022, , 437-462.		1
150	Design of Nanostructured Lipid Carriers and Hybrid Lipid Nanoparticles. RSC Nanoscience and Nanotechnology, 2022, , 381-416.	0.2	1
151	Effects of pH and temperature on the continuous production of amylolytic enzymes by <i>Bacillus amyloliquefaciens</i> . Journal of Chemical Technology and Biotechnology, 1993, 58, 277-280.	3.2	0
152	Emerging Technologies for Bioactive Applications in Foods. , 2017, , 205-226.		0
153	Nanoparticle Formulations and Delivery Strategies for Sustained Drug Release in the Lungs. , 2021, , 273-300.		0
154	Ecotoxicologic effects of silver nanoparticles on freshwater nontarget species. , 2021, , 705-733.		0
155	An Introduction to Pharmacokinetics. , 2017, , 13-46.		0
156	Study of antimycobacterial, cytotoxic, and mutagenic potential of polymeric nanoparticles of copper (II) complex. Journal of Microencapsulation, 2022, 39, 61-71.	2.8	0
157	Nanobiocatalysis: an introduction. , 2022, , 3-15.		0
158	Photodegradation of norfloxacin adsorbed on clay and carbon-clay nanomaterials: an evaluation based on antimicrobial tests. Comptes Rendus Chimie, 2022, 25, 45-52.	0.5	0
159	Nanotechnology Applied to Personalized 3D Dressings for Diabetic Feet. , 2022, , 525-547.		0