

# Marco Di Luccio

## List of Publications by Year in descending order

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181  
papers

4,623  
citations

93792

39  
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169272

56  
g-index

182  
all docs

182  
docs citations

182  
times ranked

5336  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on Microbial Lipases Production. Food and Bioprocess Technology, 2010, 3, 182-196.	2.6	381
2	Production and characterization of xantham gum by Xanthomonas campestris using cheese whey as sole carbon source. Journal of Food Engineering, 2009, 90, 119-123.	2.7	100
3	Optimization of inulinase production by solid-state fermentation using sugarcane bagasse as substrate. Enzyme and Microbial Technology, 2006, 39, 56-59.	1.6	96
4	Modification of hydrophobic commercial PVDF microfiltration membranes into superhydrophilic membranes by the mussel-inspired method with dopamine and polyethyleneimine. Separation and Purification Technology, 2019, 212, 641-649.	3.9	93
5	Silicon carbide filters and porous membranes: A review of processing, properties, performance and application. Journal of Membrane Science, 2020, 610, 118193.	4.1	87
6	Response surface method to optimize the production and characterization of lipase from Penicillium verrucosum in solid-state fermentation. Bioprocess and Biosystems Engineering, 2008, 31, 119-125.	1.7	82
7	Optimization of Enzymatic Production of Biodiesel from Castor Oil in Organic Solvent Medium. Applied Biochemistry and Biotechnology, 2004, 115, 0771-0780.	1.4	81
8	Concentration of phenolic compounds from strawberry (Fragaria X ananassa Duch) juice by nanofiltration membrane. Journal of Food Engineering, 2017, 201, 36-41.	2.7	77
9	Isolation and Screening of Lipase-Producing Fungi with Hydrolytic Activity. Food and Bioprocess Technology, 2011, 4, 578-586.	2.6	75
10	Preparation and antimicrobial activity of polyethylene composite films with silver exchanged zeolite-Y. Chemical Engineering Journal, 2012, 204-206, 210-216.	6.6	73
11	Xanthan gum production and rheological behavior using different strains of Xanthomonas sp.. Carbohydrate Polymers, 2009, 77, 65-71.	5.1	67
12	Kinetics of ultrasound-assisted enzymatic biodiesel production from Macauba coconut oil. Renewable Energy, 2015, 76, 388-393.	4.3	67
13	Gelatin edible coatings with mint essential oil (Mentha arvensis): film characterization and antifungal properties. Journal of Food Science and Technology, 2019, 56, 4045-4056.	1.4	67
14	Separation of fructose from a mixture of sugars using supported liquid membranes. Journal of Membrane Science, 2000, 174, 217-224.	4.1	66
15	Effect of Temperature, Moisture, and Carbon Supplementation on Lipase Production by Solid-State Fermentation of Soy Cake by <i>Penicillium simplicissimum</i> . Applied Biochemistry and Biotechnology, 2004, 113, 173-180.	1.4	64
16	Lipase production by solid fermentation of soybean meal with different supplements. LWT - Food Science and Technology, 2010, 43, 1132-1137.	2.5	64
17	Obtaining fermentable sugars and bioproducts from rice husks by subcritical water hydrolysis in a semi-continuous mode. Bioresource Technology, 2019, 272, 510-520.	4.8	61
18	Dairy wastewater treatment using integrated membrane systems. Journal of Environmental Chemical Engineering, 2017, 5, 4819-4827.	3.3	59

#	ARTICLE	IF	CITATIONS
19	Enzymatic synthesis of fructooligosaccharides by inulinases from <i>Aspergillus niger</i> and <i>Kluyveromyces marxianus</i> NRRL Y-7571 in aqueous-organic medium. <i>Food Chemistry</i> , 2013, 138, 148-153.	4.2	56
20	Encapsulated essential oils: A perspective in food preservation. <i>Future Foods</i> , 2022, 5, 100126.	2.4	55
21	Subcritical water hydrolysis of rice straw in a semi-continuous mode. <i>Journal of Cleaner Production</i> , 2019, 209, 386-397.	4.6	54
22	Optimization of Alkaline Transesterification of Soybean Oil and Castor Oil for Biodiesel Production. <i>Applied Biochemistry and Biotechnology</i> , 2005, 122, 0553-0560.	1.4	52
23	Production of inulinase by solid-state fermentation: effect of process parameters on production and preliminary characterization of enzyme preparations. <i>Bioprocess and Biosystems Engineering</i> , 2007, 30, 297-304.	1.7	52
24	Optimization of lipase production by <i>Penicillium simplicissimum</i> in soybean meal. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 47-54.	1.6	51
25	Chemical characterization and antimicrobial activity of essential oils of <i>salvia</i> L. species. <i>Food Science and Technology</i> , 2009, 29, 764-770.	0.8	48
26	Fractionation of citronella ( <i>Cymbopogon winterianus</i> ) essential oil and concentrated orange oil phase by batch vacuum distillation. <i>Journal of Food Engineering</i> , 2011, 102, 348-354.	2.7	47
27	Optimization of the Production of Total Carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) Using Response Surface Technique. <i>Food and Bioprocess Technology</i> , 2009, 2, 415-421.	2.6	46
28	Qualitative lead extraction from recycled lead-acid batteries slag. <i>Journal of Hazardous Materials</i> , 2009, 172, 1677-1680.	6.5	45
29	Inulinase Production by Agro-Industrial Residues: Optimization of Pretreatment of Substrates and Production Medium. <i>Food and Bioprocess Technology</i> , 2009, 2, 409-414.	2.6	45
30	Optimization of inulinase production by solid-state fermentation in a packed-bed bioreactor. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 109-114.	1.6	44
31	Physical and morphological properties of hydroxypropyl methylcellulose films with curcumin polymorphs. <i>Food Hydrocolloids</i> , 2019, 97, 105217.	5.6	44
32	Cellulolytic enzyme production from agricultural residues for biofuel purpose on circular economy approach. <i>Bioprocess and Biosystems Engineering</i> , 2019, 42, 677-685.	1.7	44
33	Assessment of Cell Disruption and Carotenoids Extraction from <i>Sporidiobolus salmonicolor</i> (CBS) Tj ETQq1 1 0.784314 rgBT / Overlook	2.6	43
34	Microporous anisotropic phase inversion membranes from bisphenol-A polycarbonate: study of a ternary system. <i>Polymer</i> , 2000, 41, 4309-4315.	1.8	42
35	Evaluation of flat sheet and hollow fiber supported liquid membranes for fructose pertraction from a mixture of sugars. <i>Desalination</i> , 2002, 148, 213-220.	4.0	42
36	Separation of n-butane from soybean oil mixtures using membrane processes. <i>Journal of Membrane Science</i> , 2009, 333, 141-146.	4.1	42

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37	FAME Production from Waste Oils Through Commercial Soluble Lipase Eversa <sup>®</sup> Catalysis. Industrial Biotechnology, 2016, 12, 254-262.	0.5	42
38	Economic analysis of ethanol and fructose production by selective fermentation coupled to pervaporation: effect of membrane costs on process economics. Desalination, 2002, 147, 161-166.	4.0	41
39	Recent achievements in facilitated transport membranes for separation processes. Brazilian Journal of Chemical Engineering, 2007, 24, 101-118.	0.7	41
40	Extraction, chemical characterization and antioxidant activity of andiroba seeds oil obtained from pressurized n-butane. Industrial Crops and Products, 2015, 76, 697-701.	2.5	40
41	Enhancement of phenolic compounds content and antioxidant activity of strawberry ( <i>Fragaria Å</i> ) and Technology, 2017, 52, 781-787.	1.3	38
42	Effect of magnetic field on the Eversa <sup>®</sup> Transform 2.0 enzyme: Enzymatic activity and structural conformation. International Journal of Biological Macromolecules, 2019, 122, 653-658.	3.6	38
43	Xanthan gum produced by <i>Xanthomonas campestris</i> from cheese whey: production optimisation and rheological characterisation. Journal of the Science of Food and Agriculture, 2009, 89, 2440-2445.	1.7	37
44	Ethanol precipitation and ultrafiltration of inulinases from <i>Kluyveromyces marxianus</i> . Separation and Purification Technology, 2011, 78, 261-265.	3.9	37
45	Study of the Extraction, Concentration, and Partial Characterization of Lipases Obtained from <i>Penicillium verrucosum</i> using Solid-State Fermentation of Soybean Bran. Food and Bioprocess Technology, 2010, 3, 537-544.	2.6	36
46	Characterization of polymeric membranes used in vegetable oil/organic solvents separation. Journal of Membrane Science, 2010, 362, 495-500.	4.1	36
47	Produção de carotenoides: microrganismos como fonte de pigmentos naturais. Quimica Nova, 2009, 32, .	0.3	33
48	Kinetics of inulinase production by solid-state fermentation in a packed-bed bioreactor. Food Chemistry, 2010, 120, 163-173.	4.2	33
49	Inulinase Production by <i>Kluyveromyces marxianus</i> NRRL Y-7571 Using Solid State Fermentation. Applied Biochemistry and Biotechnology, 2006, 132, 951-958.	1.4	31
50	Study of the bio-production of carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) using pre-treated agro-industrial substrates. Journal of Chemical Technology and Biotechnology, 2008, 83, 1267-1274.	1.6	31
51	Evaluation of reverse osmosis and nanofiltration membranes performance in the permeation of organic solvents. Journal of Membrane Science, 2015, 492, 478-489.	4.1	31
52	Enzymatic synthesis of soybean biodiesel using supercritical carbon dioxide as solvent in a continuous expanded-bed reactor. Journal of Supercritical Fluids, 2015, 97, 16-21.	1.6	30
53	Kinetics of Enzyme-Catalyzed Alcoholysis of Soybean Oil in n-Hexane. Applied Biochemistry and Biotechnology, 2005, 121, 0231-0242.	1.4	28
54	Stability of oil-in-water emulsions produced by membrane emulsification with microporous ceramic membranes. Journal of Food Engineering, 2017, 195, 73-84.	2.7	28

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55	Extraction of Inulinase Obtained by Solid State Fermentation of Sugarcane Bagasse by <i>Kluyveromyces marxianus</i> NRRL Y-7571. <i>Applied Biochemistry and Biotechnology</i> , 2008, 149, 195-203.	1.4	27
56	Partial characterization of lipases produced by a newly isolated <i>Penicillium</i> sp. in solid state and submerged fermentation: A comparative study. <i>LWT - Food Science and Technology</i> , 2009, 42, 1557-1560.	2.5	27
57	Assessment of process variables on 2-ethylhexyl palmitate production using Novozym 435 as catalyst in a solvent-free system. <i>Bioprocess and Biosystems Engineering</i> , 2010, 33, 331-337.	1.7	27
58	Evaluation of Acid Activation under the Adsorption Capacity of Double Layered Hydroxides of Mg <sub>3</sub> Al <sub>2</sub> (OH) <sub>6</sub> Type for Fluoride Removal from Aqueous Medium. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 6871-6876.	1.8	26
59	Relationship between Instrumental and Sensory Texture Profile of Bread Loaves Made with Whole Wheat Flour and Fat Replacer. <i>Journal of Texture Studies</i> , 2016, 47, 14-23.	1.1	25
60	Fouling control in ultrafiltration of bovine serum albumin and milk by the use of permanent magnetic field. <i>Journal of Food Engineering</i> , 2016, 168, 154-159.	2.7	25
61	Comparison of macauba and soybean oils as substrates for the enzymatic biodiesel production in ultrasound-assisted system. <i>Ultrasonics Sonochemistry</i> , 2017, 35, 525-528.	3.8	25
62	Application of Different Lipases as Pretreatment in Anaerobic Treatment of Wastewater. <i>Environmental Engineering Science</i> , 2008, 25, 1243-1248.	0.8	24
63	Comparison of Two Lipases in the Hydrolysis of Oil and Grease in Wastewater of the Swine Meat Industry. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 1760-1765.	1.8	24
64	Kinetics of lipase-catalyzed synthesis of soybean fatty acid ethyl esters in pressurized propane. <i>Journal of Biotechnology</i> , 2010, 147, 108-115.	1.9	24
65	Production and partial characterization of multifunctional lipases by <i>Sporobolomyces ruberrimus</i> using soybean meal, rice meal and sugarcane bagasse as substrates. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 243-252.	1.5	24
66	Continuous flow electrocoagulation in the treatment of wastewater from dairy industries. <i>Water Science and Technology</i> , 2016, 73, 1418-1425.	1.2	24
67	Degradation of dimethyl disulfide using homogeneous Fenton's reaction. <i>Journal of Hazardous Materials</i> , 2009, 169, 443-447.	6.5	23
68	Immobilization of inulinase from <i>Kluyveromyces marxianus</i> NRRL Y-7571 using modified sodium alginate beads. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 383-388.	1.7	23
69	A Systematic Study on Extraction of Lipase Obtained by Solid-State Fermentation of Soybean Meal by a Newly Isolated Strain of <i>Penicillium</i> sp. <i>Food and Bioprocess Technology</i> , 2010, 3, 461-465.	2.6	22
70	Esterification activities of non-commercial lipases after pre-treatment in pressurized propane. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 839-844.	1.6	22
71	Mathematical modeling of thin-layer drying of fermented and non-fermented sugarcane bagasse. <i>Biomass and Bioenergy</i> , 2010, 34, 780-786.	2.9	22
72	Influence of different solvent and time of pre-treatment on commercial polymeric ultrafiltration membranes applied to non-aqueous solvent permeation. <i>European Polymer Journal</i> , 2015, 66, 492-501.	2.6	22

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73	d-Tyrosine loaded nanocomposite membranes for environmental-friendly, long-term biofouling control. <i>Water Research</i> , 2018, 130, 105-114.	5.3	22
74	Evaluation of enzymatic treatment of peach juice using response surface methodology. <i>Journal of the Science of Food and Agriculture</i> , 2008, 88, 507-512.	1.7	21
75	Characterization of a commercial cellulase for hydrolysis of agroindustrial substrates. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 1229-1237.	1.7	21
76	Production and partial characterization of lipase from <i>Penicillium verrucosum</i> obtained by submerged fermentation of conventional and industrial media. <i>Food Science and Technology</i> , 2008, 28, 444-450.	0.8	20
77	Partial Characterization of Inulinases Obtained by Submerged and Solid-State Fermentation Using Agroindustrial Residues as Substrates: A Comparative Study. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 682-693.	1.4	19
78	Production of multifunctional lipases by <i>Penicillium verrucosum</i> and <i>Penicillium brevicompactum</i> under solid state fermentation of babassu cake and castor meal. <i>Bioprocess and Biosystems Engineering</i> , 2011, 34, 145-152.	1.7	19
79	Separation of soybean oil/n-hexane and soybean oil/n-butane mixtures using ceramic membranes. <i>Food Research International</i> , 2014, 63, 33-41.	2.9	19
80	Use of low-cost agro products as substrate in semi-continuous process to obtain carotenoids by <i>Sporidiobolus salmonicolor</i> . <i>Biocatalysis and Agricultural Biotechnology</i> , 2017, 11, 268-274.	1.5	19
81	Desolventizing organic solvent-soybean oil miscella using ultrafiltration ceramic membranes. <i>Journal of Membrane Science</i> , 2015, 475, 357-366.	4.1	18
82	Changes in the physico-chemical characteristics of a protein solution in the presence of magnetic field and the consequences on the ultrafiltration performance. <i>Journal of Food Engineering</i> , 2019, 242, 84-93.	2.7	18
83	PrÃ©-tratamentos de melaÃ§o de cana-de-aÃ§Ã¢car e Ã¡gua de maceraÃ§Ã£o de milho para a bioproduÃ§Ã£o de carotenÃ³ides. <i>Quimica Nova</i> , 2007, 30, 1860-1866.	0.3	17
84	Kinetic and Stoichiometric Parameters in the Production of Carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) in Synthetic and Agroindustrial Media. <i>Applied Biochemistry and Biotechnology</i> , 2009, 157, 61-69.	1.4	17
85	Evaluation of aeration and substrate concentration on the production of carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636) in bioreactor. <i>European Food Research and Technology</i> , 2011, 232, 453-462.	1.6	17
86	Tailoring asymmetric Al <sub>2</sub> O <sub>3</sub> membranes by combining tape casting and phase inversion. <i>Journal of Membrane Science</i> , 2021, 623, 119056.	4.1	17
87	Innovation and Trends in Probiotic Microencapsulation by Emulsification Techniques. <i>Food Engineering Reviews</i> , 2022, 14, 462-490.	3.1	17
88	Lipase-catalyzed synthesis of poly( $\epsilon$ -caprolactone) in supercritical carbon dioxide. <i>Biocatalysis and Agricultural Biotechnology</i> , 2012, 1, 280-283.	1.5	16
89	Concentration, characterization and application of lipases from <i>Sporidiobolus pararoseus</i> strain. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 294-301.	0.8	16
90	Fed-batch production of carotenoids by <i>Sporidiobolus salmonicolor</i> (CBS 2636): kinetic and stoichiometric parameters. <i>European Food Research and Technology</i> , 2015, 240, 173-182.	1.6	16

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91	Impact of Organic Solvents on Physicochemical Properties of Nanofiltration and Reverse Osmosis Membranes. <i>Chemical Engineering and Technology</i> , 2019, 42, 2700-2708.	0.9	16
92	Bioactive Compounds from Jambolan ( <i>Syzygium cumini</i> (L.)) Extract Concentrated by Ultra- and Nanofiltration: a Potential Natural Antioxidant for Food. <i>Plant Foods for Human Nutrition</i> , 2021, 76, 90-97.	1.4	16
93	ORIGINAL RESEARCH: Improved lipase biosynthesis by a newly isolated <i>Penicillium</i> sp. grown on agricultural wastes. <i>Industrial Biotechnology</i> , 2009, 5, 119-126.	0.5	15
94	Screening of microorganisms for production of carotenoids Selección de microorganismos para la producción de carotenoides. <i>CYTA - Journal of Food</i> , 2011, 9, 160-166.	0.9	15
95	Evaluation of permeation of macauba oil and n-hexane mixtures through polymeric commercial membranes subjected to different pre-treatments. <i>Journal of Food Engineering</i> , 2015, 155, 79-86.	2.7	15
96	Novozym® 435-catalyzed production of ascorbyl oleate in organic solvent ultrasound-assisted system. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 514-520.	1.5	15
97	Ultrafiltration performance of spent brewer's yeast protein hydrolysate: Impact of pH and membrane material on fouling. <i>Journal of Food Engineering</i> , 2021, 302, 110569.	2.7	15
98	Production and partial characterization of lipases from a newly isolated <i>Penicillium</i> sp. using experimental design. <i>Letters in Applied Microbiology</i> , 2009, 49, 60-66.	1.0	14
99	Mathematical modeling of <i>Kluyveromyces marxianus</i> growth in solid-state fermentation using a packed-bed bioreactor. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2010, 37, 391-400.	1.4	14
100	Optimization of 2-ethylhexyl Palmitate Production Using Lipozyme RM IM as Catalyst in a Solvent-Free System. <i>Applied Biochemistry and Biotechnology</i> , 2010, 160, 2498-2508.	1.4	14
101	Response Surface Methodology for Optimization of Lipase Production by an Immobilized Newly Isolated <i>Penicillium</i> sp.. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 9651-9657.	1.8	13
102	Assessment of hydrolysis of cheese whey and use of hydrolysate for bioproduction of carotenoids by <i>Sporidiobolus salmonicolor</i> CBS 2636. <i>Journal of the Science of Food and Agriculture</i> , 2009, 89, 1060-1065.	1.7	13
103	Solvent recovery from soybean oil/n-hexane mixtures using hollow fiber membrane. <i>Brazilian Journal of Chemical Engineering</i> , 2012, 29, 577-584.	0.7	13
104	Liquefied petroleum gas as solvent medium for the treatment of immobilized inulinases. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 280-286.	1.6	13
105	Total Phenolic Contents and Antioxidant Activity in Oxidized Leaves of Mate ( <i>Ilex paraguariensis</i> St.) <i>Tj ETQq1 1 0.784314 rgBT /Over bc</i>	0.5	13
106	Impact of MWCO and Dopamine/Polyethyleneimine Concentrations on Surface Properties and Filtration Performance of Modified Membranes. <i>Membranes</i> , 2020, 10, 239.	1.4	13
107	Efeito da adição de probióticos sobre as características de queijo prato com reduzido teor de gordura fabricado com fibras e lactato de potássio. <i>Food Science and Technology</i> , 2008, 28, 214-219.	0.8	12
108	Evaluation of the conditions of carotenoids production in a synthetic medium by <i>Sporidiobolus salmonicolor</i> (CBS 2636) in a bioreactor. <i>International Journal of Food Science and Technology</i> , 2009, 44, 2445-2451.	1.3	12

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109	Low-pressure solubility of propane and n-butane in refined soybean oil. <i>Journal of Chemical Thermodynamics</i> , 2009, 41, 1378-1381.	1.0	12
110	'Synthetic lipase' production from a newly isolated <i>Sporidiobolus pararoseus</i> strain by submerged fermentation. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 1490-1498.	0.8	12
111	Preliminary Characterization of Novel Extra-cellular Lipase from <i>Penicillium crustosum</i> Under Solid-State Fermentation and its Potential Application for Triglycerides Hydrolysis. <i>Food and Bioprocess Technology</i> , 2012, 5, 1592-1600.	2.6	12
112	Effect of magnetic field on the ultrafiltration of bovine serum albumin. <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 1087-1093.	1.7	12
113	Purification of pectinases from <i>Aspergillus niger</i> ATCC 9642 by ethanol precipitation. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 315-320.	1.5	12
114	Extraction, chemical characterization and antioxidant activity of Litchi chinensis Sonn. and Avena sativa L. seeds extracts obtained from pressurized n-butane. <i>Journal of Food Science and Technology</i> , 2017, 54, 846-851.	1.4	12
115	Solvent recovery from soybean oil/n-butane mixtures using a hollow fiber ultrafiltration membrane. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 243-249.	0.7	12
116	Microporous anisotropic phase inversion membranes from bisphenol A polycarbonate: Effect of additives to the polymer solution. <i>Journal of Applied Polymer Science</i> , 2002, 86, 3085-3096.	1.3	11
117	Qualitative Study of Organic Compounds in Wastewaters of a Swine Slaughterhouse. <i>Environmental Monitoring and Assessment</i> , 2006, 116, 103-110.	1.3	11
118	Effects of the addition of collagen and degree of comminution in the quality of chicken ham. <i>Journal of Applied Poultry Research</i> , 2013, 22, 885-903.	0.6	11
119	An expedite facile method for modification of PVDF membranes with polydopamine and TiO <sub>2</sub> to improve water permeation. <i>Materials Letters</i> , 2022, 324, 132611.	1.3	11
120	Esterification Activity of Novel Fungal and Yeast Lipases. <i>Applied Biochemistry and Biotechnology</i> , 2010, 162, 1881-1888.	1.4	10
121	Decontamination of Pig Carcasses Using Water Pressure and Lactic Acid. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 954-961.	0.5	10
122	Design Strategies for Integrated $\beta$ -Galactosidase Purification Processes. <i>Chemical Engineering and Technology</i> , 2014, 37, 1805-1812.	0.9	10
123	Fatty acid profile of pecan nut oils obtained from pressurized n-butane and cold pressing compared with commercial oils. <i>Journal of Food Science and Technology</i> , 2017, 54, 3366-3369.	1.4	10
124	Characterization of functionalized zirconia membranes manufactured by aqueous tape casting. <i>Ceramics International</i> , 2020, 46, 16096-16103.	2.3	10
125	Effect of magnetic field on calcium - silica fouling and interactions in brackish water distribution systems. <i>Science of the Total Environment</i> , 2021, 798, 148900.	3.9	10
126	Formulação de bebida láctea fermentada sabor pêssego utilizando substratos alternativos e cultura probiótica. <i>Food Science and Technology</i> , 0, 28, 170-177.	0.8	10



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127	Development and characterization of microfiltration hollow-fiber modules for sterilization of fermentation media. <i>Brazilian Journal of Chemical Engineering</i> , 2002, 19, 141-150.	0.7	9
128	Pervaporation as an alternative for adding value to residues of oyster ( <i>Crassostrea gigas</i> ) processing. <i>Separation and Purification Technology</i> , 2020, 232, 115968.	3.9	9
129	Deposition of Dopamine and Polyethyleneimine on Polymeric Membranes: Improvement of Performance of Ultrafiltration Process. <i>Macromolecular Research</i> , 2020, 28, 1091-1097.	1.0	9
130	Use of membranes for the treatment and reuse of water from the pre-cooling system of chicken carcasses. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 126-133.	1.2	9
131	Pressurized Propane: An Alternative Technique to Increase Inulinase Activity. <i>Industrial Biotechnology</i> , 2012, 8, 293-299.	0.5	8
132	EVALUATION OF SUGAR INVERSION IN CHEWING GUM ADDED OF SODIUM LACTATE. <i>Journal of Food Process Engineering</i> , 2012, 35, 37-53.	1.5	8
133	Separation of soybean oil from liquefied n-butane and liquefied petroleum gas by membrane separation process. <i>Canadian Journal of Chemical Engineering</i> , 2015, 93, 96-101.	0.9	8
134	Desolventizing of <i>Jatropha curcas</i> oil from azeotropes of solvents using ceramic membranes. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2928-2938.	1.2	8
135	Effect of compressed fluids on the enzymatic activity and structure of lysozyme. <i>Journal of Supercritical Fluids</i> , 2017, 130, 125-132.	1.6	8
136	Purification of inulinases by changing the ionic strength of the medium and precipitation with alcohols. <i>Anais Da Academia Brasileira De Ciencias</i> , 2017, 89, 57-63.	0.3	8
137	Imobiliza�o de lipases produzidas por fermenta�o em estado s�lido utilizando <i>Penicillium verrucosum</i> em suportes hidrof�bicos. <i>Food Science and Technology</i> , 2009, 29, 440-443.	0.8	7
138	Interference of salts used on aqueous two-phase systems on the quantification of total proteins. <i>International Journal of Biological Macromolecules</i> , 2016, 83, 30-33.	3.6	7
139	Characterization and performance of reverse osmosis and nanofiltration membranes submitted to subcritical and supercritical CO <sub>2</sub> . <i>Journal of Supercritical Fluids</i> , 2017, 128, 39-46.	1.6	7
140	Effect of high pressure and magnetic field treatments on stability of <i>Candida antarctica</i> lipase B (CALB) and lysozyme from chicken egg. <i>Catalysis Communications</i> , 2018, 116, 43-47.	1.6	7
141	Assessment of oxidation of leaves of <i>Ilex paraguariensis</i> (St. Hil). <i>Brazilian Archives of Biology and Technology</i> , 2011, 54, 337-345.	0.5	7
142	Lipase immobilization on alumina membranes using a traditional and a nature-inspired method for active degradation of oil fouling. <i>Separation and Purification Technology</i> , 2022, 287, 120527.	3.9	7
143	SUCROSE INVERSION OF HARD CANDIES FORMULATED WITH REWORK SYRUP WITH ADDITION OF SODIUM LACTATE. <i>Journal of Food Process Engineering</i> , 2011, 34, 305-316.	1.5	6
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