

LuÃ-s J P Da Fonseca

List of Publications by Year in descending order

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151
papers

4,305
citations

136740

32
h-index

128067

60
g-index

160
all docs

160
docs citations

160
times ranked

5611
citing authors

#	ARTICLE	IF	CITATIONS
1	Enzymatic Poly(octamethylene sebacate) Synthesis by a Two-Step Polymerization Method Based on the New Greener Polymer-5B Technology. <i>Processes</i> , 2022, 10, 221.	1.3	2
2	Electrode Kinetics of Ion Jelly and Ion Sol-Gel Redox Materials on Screen-Printed Electrodes. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 2087.	1.3	1
3	LipNanoCar Technology – A Versatile and Scalable Technology for the Production of Lipid Nanoparticles. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1357, 43-82.	0.8	2
4	Dermal Delivery of Lipid Nanoparticles: Effects on Skin and Assessment of Absorption and Safety. <i>Advances in Experimental Medicine and Biology</i> , 2022, 1357, 83-114.	0.8	1
5	Biodegradable Polyester Synthesis in Renewed Aqueous Polycondensation Media: The Core of the New Greener Polymer-5B Technology. <i>Processes</i> , 2021, 9, 365.	1.3	5
6	Immobilization of Amano AK Lipase from <i>Pseudomonas fluorescens</i> on Novel Silk Microfiber using Oxone®: Parameter Optimization for Enzymatic Assays and use in Esterification of Residual Palm Oil. <i>Current Catalysis</i> , 2021, 10, 119-129.	0.5	7
7	Technologies for High-Throughput Identification of Antibiotic Mechanism of Action. <i>Antibiotics</i> , 2021, 10, 565.	1.5	8
8	In Situ Electrochemical Characterization of a Microbial Fuel Cell Biocathode Running on Wastewater. <i>Catalysts</i> , 2021, 11, 839.	1.6	5
9	Fast identification of off-target liabilities in early antibiotic discovery with Fourier-transform infrared spectroscopy. <i>Biotechnology and Bioengineering</i> , 2021, 118, 4465-4476.	1.7	4
10	Simultaneous elucidation of antibiotic mechanism of action and potency with high-throughput Fourier-transform infrared (FTIR) spectroscopy and machine learning. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 1269-1286.	1.7	19
11	Enzymatic Production of Bioactive Peptides from Whey Proteins: Their Active Role and Potential Health Benefits. , 2021, , 473-506.		0
12	Bioelectricity generation using long-term operated biocathode: RFLP based microbial diversity analysis. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2021, 32, e00693.	2.1	10
13	Miniemulsion in biocatalysis, a new approach employing a solid reagent and an easy protocol for product isolation applied to the aldol reaction by <i>Rhizopus niveus</i> lipase. <i>Bioresource Technology</i> , 2020, 297, 122441.	4.8	6
14	Topical distribution and efficiency of nanostructured lipid carriers on a 3D reconstructed human epidermis model. <i>Journal of Drug Delivery Science and Technology</i> , 2020, 57, 101616.	1.4	7
15	Metabolic Fingerprinting with Fourier-Transform Infrared (FTIR) Spectroscopy: Towards a High-Throughput Screening Assay for Antibiotic Discovery and Mechanism-of-Action Elucidation. <i>Metabolites</i> , 2020, 10, 145.	1.3	17
16	Fourier-Transform Mid-Infrared (FT-MIR) Spectroscopy in Biomedicine. , 2020, , 1-39.		1
17	Optimization of nanostructured lipid carriers loaded with retinoids by central composite design. <i>Journal of Molecular Liquids</i> , 2019, 293, 111468.	2.3	29
18	A phenotypic screening bioassay for <i>Escherichia coli</i> stress and antibiotic responses based on Fourier-transform infrared (FTIR) spectroscopy and multivariate analysis. <i>Journal of Applied Microbiology</i> , 2019, 127, 1776-1789.	1.4	9

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19	Towards an automated statistical workflow for biomarker screening in Fourier-transform infrared spectroscopy. , 2019, , .		0
20	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.	2.0	23
21	Optimization of production medium for expression and secretion of a heterologous cutinase by a recombinant <i>Escherichia coli</i> strain. , 2019, , .		0
22	Antibiotic Discovery: Where Have We Come from, Where Do We Go?. <i>Antibiotics</i> , 2019, 8, 45.	1.5	184
23	Characterization of gastric cells infection by diverse <i>Helicobacter pylori</i> strains through Fourier-transform infrared spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 210, 193-202.	2.0	21
24	Design of multifunctional nanostructured lipid carriers enriched with α -tocopherol using vegetable oils. <i>Industrial Crops and Products</i> , 2018, 118, 149-159.	2.5	61
25	Stability of lipases in miniemulsion systems: Correlation between secondary structure and activity. <i>Enzyme and Microbial Technology</i> , 2018, 114, 7-14.	1.6	8
26	Improvement of enzyme stability for alkyl esters synthesis in miniemulsion systems by using media engineering. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1338-1346.	1.6	5
27	Knoevenagel Condensation Reactions of Cyano Malononitrile-Derivatives Under Microwave Radiation. <i>Current Organic Chemistry</i> , 2018, 22, 519-532.	0.9	11
28	Optimization of a bioassay to evaluate <i>Escherichia coli</i> stress responses. , 2017, , .		1
29	Stability assay of <i>Candida rugosa</i> lipase in miniemulsion system to synthesis of biodegradable polymers. , 2017, , .		1
30	High-throughput bioassay for mechanism of action determination of antibacterial drugs. , 2017, , .		2
31	Hydrolysis of cellulose from sugarcane bagasse by cellulases from marine-derived fungi strains. <i>International Biodeterioration and Biodegradation</i> , 2017, 121, 66-78.	1.9	27
32	Comparative Electrochemical Behavior of Cytochrome <i>c</i> on Aqueous Solutions Containing Cholineâ€Based Room Temperature Ionic Liquids. <i>ChemistrySelect</i> , 2017, 2, 8701-8705.	0.7	6
33	Aldol Reactions by Lipase From <i>Rhizopus niveus</i> , an Example of Unspecific Protein Catalysis. <i>Catalysis Letters</i> , 2017, 147, 1977-1987.	1.4	11
34	Synthesis and characterization of acetylated amylose and development of inclusion complexes with rifampicin. <i>Carbohydrate Polymers</i> , 2017, 157, 267-274.	5.1	23
35	Silk Fibroin Functionalized with CuSO ₄ on Knoevenagel Condensation Under Microwave Radiation. <i>Current Microwave Chemistry</i> , 2017, 4, 131-138.	0.2	3
36	Sandwich-Type Enzymatic Fuel Cell Based on a New Electro-Conductive Material - Ion Jelly. <i>ChemistrySelect</i> , 2016, 1, 6546-6552.	0.7	8

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37	Novel polyol-responsive monoclonal antibodies against extracellular β -D-glucans from <i>Pleurotus ostreatus</i> . <i>Biotechnology Progress</i> , 2016, 32, 116-125.	1.3	3
38	Generation of high-affinity monoclonal antibodies of IgG class against native β -D-glucans from basidiomycete mushrooms. <i>Process Biochemistry</i> , 2016, 51, 333-342.	1.8	2
39	Synthesis and biocatalytic ene-reduction of Knoevenagel condensation compounds by the marine-derived fungus <i>Penicillium citrinum</i> CBMAI 1186. <i>Tetrahedron</i> , 2016, 72, 7317-7322.	1.0	26
40	A novel colorimetric assay of β -D-glucans in basidiomycete strains by alcian blue dye in a 96-well microtiter plate. <i>Biotechnology Progress</i> , 2015, 31, 1526-1535.	1.3	6
41	Oxygen availability effect on the performance of air-breathing cathode microbial fuel cell. <i>Biotechnology Progress</i> , 2015, 31, 900-907.	1.3	33
42	Low-temperature enzymatic hydrolysis resolution in mini-emulsion media. <i>Chemical Papers</i> , 2015, 69, .	1.0	4
43	Optimization of miniemulsion process using different solvents. , 2015, , .		0
44	Preparation and characterization of amylose-pyrazinamide inclusion complexes. , 2015, , .		0
45	In Situ Near-Infrared (NIR) versus High-Throughput Mid-Infrared (MIR) Spectroscopy to Monitor Biopharmaceutical Production. <i>Applied Spectroscopy</i> , 2015, 69, 760-772.	1.2	30
46	A high throughput colorimetric assay of β -1,3-d-glucans by Congo red dye. <i>Journal of Microbiological Methods</i> , 2015, 109, 140-148.	0.7	53
47	Nucleic-Acid Testing, New Platforms and Nanotechnology for Point-of-Decision Diagnosis of Animal Pathogens. <i>Methods in Molecular Biology</i> , 2015, 1247, 253-283.	0.4	9
48	Kinetic model for the esterification of ethyl caproate for reaction optimization. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2014, 101, 16-22.	1.8	9
49	Synthesis of choline sulfonate buffers and their effect on cytochrome c dissolution and oxidation state. <i>RSC Advances</i> , 2014, 4, 15597-15601.	1.7	9
50	A novel fed-batch based strategy for enhancing cell-density and recombinant cyprosin B production in bioreactors. <i>Bioprocess and Biosystems Engineering</i> , 2014, 37, 2515-2527.	1.7	5
51	Towards regioselective enzymatic hydrolysis and glycerolysis of tricaprolylin in miniemulsion and the direct preparation of polyurethane from the hydrolysis products. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2013, 98, 127-137.	1.8	9
52	Swelling behavior of gelatin-ionic liquid functional polymers. <i>Journal of Polymer Science, Part B: Polymer Physics</i> , 2013, 51, 817-825.	2.4	11
53	Nanotechnology for the Diagnosis of Parasitic Infections. , 2013, , 209-219.		1
54	Spintronic platforms for biomedical applications. <i>Lab on A Chip</i> , 2012, 12, 546-557.	3.1	112

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55	Galacto-oligosaccharides Synthesis from Lactose and Whey by Î²-Galactosidase Immobilized in PVA. Applied Biochemistry and Biotechnology, 2012, 168, 1197-1211.	1.4	41
56	Waterborne Pathogen Detection Using a Magneto-resistive Immuno-Chip. Springer Protocols, 2012, , 263-288.	0.1	5
57	OPTIMIZATION OF FLAVOR ESTERS SYNTHESIS BY FUSARIUM SOLANI PISI CUTINASE. Journal of Food Biochemistry, 2012, 36, 275-284.	1.2	42
58	Microreactors and microdevices for analytical and biosensors applications. , 2011, , .		0
59	Synthetic application and activity of cutinase in an aqueous, miniemulsion model system: Hexyl octanoate synthesis. Catalysis Today, 2011, 173, 95-102.	2.2	27
60	Use of chemometrics in the selection of a Saccharomyces cerevisiae expression system for recombinant cyprosin B production. Biotechnology Letters, 2011, 33, 2111-2119.	1.1	10
61	Optimization in the immobilization of penicillin G acylase by entrapment in xerogel particles with magnetic properties. Journal of Sol-Gel Science and Technology, 2011, 58, 545-556.	1.1	22
62	From Inulin to Fructose Syrups Using Sol-Gel Immobilized Inulinase. Applied Biochemistry and Biotechnology, 2011, 165, 1-12.	1.4	27
63	An assessment of the ultrasonic probe-based enhancement of protein cleavage with immobilized trypsin. Proteomics, 2011, 11, 3866-3876.	1.3	16
64	Effect of gelatin-based ionic liquid functional polymers on glucose oxidase and horseradish peroxidase kinetics. Reactive and Functional Polymers, 2011, 71, 489-495.	2.0	29
65	Evaluation of Ion Jelly biopolymer on glucose biosensing. , 2011, , .		1
66	Spintronic microfluidic platform for biomedical and environmental applications. Proceedings of SPIE, 2010, , .	0.8	1
67	Picomolar Detection Limit on a Magneto-resistive Biochip After Optimization of a Thiol-Gold Based Surface Chemistry. Journal of Nanoscience and Nanotechnology, 2010, 10, 5994-6002.	0.9	9
68	Comparative study between probe focussed sonication and conventional stirring in the evaluation of cadmium and copper in plants. Analytical and Bioanalytical Chemistry, 2010, 398, 2315-2324.	1.9	10
69	Optimization of the culture medium composition using response surface methodology for new recombinant cyprosin B production in bioreactor for cheese production. European Food Research and Technology, 2010, 231, 339-346.	1.6	21
70	Quantitation of non-amplified genomic DNA by bead-based hybridization and template mediated extension coupled to alkaline phosphatase signal amplification. Biotechnology Letters, 2010, 32, 229-234.	1.1	5
71	Kinetic cutinase-catalyzed esterification of caproic acid in organic solvent system. Journal of Molecular Catalysis B: Enzymatic, 2010, 66, 285-293.	1.8	17
72	Miniemulsion as efficient system for enzymatic synthesis of acid alkyl esters. Biotechnology and Bioengineering, 2010, 106, 507-515.	1.7	28

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73	Improved specific productivity in cephalixin synthesis by immobilized PGA in silica magnetic microâ€particles. <i>Biotechnology and Bioengineering</i> , 2010, 107, 753-762.	1.7	11
74	Operational stability of cutinase in organic solvent system: model esterification of alkyl esters. <i>Journal of Chemical Technology and Biotechnology</i> , 2010, 85, 1553-1560.	1.6	7
75	Challenges and trends in the development of a magnetoresistive biochip portable platform. <i>Journal of Magnetism and Magnetic Materials</i> , 2010, 322, 1655-1663.	1.0	55
76	Ultrasonic assisted enzymatic digestion (USAED) coupled with high performance liquid chromatography and electrothermal atomic absorption spectrometry as a powerful tool for total selenium and selenium species control in Se-enriched food supplements. <i>Food Chemistry</i> , 2010, 121, 268-274.	4.2	31
77	Patterned functionalization layer for sub-1/4L DNA solid-phase immobilization and hybridization. <i>Sensors and Actuators B: Chemical</i> , 2010, 149, 432-438.	4.0	2
78	Optimization of DNA Hybridization on Aminopropyl-Controlled Pore-Glass Particles: Detection of Non-Labeled Targets by PicoGreen Staining. <i>Analytical Letters</i> , 2010, 43, 2694-2704.	1.0	1
79	Biosensors as rapid diagnostic tests for tropical diseases. <i>Critical Reviews in Clinical Laboratory Sciences</i> , 2010, 47, 139-169.	2.7	42
80	Biosynthesis of ethyl caproate and other short ethyl esters catalyzed by cutinase in organic solvent. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2009, 60, 178-185.	1.8	41
81	Recovery and partial purification of penicillin G acylase from <i>E. coli</i> homogenate and <i>B. megaterium</i> culture medium using an expanded bed adsorption column. <i>Biochemical Engineering Journal</i> , 2009, 44, 111-118.	1.8	17
82	Biosynthesis of fatty acids alkyl esters in miniemulsion as a reaction media. <i>New Biotechnology</i> , 2009, 25, S116.	2.4	1
83	Magnetoresistive biochip-based portable platforms for biomolecular recognition detection. <i>New Biotechnology</i> , 2009, 25, S358-S359.	2.4	0
84	The role of probeâ€probe interactions on the hybridization of double-stranded DNA targets onto DNA-modified magnetic microparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 1711-1716.	1.9	8
85	Femtomolar limit of detection with a magnetoresistive biochip. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2690-2695.	5.3	107
86	Application of central composite design for DNA hybridization onto magnetic microparticles. <i>Analytical Biochemistry</i> , 2009, 391, 17-23.	1.1	23
87	A new biocatalyst: Penicillin G acylase immobilized in solâ€gel microâ€particles with magnetic properties. <i>Biotechnology Journal</i> , 2009, 4, 695-702.	1.8	12
88	Synthesis of alkyl esters by cutinase in miniemulsion and organic solvent media. <i>Biotechnology Journal</i> , 2009, 4, 674-683.	1.8	22
89	Antibody fragment recognition layers for surface plasmon resonance biosensing: a parametric study. , 2009, , .		0
90	Chemiluminescent bead-based hybridization assay for the detection of genomic DNA from <i>E. coli</i> in purified plasmid samples. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 391, 2179-2187.	1.9	12

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91	Influence of tryptophan tags on the purification of cutinase, secreted by a recombinant <i>Saccharomyces cerevisiae</i> , using cationic expanded bed adsorption and hydrophobic interaction chromatography. <i>Biotechnology Letters</i> , 2008, 30, 1353-1358.	1.1	8
92	Applications of polymers for biomolecule immobilization in electrochemical biosensors. <i>Materials Science and Engineering C</i> , 2008, 28, 1530-1543.	3.8	237
93	Ultrasonic-assisted enzymatic digestion (USAED) for total elemental determination and elemental speciation: A tutorial. <i>Talanta</i> , 2008, 75, 872-884.	2.9	46
94	Trends in DNA biosensors. <i>Talanta</i> , 2008, 77, 606-623.	2.9	353
95	Production and characterization of recombinant cyprosin B in <i>Saccharomyces cerevisiae</i> (W303-1A) strain. <i>Journal of Bioscience and Bioengineering</i> , 2008, 105, 305-312.	1.1	33
96	Integrated Spintronic Platforms for Biomolecular Recognition Detection. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	4
97	A Portrait of State-of-the-Art Research at the Technical University of Lisbon. , 2007, , .		13
98	Enzymatic probe sonication as a tool for solid-liquid extraction for total selenium determination by electrothermal-atomic absorption spectrometry. <i>Talanta</i> , 2007, 74, 198-205.	2.9	24
99	Cutinase-catalyzed biosynthesis of short chain alkyl esters. <i>Journal of Biotechnology</i> , 2007, 131, S109-S110.	1.9	3
100	Nanotechnology and the Detection of Biomolecular Recognition Using Magnetoresistive Transducers. , 2007, , 3-22.		1
101	Prediction of retention time of cutinases tagged with hydrophobic peptides in hydrophobic interaction chromatography. <i>Journal of Chromatography A</i> , 2007, 1154, 460-463.	1.8	12
102	Kinetics of soluble and immobilized horseradish peroxidase-mediated oxidation of phenolic compounds. <i>Biochemical Engineering Journal</i> , 2007, 35, 126-135.	1.8	30
103	Ex situ bioprocess monitoring techniques. <i>Chemical Industry and Chemical Engineering Quarterly</i> , 2007, 13, 103-116.	0.4	15
104	Scalable Magnetoresistive Biochips For Biomolecular recognition. , 2006, , .		0
105	Bienzymatic analytical microreactors for glucose, lactate, ethanol, galactose and l-amino acid monitoring in cell culture media. <i>Analytica Chimica Acta</i> , 2006, 565, 240-249.	2.6	34
106	Horseradish Peroxidase Combined With Oxidase Enzymes a Valuable Bioanalytical Tool: Lactate Oxidase - A Case Study. <i>Engineering in Life Sciences</i> , 2006, 6, 181-186.	2.0	1
107	Kinetic modelling of phenol co-oxidation using horseradish peroxidase. <i>Bioprocess and Biosystems Engineering</i> , 2006, 29, 99-108.	1.7	20
108	Real-time bioprocess monitoring. <i>Sensors and Actuators B: Chemical</i> , 2006, 114, 1083-1091.	4.0	171

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109	A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time. <i>Journal of Chemical Technology and Biotechnology</i> , 2006, 81, 1678-1684.	1.6	3
110	Modification of the activity of an α -amylase from <i>Bacillus licheniformis</i> by several surfactants. <i>Electronic Journal of Biotechnology</i> , 2006, 9, 0-0.	1.2	16
111	Micro-analytical GO/HRP bioreactor for glucose determination and bioprocess monitoring. <i>Biosensors and Bioelectronics</i> , 2005, 20, 1955-1961.	5.3	24
112	Ethanol biosensors based on alcohol oxidase. <i>Biosensors and Bioelectronics</i> , 2005, 21, 235-247.	5.3	213
113	Cutinase?A new tool for biomodification of synthetic fibers. <i>Journal of Polymer Science Part A</i> , 2005, 43, 2448-2450.	2.5	106
114	Spintronic biosensors for gene or micro-organism detection. , 2005, , .		1
115	Magnetoresistive DNA chips. , 2004, , 331-386.		37
116	Thermal and operational stabilities of <i>Hansenula polymorpha</i> alcohol oxidase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 27, 37-45.	1.8	50
117	Operation and performance of analytical packed-bed reactors with an immobilised alcohol oxidase. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 45-53.	1.8	32
118	Assay of H ₂ O ₂ by HRP catalysed co-oxidation of phenol-4-sulphonic acid and 4-aminoantipyrine: characterisation and optimisation. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 129-135.	1.8	54
119	Operational stability of immobilised horseradish peroxidase in mini-packed bed bioreactors. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2004, 28, 121-128.	1.8	41
120	Production of 6-aminopenicillanic acid in aqueous two-phase systems by recombinant <i>Escherichia coli</i> with intracellular penicillin acylase. <i>Biotechnology Letters</i> , 2004, 26, 97-101.	1.1	13
121	Flow injection analysis system for on-line cutinase activity assay. <i>Analytica Chimica Acta</i> , 2004, 502, 115-124.	2.6	11
122	Integration of the production and the purification processes of cutinase secreted by a recombinant <i>Saccharomyces cerevisiae</i> SU50 strain. <i>Journal of Biotechnology</i> , 2004, 109, 147-158.	1.9	29
123	Recombinant <i>Saccharomyces cerevisiae</i> strain triggers acetate production to fuel biosynthetic pathways. <i>Journal of Biotechnology</i> , 2004, 109, 159-167.	1.9	15
124	Horseradish Peroxidase Immobilized Through Its Carboxylic Groups onto a Polyacrylonitrile Membrane: Comparison of Enzyme Performances with Inorganic Beaded Supports. <i>Applied Biochemistry and Biotechnology</i> , 2003, 110, 1-10.	1.4	27
125	Towards a cost effective strategy for cutinase production by a recombinant <i>Saccharomyces cerevisiae</i> : strain physiological aspects. <i>Applied Microbiology and Biotechnology</i> , 2003, 61, 69-76.	1.7	28
126	Development of a Fed-Batch Cultivation Strategy for the Enhanced production and Secretion of Cutinase by a Recombinant <i>Saccharomyces cerevisiae</i> SU50 Strain. <i>Journal of Bioscience and Bioengineering</i> , 2003, 96, 141-148.	1.1	24

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127	Optimisation of penicillin acylase extraction by AOT/isooctane reversed micellar systems. <i>Biochemical Engineering Journal</i> , 2003, 15, 81-86.	1.8	20
128	Integration of production and aqueous two-phase systems extraction of extracellular cutinase fusion proteins. <i>Journal of Biotechnology</i> , 2003, 100, 55-64.	1.9	35
129	Horseradish peroxidase: a valuable tool in biotechnology. <i>Biotechnology Annual Review</i> , 2003, 9, 199-247.	2.1	235
130	Application of surface response analysis to the optimization of penicillin acylase purification in aqueous two-phase systems. <i>Enzyme and Microbial Technology</i> , 2002, 31, 1006-1014.	1.6	43
131	Effect of pre-fermentation on the production of cutinase by a recombinant <i>Saccharomyces cerevisiae</i> . <i>Journal of Bioscience and Bioengineering</i> , 2002, 93, 354-359.	1.1	32
132	Penicillin acylase release from <i>Escherichia coli</i> cells by mechanical cell disruption and permeabilization. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 159-167.	1.6	32
133	Effect of <i>Saccharomyces cerevisiae</i> fermentation conditions on expanded bed adsorption of heterologous cutinase. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 1231-1237.	1.6	16
134	An integrated downstream processing strategy for the recovery and partial purification of penicillin acylase from crude media. <i>Journal of Chemical Technology and Biotechnology</i> , 2002, 77, 1176-1185.	1.6	12
135	Production of wild-type and peptide fusion cutinases by recombinant <i>Saccharomyces cerevisiae</i> MM01 strains. <i>Biotechnology and Bioengineering</i> , 2002, 78, 692-698.	1.7	18
136	Optimisation of culture conditions and characterisation of cutinase produced by recombinant <i>Saccharomyces cerevisiae</i> . <i>Enzyme and Microbial Technology</i> , 2002, 31, 161-170.	1.6	33
137	BEHAVIOUR OF HORSERADISH PEROXIDASE IN AOT REVERSED MICELLES. <i>Biocatalysis and Biotransformation</i> , 2001, 19, 213-233.	1.1	15
138	Title is missing!. <i>Biotechnology Letters</i> , 2001, 23, 771-775.	1.1	27
139	Direct product sequestration of a recombinant cutinase from batch fermentations of <i>Saccharomyces cerevisiae</i> . <i>Bioseparation</i> , 2001, 10, 87-97.	0.7	13
140	Stability of free and immobilised peroxidase in aqueous organic solvents mixtures. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2001, 15, 147-153.	1.8	78
141	The influence of culture conditions on mycelial structure and cellulase production by <i>Trichoderma reesei</i> Rut C-30. <i>Enzyme and Microbial Technology</i> , 2000, 26, 394-401.	1.6	172
142	Kinetic and Stability Studies of Penicillin Acylase in Reversed Micelles. <i>Biocatalysis and Biotransformation</i> , 2000, 17, 401-415.	1.1	8
143	Partial purification of penicillin acylase from <i>Escherichia coli</i> in poly(ethylene glycol) sodium citrate aqueous two-phase systems. <i>Biomedical Applications</i> , 1999, 734, 15-22.	1.7	87
144	Optimization of a pseudo-affinity process for penicillin acylase purification. <i>Bioprocess and Biosystems Engineering</i> , 1999, 20, 513.	0.5	4

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145	Stability and stabilisation of penicillin acylase. , 1999, 74, 1110-1116.		31
146	Preliminary studies on continuous recovery and purification of the penicillin acylase under pseudo-affinity conditions using phenylâ€“Sepharose gel. , 1998, 11, 252-254.		5
147	Variation of penicillin acylase partition coefficient with phase volume ratio in poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	1.7	38
148	Separation and purification of penicillin acylase from Escherichia coli using AOT reverse micelles. Biotechnology Letters, 1995, 9, 265-270.	0.5	6
149	Assay of penicillin acylase in organic media. Biotechnology Letters, 1995, 9, 729-730.	0.5	4
150	Improvement in the polyethylene glycol-cibacron blue purification method. Journal of Chromatography A, 1994, 668, 61-64.	1.8	0
151	Immobilization studies of an industrial penicillin acylase preparation on a silica carrier. Journal of Chemical Technology and Biotechnology, 1993, 58, 27-37.	1.6	48