LuÃ-s J P Da Fonseca

List of Publications by Year
in descending order

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	Trends in DNA biosensors. Talanta, 2008, 77, 606-623.	2.9	353
2	Applications of polymers for biomolecule immobilization in electrochemical biosensors. Materials Science and Engineering C, 2008, 28, 1530-1543.	3.8	237
3	Horseradish peroxidase: a valuable tool in biotechnology. Biotechnology Annual Review, 2003, 9, 199-247.	2.1	235
4	Ethanol biosensors based on alcohol oxidase. Biosensors and Bioelectronics, 2005, 21, 235-247.	5.3	213
5	Antibiotic Discovery: Where Have We Come from, Where Do We Go?. Antibiotics, 2019, 8, 45.	1.5	184
6	The influence of culture conditions on mycelial structure and cellulase production by Trichoderma reesei Rut C-30. Enzyme and Microbial Technology, 2000, 26, 394-401.	1.6	172
7	Real-time bioprocess monitoring. Sensors and Actuators B: Chemical, 2006, 114, 1083-1091.	4.0	171
8	Spintronic platforms for biomedical applications. Lab on A Chip, 2012, 12, 546-557.	3.1	112
9	Femtomolar limit of detection with a magnetoresistive biochip. Biosensors and Bioelectronics, 2009, 24, 2690-2695.	5.3	107
10	Cutinase?A new tool for biomodification of synthetic fibers. Journal of Polymer Science Part A, 2005, 43, 2448-2450.	2.5	106
11	Partial purification of penicillin acylase from Escherichia coli in poly(ethylene glycol)â€“sodium citrate aqueous two-phase systems. Biomedical Applications, 1999, 734, 15-22.	1.7	87
12	Stability of free and immobilised peroxidase in aqueousâ€“organic solvents mixtures. Journal of Molecular Catalysis B: Enzymatic, 2001, 15, 147-153.	1.8	78
13	Design of multifunctional nanostructured lipid carriers enriched with Î±-tocopherol using vegetable oils. Industrial Crops and Products, 2018, 118, 149-159.	2.5	61
14	Challenges and trends in the development of a magnetoresistive biochip portable platform. Journal of Magnetism and Magnetic Materials, 2010, 322, 1655-1663.	1.0	55
15	Assay of H2O2 by HRP catalysed co-oxidation of phenol-4-sulphonic acid and 4-aminoantipyrine: characterisation and optimisation. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 129-135.	1.8	54
16	A high throughput colorimetric assay of Î²-1,3-d-glucans by Congo red dye. Journal of Microbiological Methods, 2015, 109, 140-148.	0.7	53
17	Thermal and operational stabilities of Hansenula polymorpha alcohol oxidase. Journal of Molecular Catalysis B: Enzymatic, 2004, 27, 37-45.	1.8	50
18	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

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19	Ultrasonic-assisted enzymatic digestion (USAED) for total elemental determination and elemental speciation: A tutorial. Talanta, 2008, 75, 872-884.	2.9	46
20	Application of surface response analysis to the optimization of penicillin acylase purification in aqueous two-phase systems. Enzyme and Microbial Technology, 2002, 31, 1006-1014.	1.6	43
21	Biosensors as rapid diagnostic tests for tropical diseases. Critical Reviews in Clinical Laboratory Sciences, 2010, 47, 139-169.	2.7	42
22	OPTIMIZATION OF FLAVOR ESTERS SYNTHESIS BY FUSARIUM SOLANI PISI CUTINASE. Journal of Food Biochemistry, 2012, 36, 275-284.	1.2	42
23	Operational stability of immobilised horseradish peroxidase in mini-packed bed bioreactors. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 121-128.	1.8	41
24	Biosynthesis of ethyl caproate and other short ethyl esters catalyzed by cutinase in organic solvent. Journal of Molecular Catalysis B: Enzymatic, 2009, 60, 178-185.	1.8	41
25	Galacto-oligosaccharides Synthesis from Lactose and Whey by Î²-Galactosidase Immobilized in PVA. Applied Biochemistry and Biotechnology, 2012, 168, 1197-1211.	1.4	41
26	Variation of penicillin acylase partition coefficient with phase volume ratio in poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 T	1.7	38
27	Magnetoresistive DNA chips. , 2004, , 331-386.		37
28	Integration of production and aqueous two-phase systems extraction of extracellular cutinase fusion proteins. Journal of Biotechnology, 2003, 100, 55-64.	1.9	35
29	Bienzymatic analytical microreactors for glucose, lactate, ethanol, galactose and l-amino acid monitoring in cell culture media. Analytica Chimica Acta, 2006, 565, 240-249.	2.6	34
30	Optimisation of culture conditions and characterisation of cutinase produced by recombinant Saccharomyces cerevisiae. Enzyme and Microbial Technology, 2002, 31, 161-170.	1.6	33
31	Production and characterization of recombinant cyprosin B in Saccharomyces cerevisiae (W303-1A) strain. Journal of Bioscience and Bioengineering, 2008, 105, 305-312.	1.1	33
32	Oxygen availability effect on the performance of airâ€breathing cathode microbial fuel cell. Biotechnology Progress, 2015, 31, 900-907.	1.3	33
33	Effect of pre-fermentation on the production of cutinase by a recombinant Saccharomyces cerevisiae. Journal of Bioscience and Bioengineering, 2002, 93, 354-359.	1.1	32
34	Penicillin acylase release fromEscherichia coli cells by mechanical cell disruption and permeabilization. Journal of Chemical Technology and Biotechnology, 2002, 77, 159-167.	1.6	32
35	Operation and performance of analytical packed-bed reactors with an immobilised alcohol oxidase. Journal of Molecular Catalysis B: Enzymatic, 2004, 28, 45-53.	1.8	32
36	Stability and stabilisation of penicillin acylase. , 1999, 74, 1110-1116.		31

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37	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. Food Chemistry, 2010, 121, 268-274.	4.2	31
38	Kinetics of soluble and immobilized horseradish peroxidase-mediated oxidation of phenolic compounds. Biochemical Engineering Journal, 2007, 35, 126-135.	1.8	30
39	In Situ Near-Infrared (NIR) versus High-Throughput Mid-Infrared (MIR) Spectroscopy to Monitor Biopharmaceutical Production. Applied Spectroscopy, 2015, 69, 760-772.	1.2	30
40	Integration of the production and the purification processes of cutinase secreted by a recombinant Saccharomyces cerevisiae SU50 strain. Journal of Biotechnology, 2004, 109, 147-158.	1.9	29
41	Effect of gelatinâ€“ionic liquid functional polymers on glucose oxidase and horseradish peroxidase kinetics. Reactive and Functional Polymers, 2011, 71, 489-495.	2.0	29
42	Optimization of nanostructured lipid carriers loaded with retinoids by central composite design. Journal of Molecular Liquids, 2019, 293, 111468.	2.3	29
43	Towards a cost effective strategy for cutinase production by a recombinant Saccharomyces cerevisiae: strain physiological aspects. Applied Microbiology and Biotechnology, 2003, 61, 69-76.	1.7	28
44	Miniemulsion as efficient system for enzymatic synthesis of acid alkyl esters. Biotechnology and Bioengineering, 2010, 106, 507-515.	1.7	28
45	Title is missing!. Biotechnology Letters, 2001, 23, 771-775.	1.1	27
46	Horseradish Peroxidase Immobilized Through Its Carboxylic Groups onto a Polyacrylonitrile Membrane: Comparison of Enzyme Performances with Inorganic Beaded Supports. Applied Biochemistry and Biotechnology, 2003, 110, 1-10.	1.4	27
47	Synthetic application and activity of cutinase in an aqueous, miniemulsion model system: Hexyl octanoate synthesis. Catalysis Today, 2011, 173, 95-102.	2.2	27
48	From Inulin to Fructose Syrups Using Solâ€“Gel Immobilized Inulinase. Applied Biochemistry and Biotechnology, 2011, 165, 1-12.	1.4	27
49	Hydrolysis of cellulose from sugarcane bagasse by cellulases from marine-derived fungi strains. International Biodeterioration and Biodegradation, 2017, 121, 66-78.	1.9	27
50	Synthesis and biocatalytic ene-reduction of Knoevenagel condensation compounds by the marine-derived fungus Penicillium citrinum CBMAI 1186. Tetrahedron, 2016, 72, 7317-7322.	1.0	26
51	Development of a Fed-Batch Cultivation Strategy for the Enhanced production and Secretion of Cutinase by a Recombinant Saccharomyces cerevisiae SU50 Strain. Journal of Bioscience and Bioengineering, 2003, 96, 141-148.	1.1	24
52	Micro-analytical GO/HRP bioreactor for glucose determination and bioprocess monitoring. Biosensors and Bioelectronics, 2005, 20, 1955-1961.	5.3	24
53	Enzymatic probe sonication as a tool for solidâ€“liquid extraction for total selenium determination by electrothermal-atomic absorption spectrometry. Talanta, 2007, 74, 198-205.	2.9	24
54	Application of central composite design for DNA hybridization onto magnetic microparticles. Analytical Biochemistry, 2009, 391, 17-23.	1.1	23

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55	Synthesis and characterization of acetylated amylose and development of inclusion complexes with rifampicin. Carbohydrate Polymers, 2017, 157, 267-274.	5.1	23
56	Fed-Batch Production of Saccharomyces cerevisiae L-Asparaginase II by Recombinant Pichia pastoris MUTs Strain. Frontiers in Bioengineering and Biotechnology, 2019, 7, 16.	2.0	23
57	Synthesis of alkyl esters by cutinase in miniemulsion and organic solvent media. Biotechnology Journal, 2009, 4, 674-683.	1.8	22
58	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
59	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
60	Characterization of gastric cells infection by diverse Helicobacter pylori strains through Fourier-transform infrared spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2019, 210, 193-202.	2.0	21
61	Optimisation of penicillin acylase extraction by AOT/isooctane reversed micellar systems. Biochemical Engineering Journal, 2003, 15, 81-86.	1.8	20
62	Kinetic modelling of phenol co-oxidation using horseradish peroxidase. Bioprocess and Biosystems Engineering, 2006, 29, 99-108.	1.7	20
63	Simultaneous elucidation of antibiotic mechanism of action and potency with high-throughput Fourier-transform infrared (FTIR) spectroscopy and machine learning. Applied Microbiology and Biotechnology, 2021, 105, 1269-1286.	1.7	19
64	Production of wild-type and peptide fusion cutinases by recombinantSaccharomyces cerevisiae MM01 strains. Biotechnology and Bioengineering, 2002, 78, 692-698.	1.7	18
65	Recovery and partial purification of penicillin G acylase from E. coli homogenate and B. megaterium culture medium using an expanded bed adsorption column. Biochemical Engineering Journal, 2009, 44, 111-118.	1.8	17
66	Kinetic cutinase-catalyzed esterification of caproic acid in organic solvent system. Journal of Molecular Catalysis B: Enzymatic, 2010, 66, 285-293.	1.8	17
67	Metabolic Fingerprinting with Fourier-Transform Infrared (FTIR) Spectroscopy: Towards a High-Throughput Screening Assay for Antibiotic Discovery and Mechanism-of-Action Elucidation. Metabolites, 2020, 10, 145.	1.3	17
68	Effect ofSaccharomyces cerevisiaefermentation conditions on expanded bed adsorption of heterologous cutinase. Journal of Chemical Technology and Biotechnology, 2002, 77, 1231-1237.	1.6	16
69	An assessment of the ultrasonic probeâ€based enhancement of protein cleavage with immobilized trypsin. Proteomics, 2011, 11, 3866-3876.	1.3	16
70	Modification of the activity of an a-amylase from Bacillus licheniformis by several surfactants. Electronic Journal of Biotechnology, 2006, 9, 0-0.	1.2	16
71	BEHAVIOUR OF HORSERADISH PEROXIDASE IN AOT REVERSED MICELLES. Biocatalysis and Biotransformation, 2001, 19, 213-233.	1.1	15
72	Recombinant Saccharomyces cerevisiae strain triggers acetate production to fuel biosynthetic pathways. Journal of Biotechnology, 2004, 109, 159-167.	1.9	15

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73	Ex situ bioprocess monitoring techniques. Chemical Industry and Chemical Engineering Quarterly, 2007, 13, 103-116.	0.4	15
74	Direct product sequestration of a recombinant cutinase from batch fermentations of Saccharomyces cerevisiae. Bioseparation, 2001, 10, 87-97.	0.7	13
75	Production of 6-aminopenicillanic acid in aqueous two-phase systems by recombinant Escherichia coli with intracellular penicillin acylase. Biotechnology Letters, 2004, 26, 97-101.	1.1	13
76	A Portrait of State-of-the-Art Research at the Technical University of Lisbon. , 2007, , .		13
77	An integrated downstream processing strategy for the recovery and partial purification of penicillin acylase from crude media. Journal of Chemical Technology and Biotechnology, 2002, 77, 1176-1185.	1.6	12
78	Prediction of retention time of cutinases tagged with hydrophobic peptides in hydrophobic interaction chromatography. Journal of Chromatography A, 2007, 1154, 460-463.	1.8	12
79	Chemiluminescent bead-based hybridization assay for the detection of genomic DNA from E. coli in purified plasmid samples. Analytical and Bioanalytical Chemistry, 2008, 391, 2179-2187.	1.9	12
80	A new biocatalyst: Penicillin G acylase immobilized in solâ€gel microâ€particles with magnetic properties. Biotechnology Journal, 2009, 4, 695-702.	1.8	12
81	Flow injection analysis system for on-line cutinase activity assay. Analytica Chimica Acta, 2004, 502, 115-124.	2.6	11
82	Improved specific productivity in cephalexin synthesis by immobilized PGA in silica magnetic microâ€particles. Biotechnology and Bioengineering, 2010, 107, 753-762.	1.7	11
83	Swelling behavior of gelatinâ€ionic liquid functional polymers. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 817-825.	2.4	11
84	Aldol Reactions by Lipase From Rhizopus niveus, an Example of Unspecific Protein Catalysis. Catalysis Letters, 2017, 147, 1977-1987.	1.4	11
85	Knoevenagel Condensation Reactions of Cyano Malononitrile-Derivatives Under Microwave Radiation. Current Organic Chemistry, 2018, 22, 519-532.	0.9	11
86	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
87	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
88	Bioelectricity generation using long-term operated biocathode: RFLP based microbial diversity analysis. Biotechnology Reports (Amsterdam, Netherlands), 2021, 32, e00693.	2.1	10
89	Picomolar Detection Limit on a Magnetoresistive Biochip After Optimization of a Thiol-Gold Based Surface Chemistry. Journal of Nanoscience and Nanotechnology, 2010, 10, 5994-6002.	0.9	9
90	Towards regioselective enzymatic hydrolysis and glycerolysis of tricaprylin in miniemulsion and the direct preparation of polyurethane from the hydrolysis products. Journal of Molecular Catalysis B: Enzymatic, 2013, 98, 127-137.	1.8	9

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91	Kinetic model for the esterification of ethyl caproate for reaction optimization. Journal of Molecular Catalysis B: Enzymatic, 2014, 101, 16-22.	1.8	9
92	Synthesis of choline sulfonate buffers and their effect on cytochrome c dissolution and oxidation state. RSC Advances, 2014, 4, 15597-15601.	1.7	9
93	A phenotypic screening bioassay forEscherichia colistress and antibiotic responses based on Fourierâ€transform infrared (FTIR) spectroscopy and multivariate analysis. Journal of Applied Microbiology, 2019, 127, 1776-1789.	1.4	9
94	Nucleic-Acid Testing, New Platforms and Nanotechnology for Point-of-Decision Diagnosis of Animal Pathogens. Methods in Molecular Biology, 2015, 1247, 253-283.	0.4	9
95	Kinetic and Stability Studies of Penicillin Acylase in Reversed Micelles. Biocatalysis and Biotransformation, 2000, 17, 401-415.	1.1	8
96	Influence of tryptophan tags on the purification of cutinase, secreted by a recombinant Saccharomyces cerevisiae, using cationic expanded bed adsorption and hydrophobic interaction chromatography. Biotechnology Letters, 2008, 30, 1353-1358.	1.1	8
97	The role of probeâ€“probe interactions on the hybridization of double-stranded DNA targets onto DNA-modified magnetic microparticles. Analytical and Bioanalytical Chemistry, 2009, 394, 1711-1716.	1.9	8
98	Sandwich-Type Enzymatic Fuel Cell Based on a New Electro-Conductive Material - Ion Jelly. ChemistrySelect, 2016, 1, 6546-6552.	0.7	8
99	Stability of lipases in miniemulsion systems: Correlation between secondary structure and activity. Enzyme and Microbial Technology, 2018, 114, 7-14.	1.6	8
100	Technologies for High-Throughput Identification of Antibiotic Mechanism of Action. Antibiotics, 2021, 10, 565.	1.5	8
101	Operational stability of cutinase in organic solvent system: model esterification of alkyl esters. Journal of Chemical Technology and Biotechnology, 2010, 85, 1553-1560.	1.6	7
102	Topical distribution and efficiency of nanostructured lipid carriers on a 3D reconstructed human epidermis model. Journal of Drug Delivery Science and Technology, 2020, 57, 101616.	1.4	7
103	Immobilization of Amano AK Lipase from Pseudomonas fluorescens on Novel Silk Microfiber using OxoneÂ®: Parameter Optimization for Enzymatic Assays and use in Esterification of Residual Palm Oil. Current Catalysis, 2021, 10, 119-129.	0.5	7
104	Separation and purification of penicillin acylase from Escherichia coli using AOT reverse micelles. Biotechnology Letters, 1995, 9, 265-270.	0.5	6
105	A novel colorimetric assay of Î²â€<scp>D</scp>â€glucans in basidiomycete strains by alcian blue dye in a 96â€well microtiter plate. Biotechnology Progress, 2015, 31, 1526-1535.	1.3	6
106	Comparative Electrochemical Behavior of Cytochrome c on Aqueous Solutions Containing Cholineâ€Based Room Temperature Ionic Liquids. ChemistrySelect, 2017, 2, 8701-8705.	0.7	6
107	Miniemulsion in biocatalysis, a new approach employing a solid reagent and an easy protocol for product isolation applied to the aldol reaction by Rhizopus niveus lipase. Bioresource Technology, 2020, 297, 122441.	4.8	6
108	Preliminary studies on continuous recovery and purification of the penicillin acylase under pseudo-affinity conditions using phenylâ€“Sepharose gel. , 1998, 11, 252-254.		5

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109	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
110	Waterborne Pathogen Detection Using a Magnetoresistive Immuno-Chip. Springer Protocols, 2012, , 263-288.	0.1	5
111	A novel fed-batch based strategy for enhancing cell-density and recombinant cyprosin B production in bioreactors. Bioprocess and Biosystems Engineering, 2014, 37, 2515-2527.	1.7	5
112	Improvement of enzyme stability for alkyl esters synthesis in miniemulsion systems by using media engineering. Journal of Chemical Technology and Biotechnology, 2018, 93, 1338-1346.	1.6	5
113	Biodegradable Polyester Synthesis in Renewed Aqueous Polycondensation Media: The Core of the New Greener Polymer-5B Technology. Processes, 2021, 9, 365.	1.3	5
114	In Situ Electrochemical Characterization of a Microbial Fuel Cell Biocathode Running on Wastewater. Catalysts, 2021, 11, 839.	1.6	5
115	Assay of penicillin acylase in organic media. Biotechnology Letters, 1995, 9, 729-730.	0.5	4
116	Optimization of a pseudo-affinity process for penicillin acylase purification. Bioprocess and Biosystems Engineering, 1999, 20, 513.	0.5	4
117	Integrated Spintronic Platforms for Biomolecular Recognition Detection. AIP Conference Proceedings, 2008, , .	0.3	4
118	Low-temperature enzymatic hydrolysis resolution in mini-emulsion media. Chemical Papers, 2015, 69, .	1.0	4
119	Fast identification of offâ€target liabilities in early antibiotic discovery with Fourierâ€transform infrared spectroscopy. Biotechnology and Bioengineering, 2021, 118, 4465-4476.	1.7	4
120	A flow injection analysis system for on-line monitoring of cutinase activity at outlet of an expanded bed adsorption column almost in real time. Journal of Chemical Technology and Biotechnology, 2006, 81, 1678-1684.	1.6	3
121	Cutinase-catalyzed biosynthesis of short chain alkyl esters. Journal of Biotechnology, 2007, 131, S109-S110.	1.9	3
122	Novel polyol-responsive monoclonal antibodies against extracellularÎ²-d-glucans fromPleurotus ostreatus. Biotechnology Progress, 2016, 32, 116-125.	1.3	3
123	Silk Fibroin Functionalized with CuSO4 on Knoevenagel Condensation Under Microwave Radiation. Current Microwave Chemistry, 2017, 4, 131-138.	0.2	3
124	Patterned functionalization layer for sub-Î¼L DNA solid-phase immobilization and hybridization. Sensors and Actuators B: Chemical, 2010, 149, 432-438.	4.0	2
125	Generation of high-affinity monoclonal antibodies of IgG class against native Î²-d-glucans from basidiomycete mushrooms. Process Biochemistry, 2016, 51, 333-342.	1.8	2
126	High-throughput bioassay for mechanism of action determination of antibacterial drugs. , 2017, , .		2

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127	Enzymatic Poly(octamethylene suberate) Synthesis by a Two-Step Polymerization Method Based on the New Greener Polymer-5B Technology. Processes, 2022, 10, 221.	1.3	2
128	LipNanoCar Technology â€“ A Versatile and Scalable Technology for the Production of Lipid Nanoparticles. Advances in Experimental Medicine and Biology, 2022, 1357, 43-82.	0.8	2
129	Spintronic biosensors for gene or micro-organism detection. , 2005, , .		1
130	Horseradish Peroxidase Combined With Oxidase Enzymes a Valuable Bioanalytical Tool: Lactate Oxidase â€“ A Case Study. Engineering in Life Sciences, 2006, 6, 181-186.	2.0	1
131	Nanotechnology and the Detection of Biomolecular Recognition Using Magnetoresistive Transducers. , 2007, , 3-22.		1
132	Biosynthesis of fatty acids alkyl esters in miniemulsion as a reaction media. New Biotechnology, 2009, 25, S116.	2.4	1
133	Spintronic microfluidic platform for biomedical and environmental applications. Proceedings of SPIE, 2010, , .	0.8	1
134	Optimization of DNA Hybridization on Aminopropyl-Controlled Pore-Glass Particles: Detection of Non-Labeled Targets by PicoGreen Staining. Analytical Letters, 2010, 43, 2694-2704.	1.0	1
135	Evaluation of Ion Jelly biopolymer on glucose biosensing. , 2011, , .		1
136	Optimization of a bioassay to evaluate Escherichia coli stress responses. , 2017, , .		1
137	Stability assay of Candida rugosa lipase in miniemulsion system to synthesis of biodegradable polymers. , 2017, , .		1
138	Fourier-Transform Mid-Infrared (FT-MIR) Spectroscopy in Biomedicine. , 2020, , 1-39.		1
139	Nanotechnology for the Diagnosis of Parasitic Infections. , 2013, , 209-219.		1
140	Electrode Kinetics of Ion Jelly and Ion Sol-Gel Redox Materials on Screen-Printed Electrodes. Applied Sciences (Switzerland), 2022, 12, 2087.	1.3	1
141	Dermal Delivery of Lipid Nanoparticles: Effects on Skin and Assessment of Absorption and Safety. Advances in Experimental Medicine and Biology, 2022, 1357, 83-114.	0.8	1
142	Improvement in the polyethylene glycol-cibacron blue purification method. Journal of Chromatography A, 1994, 668, 61-64.	1.8	0
143	Scalable Magnetoresistive Biochips For Biomolecular recognition. , 2006, , .		0
144	Magnetoresistive biochip-based portable platforms for biomolecular recognition detection. New Biotechnology, 2009, 25, S358-S359.	2.4	0

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145	Antibody fragment recognition layers for surface plasmon resonance biosensing: a parametric study. , 2009, , .		0
146	Microreactors and microdevices for analytical and biosensors applications. , 2011, , .		0
147	Optimization of miniemulsion process using different solvents. , 2015, , .		0
148	Preparation and characterization of amylose-pyrazinamide inclusion complexes. , 2015, , .		0
149	Towards an automated statistical workflow for biomarker screening in Fourier-transform infrared spectroscopy. , 2019, , .		0
150	Optimization of production medium for expression and secretion of a heterologous cutinase by a recombinant Escherichia coli strain. , 2019, , .		0
151	Enzymatic Production of Bioactive Peptides from Whey Proteins: Their Active Role and Potential Health Benefits. , 2021, , 473-506.		0