

Attilio Converti

List of Publications by Year in descending order

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papers

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22153

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13790
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#	ARTICLE	IF	CITATIONS
1	Microencapsulation by spray drying of a functional product with mixed juice of acerola and ciriguela fruits containing three probiotic <i>Lactobacilli</i> . <i>Drying Technology</i> , 2022, 40, 1185-1195.	3.1	15
2	Thermoanalytical and phytochemical study of the cupuassu (<i>Theobroma grandiflorum</i> Schum.) seed by-product in different processing stages. <i>Journal of Thermal Analysis and Calorimetry</i> , 2022, 147, 275-284.	3.6	4
3	Immobilization of fibrinolytic protease from <i>Mucor subtilissimus</i> UCP 1262 in magnetic nanoparticles. <i>Protein Expression and Purification</i> , 2022, 192, 106044.	1.3	4
4	Physicochemical Upgrading of a Biodetergent for Application in the Industrial Energy Sector. <i>Energies</i> , 2022, 15, 463.	3.1	2
5	Use of Hydrogen as Fuel: A Trend of the 21st Century. <i>Energies</i> , 2022, 15, 311.	3.1	49
6	Chrysin-Loaded Microemulsion: Formulation Design, Evaluation and Antihyperalgesic Activity in Mice. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 477.	2.5	10
7	<i>Arthrospira platensis</i> Cultivation in a Bench-Scale Helical Tubular Photobioreactor. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1311.	2.5	5
8	Chitosan-Based Films with 2-Aminothiophene Derivative: Formulation, Characterization and Potential Antifungal Activity. <i>Marine Drugs</i> , 2022, 20, 103.	4.6	9
9	First report of collagenase production by <i>Trichosporon</i> sp. strain isolated from pollen of Amazonian bee (<i>Melipona seminigra</i> <i>seminigra</i>). <i>Preparative Biochemistry and Biotechnology</i> , 2022, , 1-9.	1.9	0
10	Oil spills: impacts and perspectives of treatment technologies with focus on the use of green surfactants. <i>Environmental Monitoring and Assessment</i> , 2022, 194, 143.	2.7	29
11	Microwave-Assisted Extraction of Fatty Acids from Cultured and Commercial Phytoplankton Species. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2407.	2.5	3
12	Solar Irradiance Forecasting Using Dynamic Ensemble Selection. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3510.	2.5	21
13	Winery waste valorisation as microalgae culture medium: A step forward for food circular economy. <i>Separation and Purification Technology</i> , 2022, 293, 121088.	7.9	8
14	Use of High-Frequency Ultrasound Waves for Boiler Water Demineralization/Desalination Treatment. <i>Energies</i> , 2022, 15, 4431.	3.1	1
15	Methods of Reactive Red 141 Dye Decolorization, Treatment, and Removal from Industrial Wastewaters: A Critical Review. <i>Environmental Engineering Science</i> , 2021, 38, 577-591.	1.6	10
16	Large Eddy Simulation of Oil-Water Annular Flow in Eccentric Vertical Pipes. <i>Chemical Engineering and Technology</i> , 2021, 44, 104-113.	1.5	2
17	Flow Synthesis of 2-Methyl(pyridin-2-yl)amino]ethanol: An Experimental and Computational Study. <i>Chemical Engineering and Technology</i> , 2021, 44, 283-290.	1.5	3
18	Production and partial purification by PEG/citrate ATPS of a β -galactosidase from the new promising isolate <i>Cladosporium tenuissimum</i> URM 7803. <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 289-299.	1.9	2

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19	Enhanced Oil Removal by a Non-Toxic Biosurfactant Formulation. <i>Energies</i> , 2021, 14, 467.	3.1	10
20	Repetitive non-destructive extraction of lipids from <i>Chlorella vulgaris</i> grown under stress conditions. <i>Bioresource Technology</i> , 2021, 326, 124798.	9.6	5
21	Role of model organisms and nanocompounds in human health risk assessment. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 285.	2.7	5
22	Chemical Characterization of <i>Microcystis aeruginosa</i> for Feed and Energy Uses. <i>Energies</i> , 2021, 14, 3013.	3.1	6
23	Thermodynamics Applied to Biomolecules. , 2021, , 29-42.		3
24	Production of green surfactants: Market prospects. <i>Electronic Journal of Biotechnology</i> , 2021, 51, 28-39.	2.2	159
25	Prediction of Thermal Behavior of Polycarbonate/Cerium Oxide Composite Films. <i>Chemical Engineering and Technology</i> , 2021, 44, 1534-1540.	1.5	2
26	Swarm-Inspired Algorithms to Optimize a Nonlinear Gaussian Adaptive PID Controller. <i>Energies</i> , 2021, 14, 3385.	3.1	6
27	Extraction and purification of <i>Aspergillus tamarii</i> Î²-fructofuranosidase with transfructosylating activity using aqueous biphasic systems (PEG/phosphate) and magnetic field. <i>Preparative Biochemistry and Biotechnology</i> , 2021, , 1-9.	1.9	1
28	Biocellulose for Treatment of Wastewaters Generated by Energy Consuming Industries: A Review. <i>Energies</i> , 2021, 14, 5066.	3.1	18
29	Use of a Sequential Fermentation Method for the Production of <i>Aspergillus tamarii</i> URM4634 Protease and a Kinetic/Thermodynamic Study of the Enzyme. <i>Catalysts</i> , 2021, 11, 963.	3.5	4
30	Astaxanthin Delivery Systems for Skin Application: A Review. <i>Marine Drugs</i> , 2021, 19, 511.	4.6	17
31	Application of a Biosurfactant Produced by <i>Bacillus cereus</i> UCP 1615 from Waste Frying Oil as an Emulsifier in a Cookie Formulation. <i>Fermentation</i> , 2021, 7, 189.	3.0	19
32	Characterization of levan produced by a <i>Paenibacillus</i> sp. isolated from Brazilian crude oil. <i>International Journal of Biological Macromolecules</i> , 2021, 186, 788-799.	7.5	16
33	In Silico Study, Physicochemical, and In Vitro Lipase Inhibitory Activity of Î±,Î²-Amyrenone Inclusion Complexes with Cyclodextrins. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9882.	4.1	4
34	Application of Green Surfactants in the Remediation of Soils Contaminated by Hydrocarbons. <i>Processes</i> , 2021, 9, 1666.	2.8	11
35	Pediocin PA-1 production by <i>Pediococcus pentosaceus</i> ET34 using non-detoxified hemicellulose hydrolysate obtained from hydrothermal pretreatment of sugarcane bagasse. <i>Bioresource Technology</i> , 2021, 338, 125565.	9.6	12
36	Green Synthesis of Silver Nanoparticles Using a Biosurfactant from <i>Bacillus cereus</i> UCP 1615 as Stabilizing Agent and Its Application as an Antifungal Agent. <i>Fermentation</i> , 2021, 7, 233.	3.0	9

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37	Chlorella vulgaris and Arthrospira platensis growth in a continuous membrane photobioreactor using industrial winery wastewater. Algal Research, 2021, 60, 102519.	4.6	14
38	Increase in the Antioxidant and Anti-Inflammatory Activity of Euterpe oleracea Martius Oil Complexed in β -Cyclodextrin and Hydroxypropyl- β -Cyclodextrin. International Journal of Molecular Sciences, 2021, 22, 11524.	4.1	3
39	Amazonian Bacuri (Platonia insignis Mart.) Fruit Waste Valorisation Using Response Surface Methodology. Biomolecules, 2021, 11, 1767.	4.0	7
40	Ferulic Acid Activity in Topical Formulations: Technological and Scientific Prospecting. Current Pharmaceutical Design, 2021, 27, 2289-2298.	1.9	11
41	Environmental and Energetic Valorization of Renewable Resources. Energies, 2021, 14, 8440.	3.1	1
42	Aqueous extracts of Agave sisalana boles have prebiotic potential. Natural Product Research, 2020, 34, 2367-2371.	1.8	2
43	Cheese whey permeate fermentation by <i>Kluyveromyces lactis</i> : a combined approach to wastewater treatment and bioethanol production. Environmental Technology (United Kingdom), 2020, 41, 3210-3218.	2.2	42
44	Design and evaluation of microencapsulated systems containing extract of whole green coffee fruit rich in phenolic acids. Food Hydrocolloids, 2020, 100, 105437.	10.7	6
45	Kinetics and Isotherms of Mercury Biosorption by Dry Biomass of <i>Arthrospira (Spirulina) platensis</i> . Chemical Engineering and Technology, 2020, 43, 240-247.	1.5	4
46	Production of β -fructofuranosidase with transfructosylating activity by <i>Aspergillus tamarii</i> URM4634 Solid-State Fermentation on agroindustrial by-products. International Journal of Biological Macromolecules, 2020, 144, 343-350.	7.5	20
47	Soil Bioremediation: Overview of Technologies and Trends. Energies, 2020, 13, 4664.	3.1	85
48	Neural-Based Ensembles and Unorganized Machines to Predict Streamflow Series from Hydroelectric Plants. Energies, 2020, 13, 4769.	3.1	26
49	Antibacterial and antifungal activity of crude and freeze-dried bacteriocin-like inhibitory substance produced by <i>Pediococcus pentosaceus</i> . Scientific Reports, 2020, 10, 12291.	3.3	18
50	Buffalo milk increases viability and resistance of probiotic bacteria in dairy beverages under in vitro simulated gastrointestinal conditions. Journal of Dairy Science, 2020, 103, 7890-7897.	3.4	23
51	Winery Wastewater Treatment by Microalgae to Produce Low-Cost Biomass for Energy Production Purposes. Energies, 2020, 13, 2490.	3.1	22
52	Therapeutic Applications of Solid Dispersions for Drugs and New Molecules: In Vitro and In Vivo Activities. Pharmaceutics, 2020, 12, 933.	4.5	8
53	Selection of Temporal Lags for Predicting Riverflow Series from Hydroelectric Plants Using Variable Selection Methods. Energies, 2020, 13, 4236.	3.1	27
54	Soy milk fermentation: effect of cooling protocol on cell viability during storage and in vitro gastrointestinal stress. Brazilian Journal of Microbiology, 2020, 51, 1645-1654.	2.0	3

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55	Optimization of protease production and sequence analysis of the purified enzyme from the cold adapted yeast <i>Rhodotorula mucilaginosa</i> CBMAI 1528. <i>Biotechnology Reports (Amsterdam)</i> , 2020, 10, 101669.	10.7	10
56	Thermocatalytic Pyrolysis of Exhausted <i>Arthrospira platensis</i> Biomass after Protein or Lipid Recovery. <i>Energies</i> , 2020, 13, 5246.	3.1	6
57	Pigments Production, Growth Kinetics, and Bioenergetic Patterns in <i>Dunaliella tertiolecta</i> (Chlorophyta) in Response to Different Culture Media. <i>Energies</i> , 2020, 13, 5347.	3.1	8
58	Antioxidant efficacy and in silico toxicity prediction of free and spray-dried extracts of green Arabica and Robusta coffee fruits and their application in edible oil. <i>Food Hydrocolloids</i> , 2020, 108, 106004.	10.7	14
59	Immobilization of a commercial <i>Aspergillus aculeatus</i> enzyme preparation with fructosyltransferase activity in chitosan beads: A kinetic/thermodynamic study and fructo-oligosaccharides continuous production in enzymatic reactor. <i>Food and Bioprocess Technology</i> , 2020, 13, 169-182.	3.6	13
60	The Use of <i>Euterpe oleracea</i> Mart. As a New Perspective for Disease Treatment and Prevention. <i>Biomolecules</i> , 2020, 10, 813.	4.0	36
61	Partial purification of fibrinolytic and fibrinogenolytic protease from <i>Gliricidia sepium</i> seeds by aqueous two-phase system. <i>Biocatalysis and Agricultural Biotechnology</i> , 2020, 7, 101669.	3.1	16
62	Bacteriocin-like inhibitory substance of <i>Pediococcus pentosaceus</i> as a biopreservative for <i>Listeria</i> sp. control in ready-to-eat pork ham. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 949-956.	2.0	17
63	Optimization of Red Mombin Juice Spray Drying: Physicochemical and Sensory Analyses of Powders. <i>Chemical Engineering and Technology</i> , 2020, 43, 1832-1840.	1.5	4
64	Optimisation of umbu juice spray drying, and physicochemical, microbiological and sensory evaluation of atomised powder. <i>Journal of Microencapsulation</i> , 2020, 37, 230-241.	2.8	5
65	Fructo-oligosaccharides production by an <i>Aspergillus aculeatus</i> commercial enzyme preparation with fructosyltransferase activity covalently immobilized on Fe ₃ O ₄ @chitosan-magnetic nanoparticles. <i>International Journal of Biological Macromolecules</i> , 2020, 150, 922-929.	7.5	51
66	Kinetic and thermodynamic parameters of nisin thermoinactivation. <i>Journal of Food Engineering</i> , 2020, 280, 109986.	5.2	5
67	Production of carbon-based biofuels by pyrolysis of exhausted <i>Arthrospira platensis</i> biomass after protein or lipid recovery. <i>Fuel Processing Technology</i> , 2020, 201, 106336.	7.2	25
68	Development and Evaluation of Antimicrobial and Modulatory Activity of Inclusion Complex of <i>Euterpe oleracea</i> Mart Oil and β -Cyclodextrin or HP- β -Cyclodextrin. <i>International Journal of Molecular Sciences</i> , 2020, 21, 942.	4.1	31
69	Bioactive compounds and value-added applications of cupuassu (<i>Theobroma grandiflorum</i> Schum.) agroindustrial by-product. <i>Food Science and Technology</i> , 2020, 40, 401-407.	1.7	22
70	Functional product enriched with the microencapsulated extract of cupuassu (<i>Theobroma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf_50 142 Td	1.7	5
71	Therapeutic Potential of <i>Melaleuca alternifolia</i> Essential Oil in New Drug Delivery Systems. <i>Current Pharmaceutical Design</i> , 2020, 26, 4048-4055.	1.9	11
72	Acute and subacute oral toxicity assessment of dry encapsulated and non-encapsulated green coffee fruit extracts. <i>Journal of Food and Drug Analysis</i> , 2020, 28, .	1.9	4

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73	Incorporation of Caprylic Acid into a Docosahexaenoic Acid Single Cell Oil for the Production of Specialty Lipids. <i>Food Technology and Biotechnology</i> , 2020, 58, 411-422.	2.1	0
74	Study of the Antioxidant Power of the Waste Oil from Palm Oil Bleaching Clay. <i>Energies</i> , 2020, 13, 804.	3.1	3
75	Flow Synthesis of a Thiazolidine Drug Intermediate in Capillary Microreactors. <i>Chemical Engineering and Technology</i> , 2019, 42, 465-473.	1.5	6
76	Biochemical characterization and kinetic/thermodynamic study of <i>Aspergillus tamarii</i> URM4634 β -fructofuranosidase with transfructosylating activity. <i>Biotechnology Progress</i> , 2019, 35, e2879.	2.6	23
77	Fed-Batch Production of <i>Saccharomyces cerevisiae</i> L-Asparaginase II by Recombinant <i>Pichia pastoris</i> MUTs Strain. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 16.	4.1	23
78	PEGylation as an efficient tool to enhance cytochrome <i>c</i> thermostability: a kinetic and thermodynamic study. <i>Journal of Materials Chemistry B</i> , 2019, 7, 4432-4439.	5.8	9
79	Effects of pH and sugar supplements on bacteriocin-like inhibitory substance production by <i>Pediococcus pentosaceus</i> . <i>Molecular Biology Reports</i> , 2019, 46, 4883-4891.	2.3	5
80	Influence of carbon source on cell size and production of anti LDL (-) single-chain variable fragment by a recombinant <i>Pichia pastoris</i> strain. <i>Molecular Biology Reports</i> , 2019, 46, 3257-3264.	2.3	3
81	Liquid-liquid equilibria in aqueous two-phase ethanol/salt systems at different temperatures and their application to anthocyanins extraction. <i>Food Science and Technology</i> , 2019, 39, 711-717.	1.7	15
82	Application of nisin as biopreservative of pork meat by dipping and spraying methods. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 523-526.	2.0	17
83	Production and formulation of a new low-cost biosurfactant to remediate oil-contaminated seawater. <i>Journal of Biotechnology</i> , 2019, 295, 71-79.	3.8	41
84	Production and characterization of collagenase from a new Amazonian <i>Bacillus cereus</i> strain. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 501-509.	1.9	5
85	<i>L. acidophilus</i> La-5, fructo-oligosaccharides and inulin may improve sensory acceptance and texture profile of a synbiotic diet mousse. <i>LWT - Food Science and Technology</i> , 2019, 105, 329-335.	5.2	14
86	Pectin hydrolysis in cashew apple juice by <i>Aspergillus aculeatus</i> URM4953 polygalacturonase covalently-immobilized on calcium alginate beads: A kinetic and thermodynamic study. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 820-827.	7.5	13
87	Optimized production of <i>Aspergillus aculeatus</i> URM4953 polygalacturonases for pectin hydrolysis in hog plum (<i>Spondias mombin</i> L.) juice. <i>Process Biochemistry</i> , 2019, 79, 18-27.	3.7	12
88	Antioxidant Activity of an Industrial Cupuassu Seed By-product: Molecular Modeling of Phenolic Compounds. <i>Chemical Engineering and Technology</i> , 2019, 42, 397-406.	1.5	3
89	Antimicrobial activity of bacteriocin-like inhibitory substance produced by <i>Pediococcus pentosaceus</i> : from shake flasks to bioreactor. <i>Molecular Biology Reports</i> , 2019, 46, 461-469.	2.3	18
90	Poly (lactic-co-glycolic acid) nanospheres allow for high l-asparaginase encapsulation yield and activity. <i>Materials Science and Engineering C</i> , 2019, 98, 524-534.	7.3	15

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91	Bacteriocin production by <i>Lactobacillus plantarum</i> ST16Pa in supplemented whey powder formulations. <i>Journal of Dairy Science</i> , 2019, 102, 87-99.	3.4	24
92	Bioactive compounds and antioxidant potential for polyphenol-rich cocoa extract obtained by agroindustrial residue. <i>Natural Product Research</i> , 2019, 33, 589-592.	1.8	10
93	Adsorption of inorganic mercury from aqueous solutions onto dry biomass of <i>Chlorella vulgaris</i> : kinetic and isotherm study. <i>Environmental Technology (United Kingdom)</i> , 2019, 40, 664-672.	2.2	45
94	Optimization of spray drying conditions to microencapsulate cupuassu (<i>Theobroma</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Td (g	1.8	14
95	Nanoemulsions Loaded with Amphotericin B: Development, Characterization and Leishmanicidal Activity. <i>Current Pharmaceutical Design</i> , 2019, 25, 1616-1622.	1.9	15
96	Hydrolysis of tannins by tannase immobilized onto magnetic diatomaceous earth nanoparticles coated with polyaniline. <i>Food Research International</i> , 2018, 107, 470-476.	6.2	18
97	Characterisation of bare and tannase-loaded calcium alginate beads by microscopic, thermogravimetric, FTIR and XRD analyses. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 900-906.	7.5	119
98	Thermodynamic and kinetic studies on pectinase extracted from <i>Aspergillus aculeatus</i> : Free and immobilized enzyme entrapped in alginate beads. <i>International Journal of Biological Macromolecules</i> , 2018, 115, 1088-1093.	7.5	45
99	Optimization of spray drying microencapsulation of olive pomace polyphenols using Response Surface Methodology and Artificial Neural Network. <i>LWT - Food Science and Technology</i> , 2018, 93, 220-228.	5.2	52
100	Microemulsions containing <i>Copaifera multijuga</i> Hayne oil-resin: Challenges to achieve an efficient system for β -caryophyllene delivery. <i>Industrial Crops and Products</i> , 2018, 111, 185-192.	5.2	16
101	Thermodynamic investigation of an alkaline protease from <i>Aspergillus tamarii</i> URM4634: A comparative approach between crude extract and purified enzyme. <i>International Journal of Biological Macromolecules</i> , 2018, 109, 1039-1044.	7.5	55
102	Microreactor Technology as a Tool for the Synthesis of a Glitazone Drug Intermediate. <i>Chemical Engineering and Technology</i> , 2018, 41, 1800-1807.	1.5	15
103	Production of β -Lactamase Inhibitors by <i>Streptomyces</i> Species. <i>Antibiotics</i> , 2018, 7, 61.	3.7	18
104	Kinetic and thermodynamic characterization of a novel <i>Aspergillus aculeatus</i> URM4953 polygalacturonase. Comparison of free and calcium alginate-immobilized enzyme. <i>Process Biochemistry</i> , 2018, 74, 61-70.	3.7	24
105	Immobilization of <i>Aspergillus ficuum</i> tannase in calcium alginate beads and its application in the treatment of boldo (<i>Peumus boldus</i>) tea. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1989-1994.	7.5	20
106	Quality control of Amazonian cocoa (<i>Theobroma cacao</i> L.) by-products and microencapsulated extract by thermal analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2018, 134, 993-1000.	3.6	8
107	Therapeutic asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	9.0	109
108	Batch and Fed-Batch Degradation of Enrofloxacin by the Fenton Process. <i>Chemical Engineering and Technology</i> , 2017, 40, 663-669.	1.5	10

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109	Microencapsulation of <i>Theobroma cacao</i> L. waste extract: optimization using response surface methodology. <i>Journal of Microencapsulation</i> , 2017, 34, 111-120.	2.8	10
110	Production and characterization of fibroin hydrogel using waste silk fibers. <i>Fibers and Polymers</i> , 2017, 18, 57-63.	2.1	19
111	Cultivation of <i>Pichia pastoris</i> carrying the scFv anti LDL (âˆ™) antibody fragment. Effect of preculture carbon source. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 419-426.	2.0	13
112	Influence of temperature and pH on the production of biosurfactant, bacteriocin and lactic acid by <i>Lactococcus lactis</i> CECT-4434. <i>CYTA - Journal of Food</i> , 2017, 15, 525-530.	1.9	24
113	Purification, biochemical, and structural characterization of a novel fibrinolytic enzyme from <i>Mucor subtilissimus</i> UCP 1262. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 1209-1219.	3.4	26
114	Removal of methylene blue dye from aqueous solutions by a new chitosan/zeolite composite from shrimp waste: Kinetic and equilibrium study. <i>Korean Journal of Chemical Engineering</i> , 2017, 34, 1699-1707.	2.7	78
115	Stimulating Effects of Sucrose and Inulin on Growth, Lactate, and Bacteriocin Productions by <i>Pediococcus pentosaceus</i> . <i>Probiotics and Antimicrobial Proteins</i> , 2017, 9, 466-472.	3.9	12
116	Production, purification and characterization of an aspartic protease from <i>Aspergillus foetidus</i> . <i>Food and Chemical Toxicology</i> , 2017, 109, 1103-1110.	3.6	56
117	Partitioning and extraction protease from <i>Aspergillus tamarii</i> URM4634 using PEG-citrate aqueous two-phase systems. <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 9, 168-173.	3.1	26
118	Combined characterization of bovine polyhemoglobin microcapsules by UV-Vis absorption spectroscopy and cyclic voltammetry. <i>Bioprocess and Biosystems Engineering</i> , 2017, 40, 431-438.	3.4	2
119	In vitro leishmanicidal, antibacterial and antitumour potential of anhydrocochliquinone A obtained from the fungus <i>Cochliobolus</i> sp.. <i>Journal of Biosciences</i> , 2017, 42, 657-664.	1.1	8
120	Extraction, isolation and characterization of inulin from <i>Agave sisalana</i> boles. <i>Industrial Crops and Products</i> , 2017, 108, 355-362.	5.2	54
121	Recovery of phenolic compounds of food concern from <i>Arthrospira platensis</i> by green extraction techniques. <i>Algal Research</i> , 2017, 25, 391-401.	4.6	28
122	Comparison of Response Surface Methodology and Artificial Neural Network for Modeling Xylose to Xylitol Bioconversion. <i>Chemical Engineering and Technology</i> , 2017, 40, 122-129.	1.5	8
123	Influence of toluene and salinity on biosurfactant production by <i>Bacillus</i> sp.: scale up from flasks to a bench-scale bioreactor. <i>Brazilian Journal of Chemical Engineering</i> , 2017, 34, 395-405.	1.3	10
124	Ammonium Feeding and pH Influencing <i>Arthrospira platensis</i> Growth, Composition, and Ca^{2+} and N^{3-} Uptake. <i>Chemical Engineering and Technology</i> , 2016, 39, 1700-1706.	1.5	1
125	Purification of a fibrinolytic protease from <i>Mucor subtilissimus</i> UCP 1262 by aqueous two-phase systems (PEG/sulfate). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1025, 16-24.	2.3	48
126	Effect of aeration and agitation on extractive fermentation of clavulanic acid by using aqueous two-phase system. <i>Biotechnology Progress</i> , 2016, 32, 1444-1452.	2.6	8

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127	Production of bacteriocin-like inhibitory substances (<sc>BLIS</sc>) by <i>Bifidobacterium lactis</i> using whey as a substrate. International Journal of Dairy Technology, 2016, 69, 236-242.	2.8	12
128	<i>Chlorella vulgaris</i> as a lipid source: Cultivation on air and seawater-simulating medium in a helicoidal photobioreactor. Biotechnology Progress, 2016, 32, 279-284.	2.6	18
129	Thermal characterization of Arrabidaea chica (Humb. & Bonpl.) B. Verl. dry extracts obtained by spray dryer. Journal of Thermal Analysis and Calorimetry, 2016, 123, 2469-2475.	3.6	13
130	A new bioenergetic and thermodynamic approach to batch photoautotrophic growth of Arthrospira (Spirulina) platensis in different photobioreactors and under different light conditions. Bioresource Technology, 2016, 207, 220-228.	9.6	25
131	Batch growth of Kluyveromyces lactis cells from deproteinized whey: Response surface methodology versus Artificial neural network-Genetic algorithm approach. Biochemical Engineering Journal, 2016, 109, 305-311.	3.6	26
132	A Critical Review of Biological Processes and Technologies for Landfill Leachate Treatment. Chemical Engineering and Technology, 2015, 38, 2115-2126.	1.5	74
133	Doxycycline Degradation by the Oxidative Fenton Process. Journal of Chemistry, 2015, 2015, 1-9.	1.9	36
134	Effect of inulin on growth and bacteriocin production by <i>Lactobacillus plantarum</i> in stationary and shaken cultures. International Journal of Food Science and Technology, 2015, 50, 864-870.	2.7	26
135	Antimicrobial and radical scavenging properties of bovine collagen hydrolysates produced by Penicillium aurantiogriseum URM 4622 collagenase. Journal of Food Science and Technology, 2015, 52, 4459-4466.	2.8	39
136	Kinetic and thermodynamic studies of a novel acid protease from Aspergillus foetidus. International Journal of Biological Macromolecules, 2015, 81, 17-21.	7.5	78
137	Production of bacteriocin-like inhibitory substance by <i>Bifidobacterium lactis</i> in skim milk supplemented with additives. Journal of Dairy Research, 2015, 82, 350-355.	1.4	18
138	Preparation and characterization of a microencapsulated polyethylene glycol cross-linked polyhemoglobin. Bioprocess and Biosystems Engineering, 2015, 38, 2263-2269.	3.4	2
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