Lus J P Da Fonseca

List of Publications by Citations

141 papers	3,554 citations	30 h-index	54 g-index
160 ext. papers	3,891 ext. citations	4.2 avg, IF	5.4 L-index

#	Paper	IF	Citations
141	Trends in DNA biosensors. *Talanta*, **2008**, 77, 606-623	6.2	301
140	Horseradish peroxidase: a valuable tool in biotechnology. *Biotechnology Annual Review*, **2003**, 9, 199-247		202
139	Applications of polymers for biomolecule immobilization in electrochemical biosensors. *Materials Science and Engineering C*, **2008**, 28, 1530-1543	8.3	198
138	Ethanol biosensors based on alcohol oxidase. *Biosensors and Bioelectronics*, **2005**, 21, 235-47	11.8	187
137	Real-time bioprocess monitoring: Part I: In situ sensors. *Sensors and Actuators B: Chemical*, **2006**, 114, 1083-1091	8.5	150
136	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	3.8	148
135	Femtomolar limit of detection with a magnetoresistive biochip. *Biosensors and Bioelectronics*, **2009**, 24, 2690-5	11.8	99
134	Antibiotic Discovery: Where Have We Come from, Where Do We Go?. *Antibiotics*, **2019**, 8,	4.9	96
133	Spintronic platforms for biomedical applications. *Lab on A Chip*, **2012**, 12, 546-57	7.2	96
132	Cutinase: A new tool for biomodification of synthetic fibers. *Journal of Polymer Science Part A*, **2005**, 43, 2448-2450	2.5	84
131	Partial purification of penicillin acylase from Escherichia coli in poly(ethylene glycol)-sodium citrate aqueous two-phase systems. *Biomedical Applications*, **1999**, 734, 15-22		80
130	Stability of free and immobilised peroxidase in aqueous–organic solvents mixtures. *Journal of Molecular Catalysis B: Enzymatic*, **2001**, 15, 147-153		68
129	Challenges and trends in the development of a magnetoresistive biochip portable platform. *Journal of Magnetism and Magnetic Materials*, **2010**, 322, 1655-1663	2.8	51
128	Thermal and operational stabilities of Hansenula polymorpha alcohol oxidase. *Journal of Molecular Catalysis B: Enzymatic*, **2004**, 27, 37-45		45
127	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		45
126	Design of multifunctional nanostructured lipid carriers enriched with α-tocopherol using vegetable oils. *Industrial Crops and Products*, **2018**, 118, 149-159	5.9	41
125	Ultrasonic-assisted enzymatic digestion (USAED) for total elemental determination and elemental speciation: a tutorial. *Talanta*, **2008**, 75, 872-84	6.2	40

124	Operational stability of immobilised horseradish peroxidase in mini-packed bed bioreactors. *Journal of Molecular Catalysis B: Enzymatic*, **2004**, 28, 121-128		40
123	Immobilization studies of an industrial penicillin acylase preparation on a silica carrier. *Journal of Chemical Technology and Biotechnology*, **1993**, 58, 27-37	3.5	39
122	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	3.8	39
121	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		38
120	Galacto-oligosaccharides synthesis from lactose and whey by β-galactosidase immobilized in PVA. *Applied Biochemistry and Biotechnology*, **2012**, 168, 1197-211	3.2	35
119	A high throughput colorimetric assay of β1,3-D-glucans by Congo red dye. *Journal of Microbiological Methods*, **2015**, 109, 140-8	2.8	32
118	Biosensors as rapid diagnostic tests for tropical diseases. *Critical Reviews in Clinical Laboratory Sciences*, **2010**, 47, 139-69	9.4	32
117	Variation of penicillin acylase partition coefficient with phase volume ratio in poly(ethylene glycol)-sodium citrate aqueous two-phase systems. *Biomedical Applications*, **1998**, 711, 295-9		32
116	Magnetoresistive DNA chips **2004**, 331-386		32
115	Bienzymatic analytical microreactors for glucose, lactate, ethanol, galactose and l-amino acid monitoring in cell culture media. *Analytica Chimica Acta*, **2006**, 565, 240-249	6.6	31
114	Optimisation of culture conditions and characterisation of cutinase produced by recombinant Saccharomyces cerevisiae. *Enzyme and Microbial Technology*, **2002**, 31, 161-170	3.8	31
113	Integration of production and aqueous two-phase systems extraction of extracellular Fusarium solani pisi cutinase fusion proteins. *Journal of Biotechnology*, **2003**, 100, 55-64	3.7	31
112	OPTIMIZATION OF FLAVOR ESTERS SYNTHESIS BY FUSARIUM SOLANI PISI CUTINASE. *Journal of Food Biochemistry*, **2012**, 36, 275-284	3.3	30
111	Production and characterization of recombinant cyprosin B in Saccharomyces cerevisiae (W303-1A) strain. *Journal of Bioscience and Bioengineering*, **2008**, 105, 305-12	3.3	30
110	Stability and stabilisation of penicillin acylase **1999**, 74, 1110-1116		30
109	Oxygen availability effect on the performance of air-breathing cathode microbial fuel cell. *Biotechnology Progress*, **2015**, 31, 900-7	2.8	28
108	Operation and performance of analytical packed-bed reactors with an immobilised alcohol oxidase. *Journal of Molecular Catalysis B: Enzymatic*, **2004**, 28, 45-53		28
107	Penicillin acylase release from Escherichia coli cells by mechanical cell disruption and permeabilization. *Journal of Chemical Technology and Biotechnology*, **2002**, 77, 159-167	3.5	28

106	From inulin to fructose syrups using sol-gel immobilized inulinase. *Applied Biochemistry and Biotechnology*, **2011**, 165, 1-12	3.2	27
105	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	8.5	26
104	Effect of pre-fermentation on the production of cutinase by a recombinant Saccharomyces cerevisiae. *Journal of Bioscience and Bioengineering*, **2002**, 93, 354-9	3.3	26
103	Towards a cost effective strategy for cutinase production by a recombinant Saccharomyces cerevisiae: strain physiological aspects. *Applied Microbiology and Biotechnology*, **2003**, 61, 69-76	5.7	26
102	Integration of the production and the purification processes of cutinase secreted by a recombinant Saccharomyces cerevisiae SU50 strain. *Journal of Biotechnology*, **2004**, 109, 147-58	3.7	26
101	Effect of gelatin□nic liquid functional polymers on glucose oxidase and horseradish peroxidase kinetics. *Reactive and Functional Polymers*, **2011**, 71, 489-495	4.6	25
100	Miniemulsion as efficient system for enzymatic synthesis of acid alkyl esters. *Biotechnology and Bioengineering*, **2010**, 106, 507-15	4.9	25
99	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	3.2	25
98	Synthetic application and activity of cutinase in an aqueous, miniemulsion model system: Hexyl octanoate synthesis. *Catalysis Today*, **2011**, 173, 95-102	5.3	24
97	Kinetics of soluble and immobilized horseradish peroxidase-mediated oxidation of phenolic compounds. *Biochemical Engineering Journal*, **2007**, 35, 126-135	4.2	24
96	Synthesis of alkyl esters by cutinase in miniemulsion and organic solvent media. *Biotechnology Journal*, **2009**, 4, 674-83	5.6	22
95	Micro-analytical GO/HRP bioreactor for glucose determination and bioprocess monitoring. *Biosensors and Bioelectronics*, **2005**, 20, 1955-61	11.8	22
94	Production of cellulases in batch culture using a mutant strain of Trichoderma reesei growing on soluble carbon source. *Biotechnology Letters*, **2001**, 23, 771-775	3	22
93	Hydrolysis of cellulose from sugarcane bagasse by cellulases from marine-derived fungi strains. *International Biodeterioration and Biodegradation*, **2017**, 121, 66-78	4.8	21
92	Synthesis and biocatalytic ene-reduction of Knoevenagel condensation compounds by the marine-derived fungus Penicillium citrinum CBMAI 1186. *Tetrahedron*, **2016**, 72, 7317-7322	2.4	21
91	In situ near-infrared (NIR) versus high-throughput mid-infrared (MIR) spectroscopy to monitor biopharmaceutical production. *Applied Spectroscopy*, **2015**, 69, 760-72	3.1	21
90	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	2.3	21
89	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	3.3	21

88	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	3.4	20
87	Enzymatic probe sonication as a tool for solid-liquid extraction for total selenium determination by electrothermal-atomic absorption spectrometry. *Talanta*, **2007**, 74, 198-205	6.2	20
86	Kinetic modelling of phenol co-oxidation using horseradish peroxidase. *Bioprocess and Biosystems Engineering*, **2006**, 29, 99-108	3.7	18
85	Optimisation of penicillin acylase extraction by AOT/isooctane reversed micellar systems. *Biochemical Engineering Journal*, **2003**, 15, 81-86	4.2	18
84	Synthesis and characterization of acetylated amylose and development of inclusion complexes with rifampicin. *Carbohydrate Polymers*, **2017**, 157, 267-274	10.3	17
83	Application of central composite design for DNA hybridization onto magnetic microparticles. *Analytical Biochemistry*, **2009**, 391, 17-23	3.1	17
82	Kinetic cutinase-catalyzed esterification of caproic acid in organic solvent system. *Journal of Molecular Catalysis B: Enzymatic*, **2010**, 66, 285-293		17
81	Production of wild-type and peptide fusion cutinases by recombinant Saccharomyces cerevisiae MM01 strains. *Biotechnology and Bioengineering*, **2002**, 78, 692-8	4.9	17
80	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	4.2	16
79	An assessment of the ultrasonic probe-based enhancement of protein cleavage with immobilized trypsin. *Proteomics*, **2011**, 11, 3866-76	4.8	15
78	Effect of Saccharomyces cerevisiae fermentation conditions on expanded bed adsorption of heterologous cutinase. *Journal of Chemical Technology and Biotechnology*, **2002**, 77, 1231-1237	3.5	15
77	BEHAVIOUR OF HORSERADISH PEROXIDASE IN AOT REVERSED MICELLES. *Biocatalysis and Biotransformation*, **2001**, 19, 213-233	2.5	14
76	Modification of the activity of an a-amylase from Bacillus licheniformis by several surfactants. *Electronic Journal of Biotechnology*, **2006**, 9, 0-0	3.1	14
75	Optimization of nanostructured lipid carriers loaded with retinoids by central composite design. *Journal of Molecular Liquids*, **2019**, 293, 111468	6	13
74	Production of 6-aminopenicillanic acid in aqueous two-phase systems by recombinant Escherichia coli with intracellular penicillin acylase. *Biotechnology Letters*, **2004**, 26, 97-101	3	13
73	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	4.4	13
72	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	3.5	12
71	Recombinant Saccharomyces cerevisiae strain triggers acetate production to fuel biosynthetic pathways. *Journal of Biotechnology*, **2004**, 109, 159-67	3.7	12

70	Direct product sequestration of a recombinant cutinase from batch fermentations of Saccharomyces cerevisiae. *Bioseparation*, **2001**, 10, 87-97		12
69	Ex situ bioprocess monitoring techniques. *Chemical Industry and Chemical Engineering Quarterly*, **2007**, 13, 103-116	0.7	12
68	A new biocatalyst: Penicillin G acylase immobilized in sol-gel micro-particles with magnetic properties. *Biotechnology Journal*, **2009**, 4, 695-702	5.6	11
67	Chemiluminescent bead-based hybridization assay for the detection of genomic DNA from E. coli in purified plasmid samples. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 2179-87	4.4	11
66	Flow injection analysis system for on-line cutinase activity assay. *Analytica Chimica Acta*, **2004**, 502, 115-124	5.6	11
65	Fed-Batch Production of L-Asparaginase II by Recombinant Strain. *Frontiers in Bioengineering and Biotechnology*, **2019**, 7, 16	5.8	10
64	Improved specific productivity in cephalexin synthesis by immobilized PGA in silica magnetic micro-particles. *Biotechnology and Bioengineering*, **2010**, 107, 753-62	4.9	10
63	Prediction of retention time of cutinases tagged with hydrophobic peptides in hydrophobic interaction chromatography. *Journal of Chromatography A*, **2007**, 1154, 460-3	4.5	10
62	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,	5.6	9
61	Synthesis of choline sulfonate buffers and their effect on cytochrome c dissolution and oxidation state. *RSC Advances*, **2014**, 4, 15597-15601	3.7	9
60	Use of chemometrics in the selection of a Saccharomyces cerevisiae expression system for recombinant cyprosin B production. *Biotechnology Letters*, **2011**, 33, 2111-9	3	9
59	Comparative study between probe focussed sonication and conventional stirring in the evaluation of cadmium and copper in plants. *Analytical and Bioanalytical Chemistry*, **2010**, 398, 2315-24	4.4	9
58	Knoevenagel Condensation Reactions of Cyano Malononitrile-Derivatives Under Microwave Radiation. *Current Organic Chemistry*, **2018**, 22, 519-532	1.7	9
57	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		8
56	Aldol Reactions by Lipase From Rhizopus niveus, an Example of Unspecific Protein Catalysis. *Catalysis Letters*, **2017**, 147, 1977-1987	2.8	8
55	Swelling behavior of gelatin-ionic liquid functional polymers. *Journal of Polymer Science, Part B: Polymer Physics*, **2013**, 51, 817-825	2.6	8
54	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	1.3	8
53	Nucleic-acid testing, new platforms and nanotechnology for point-of-decision diagnosis of animal pathogens. *Methods in Molecular Biology*, **2015**, 1247, 253-83	1.4	8

52	The role of probe-probe interactions on the hybridization of double-stranded DNA targets onto DNA-modified magnetic microparticles. *Analytical and Bioanalytical Chemistry*, **2009**, 394, 1711-6	4.4	7
51	Stability of lipases in miniemulsion systems: Correlation between secondary structure and activity. *Enzyme and Microbial Technology*, **2018**, 114, 7-14	3.8	6
50	A phenotypic screening bioassay for Escherichia coli stress and antibiotic responses based on Fourier-transform infrared (FTIR) spectroscopy and multivariate analysis. *Journal of Applied Microbiology*, **2019**, 127, 1776-1789	4.7	6
49	Kinetic model for the esterification of ethyl caproate for reaction optimization. *Journal of Molecular Catalysis B: Enzymatic*, **2014**, 101, 16-22		6
48	A novel colorimetric assay of □D-glucans in basidiomycete strains by alcian blue dye in a 96-well microtiter plate. *Biotechnology Progress*, **2015**, 31, 1526-35	2.8	6
47	Operational stability of cutinase in organic solvent system: model esterification of alkyl esters. *Journal of Chemical Technology and Biotechnology*, **2010**, 85, 1553-1560	3.5	6
46	Kinetic and Stability Studies of Penicillin Acylase in Reversed Micelles. *Biocatalysis and Biotransformation*, **2000**, 17, 401-415	2.5	6
45	Comparative Electrochemical Behavior of Cytochrome c on Aqueous Solutions Containing Choline-Based Room Temperature Ionic Liquids. *ChemistrySelect*, **2017**, 2, 8701-8705	1.8	5
44	A novel fed-batch based strategy for enhancing cell-density and recombinant cyprosin B production in bioreactors. *Bioprocess and Biosystems Engineering*, **2014**, 37, 2515-27	3.7	5
43	Waterborne Pathogen Detection Using a Magnetoresistive Immuno-Chip. *Springer Protocols*, **2012**, 263-288	1.8	5
42	Preliminary studies on continuous recovery and purification of the penicillin acylase under pseudo-affinity conditions using phenyl-Sepharose gel. *Journal of Molecular Recognition*, **1998**, 11, 252-4	2.6	5
41	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, 1353-8	3	5
40	Separation and purification of penicillin acylase from Escherichia coli using AOT reverse micelles. *Biotechnology Letters*, **1995**, 9, 265-270		5
39	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	4.5	4
38	Integrated Spintronic Platforms for Biomolecular Recognition Detection. *AIP Conference Proceedings*, **2008**,	0	4
37	Optimization of a pseudo-affinity process for penicillin acylase purification. *Bioprocess and Biosystems Engineering*, **1999**, 20, 513		4
36	Assay of penicillin acylase in organic media. *Biotechnology Letters*, **1995**, 9, 729-730		4
35	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	11	4

34	Sandwich-Type Enzymatic Fuel Cell Based on a New Electro-Conductive Material - Ion Jelly. *ChemistrySelect*, **2016**, 1, 6546-6552	1.8	4
33	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	3.5	4
32	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	5.7	4
31	Low-temperature enzymatic hydrolysis resolution in mini-emulsion media. *Chemical Papers*, **2015**, 69,	1.9	3
30	Quantitation of non-amplified genomic DNA by bead-based hybridization and template mediated extension coupled to alkaline phosphatase signal amplification. *Biotechnology Letters*, **2010**, 32, 229-34	3	3
29	Cutinase-catalyzed biosynthesis of short chain alkyl esters. *Journal of Biotechnology*, **2007**, 131, S109-S110	3.7	3
28	Silk Fibroin Functionalized with CuSO4 on Knoevenagel Condensation Under Microwave Radiation. *Current Microwave Chemistry*, **2017**, 4, 131-138	0.7	3
27	Novel polyol-responsive monoclonal antibodies against extracellular □D-glucans from Pleurotus ostreatus. *Biotechnology Progress*, **2016**, 32, 116-25	2.8	3
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25	Patterned functionalization layer for sub-□ DNA solid-phase immobilization and hybridization. *Sensors and Actuators B: Chemical*, **2010**, 149, 432-438	8.5	2
24	A Portrait of State-of-the-Art Research at the Technical University of Lisbon **2007**,		2
23	Immobilization of Amano AK lipase from Pseudomonas fluorescens on novel silk microfiber using Oxone□ : Parameter optimization for enzymatic assays and use in esterification of residual palm oil. *Current Catalysis*, **2021**, 10,	0.4	2
22	In Situ Electrochemical Characterization of a Microbial Fuel Cell Biocathode Running on Wastewater. *Catalysts*, **2021**, 11, 839	4	2
21	Biodegradable Polyester Synthesis in Renewed Aqueous Polycondensation Media: The Core of the New Greener Polymer-5B Technology. *Processes*, **2021**, 9, 365	2.9	2
20	Fast identification of off-target liabilities in early antibiotic discovery with Fourier-transform infrared spectroscopy. *Biotechnology and Bioengineering*, **2021**, 118, 4465-4476	4.9	2
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18	Stability assay of Candida rugosa lipase in miniemulsion system to synthesis of biodegradable polymers **2017**,		1
17	High-throughput bioassay for mechanism of action determination of antibacterial drugs **2017**,		1

16	Optimization of DNA Hybridization on Aminopropyl-Controlled Pore-Glass Particles: Detection of Non-Labeled Targets by PicoGreen Staining. *Analytical Letters*, **2010**, 43, 2694-2704	2.2	1
15	Evaluation of Ion Jelly biopolymer on glucose biosensing **2011**,		1
14	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	3.5	1
13	Horseradish Peroxidase Combined With Oxidase Enzymes a Valuable Bioanalytical Tool: Lactate Oxidase A Case Study. *Engineering in Life Sciences*, **2006**, 6, 181-186	3.4	1
12	Biotransformation of Flavonoids by Terrestrial and Marine Microorganisms **2020**, 1979-2000		1
11	Influence of Pretreatment Time in the Sugarcane Bagasse Saccharification by Cellulase Complex Produced by Marine Fungi **2020**, 2071-2094		1
10	Electrode Kinetics of Ion Jelly and Ion Sol-Gel Redox Materials on Screen-Printed Electrodes. *Applied Sciences (Switzerland)*, **2022**, 12, 2087	2.6	1
9	LipNanoCar Technology - A Versatile and Scalable Technology for the Production of Lipid Nanoparticles.. *Advances in Experimental Medicine and Biology*, **2022**, 1357, 43-82	3.6	1
8	Enzymatic Poly(octamethylene suberate) Synthesis by a Two-Step Polymerization Method Based on the New Greener Polymer-5B Technology. *Processes*, **2022**, 10, 221	2.9	0
7	Nanotechnology for the Diagnosis of Parasitic Infections **2013**, 209-219		0
6	The Contribution of Smart Materials and Advanced Clinical Diagnostic Micro- Devices on the Progress and Improvement of Human Health Care **2014**, 203-236		
5	Production of Recombinant Human Leukemia Inhibitory Factor (lif) in a Mammalian Cell Bioreactor: A First Approach **2012**, 573-576		
4	Nanotechnology and the Detection of Biomolecular Recognition Using Magnetoresistive Transducers **2007**, 3-22		
3	Improvement in the polyethylene glycol-cibacron blue purification method. *Journal of Chromatography A*, **1994**, 668, 61-64	4.5	
2	Enzymatic Production of Bioactive Peptides from Whey Proteins: Their Active Role and Potential Health Benefits **2021**, 473-506		
1	Dermal Delivery of Lipid Nanoparticles: Effects on Skin and Assessment of Absorption and Safety.. *Advances in Experimental Medicine and Biology*, **2022**, 1357, 83-114	3.6	