

# Jose Luis Iborra

## List of Publications by Year in descending order

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135  
papers

5,200  
citations

87888

38  
h-index

98798

67  
g-index

137  
all docs

137  
docs citations

137  
times ranked

3979  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic engineering for high yielding L(-)-carnitine production in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2013, 12, 56.	4.0	13
2	Selective synthesis of panthenyl esters by a kinetically controlled enzymatic process. <i>Biocatalysis and Biotransformation</i> , 2013, 31, 175-180.	2.0	2
3	Role of Central Metabolism in the Osmoadaptation of the Halophilic Bacterium <i>Chromohalobacter salexigens</i> . <i>Journal of Biological Chemistry</i> , 2013, 288, 17769-17781.	3.4	53
4	Acetate scavenging activity in <i>Escherichia coli</i> : interplay of acetyl-CoA synthetase and the PEP-glyoxylate cycle in chemostat cultures. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 2109-2124.	3.6	71
5	An efficient activity ionic liquid-enzyme system for biodiesel production. <i>Green Chemistry</i> , 2011, 13, 444.	9.0	78
6	cAMP-CRP coordinates the expression of the protein acetylation pathway with central metabolism in <i>Escherichia coli</i> . <i>Molecular Microbiology</i> , 2011, 82, 1110-1128.	2.5	82
7	A recyclable enzymatic biodiesel production process in ionic liquids. <i>Bioresource Technology</i> , 2011, 102, 6336-6339.	9.6	68
8	Ectoines in cell stress protection: Uses and biotechnological production. <i>Biotechnology Advances</i> , 2010, 28, 782-801.	11.7	296
9	Metabolic adaptation of <i>Escherichia coli</i> to long-term exposure to salt stress. <i>Process Biochemistry</i> , 2010, 45, 1459-1467.	3.7	19
10	On the nature of ionic liquids and their effects on lipases that catalyze ester synthesis. <i>Journal of Biotechnology</i> , 2009, 140, 234-241.	3.8	104
11	An insight into the role of phosphotransacetylase (pta) and the acetate/acetyl-CoA node in <i>Escherichia coli</i> . <i>Microbial Cell Factories</i> , 2009, 8, 54.	4.0	118
12	Long term continuous chemoenzymatic dynamic kinetic resolution of rac-1-phenylethanol using ionic liquids and supercritical carbon dioxide. <i>Green Chemistry</i> , 2009, 11, 538.	9.0	59
13	Design of Metabolic Engineering Strategies for Maximizing L(-)-Carnitine Production by <i>Escherichia coli</i> . Integration of the Metabolic and Bioreactor Levels. <i>Biotechnology Progress</i> , 2008, 21, 329-337.	2.6	16
14	Role of betaine:CoA ligase (CaiC) in the activation of betaines and the transfer of coenzyme A in <i>Escherichia coli</i> . <i>Journal of Applied Microbiology</i> , 2008, 105, 42-50.	3.1	10
15	Redirecting metabolic fluxes through cofactor engineering: Role of CoA-esters pool during L(-)-carnitine production by <i>Escherichia coli</i> . <i>Journal of Biotechnology</i> , 2007, 132, 110-117.	3.8	11
16	Ionic liquids improve citronellyl ester synthesis catalyzed by immobilized <i>Candida antarctica</i> lipase B in solvent-free media. <i>Green Chemistry</i> , 2007, 9, 780.	9.0	73
17	Production of L-carnitine by secondary metabolism of bacteria. <i>Microbial Cell Factories</i> , 2007, 6, 31.	4.0	30
18	Salt stress effects on the central and carnitine metabolisms of <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2007, 96, 722-737.	3.3	36

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19	Bioreactors Based on Monolith-Supported Ionic Liquid Phase for Enzyme Catalysis in Supercritical Carbon Dioxide. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 1077-1084.	4.3	128
20	On the importance of the supporting material for activity of immobilized <i>Candida antarctica</i> lipase B in ionic liquid/hexane and ionic liquid/supercritical carbon dioxide biphasic media. <i>Journal of Supercritical Fluids</i> , 2007, 40, 93-100.	3.2	72
21	Impairing and Monitoring Glucose Catabolite Repression in L-Carnitine Biosynthesis. <i>Biotechnology Progress</i> , 2007, 23, 1286-1296.	2.6	4
22	Plasmid maintenance and physiology of a genetically engineered <i>Escherichia coli</i> strain during continuous l-carnitine production. <i>Biotechnology Letters</i> , 2007, 29, 1549-1556.	2.2	6
23	Analysis of <i>Escherichia coli</i> cell state by flow cytometry during whole cell catalyzed biotransformation for l-carnitine production. <i>Process Biochemistry</i> , 2007, 42, 25-33.	3.7	19
24	Role of energetic coenzyme pools in the production of l-carnitine by <i>Escherichia coli</i> . <i>Metabolic Engineering</i> , 2006, 8, 603-618.	7.0	13
25	Chemoenzymatic dynamic kinetic resolution of rac-1-phenylethanol in ionic liquids and ionic liquids/supercritical carbon dioxide systems. <i>Biotechnology Letters</i> , 2006, 28, 1559-1565.	2.2	68
26	Model of central and trimethylammonium metabolism for optimizing l-carnitine production by <i>E. coli</i> . <i>Metabolic Engineering</i> , 2005, 7, 401-425.	7.0	10
27	Permeabilization of <i>Escherichia coli</i> cells in the biotransformation of trimethylammonium compounds into l-carnitine. <i>Enzyme and Microbial Technology</i> , 2005, 37, 300-308.	3.2	43
28	Whole cell biocatalysts stabilization for l-carnitine production. <i>Biocatalysis and Biotransformation</i> , 2005, 23, 149-158.	2.0	4
29	Dynamic structure–function relationships in enzyme stabilization by ionic liquids. <i>Biocatalysis and Biotransformation</i> , 2005, 23, 169-176.	2.0	70
30	Criteria to Design Green Enzymatic Processes in Ionic Liquid/Supercritical Carbon Dioxide Systems. <i>Biotechnology Progress</i> , 2004, 20, 661-669.	2.6	134
31	Kinetic resolution of rac-2-pentanol catalyzed by <i>Candida antarctica</i> lipase B in the ionic liquid, 1-butyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]amide. <i>Biotechnology Letters</i> , 2004, 26, 301-306.	2.2	54
32	Membrane reactor with immobilized <i>Candida antarctica</i> lipase B for ester synthesis in supercritical carbon dioxide. <i>Journal of Supercritical Fluids</i> , 2004, 29, 121-128.	3.2	85
33	Fluorescence and CD spectroscopic analysis of the $\gamma$ -chymotrypsin stabilization by the ionic liquid, 1-ethyl-3-methylimidazolium bis[(trifluoromethyl)sulfonyl]amide. <i>Biotechnology and Bioengineering</i> , 2004, 88, 916-924.	3.3	190
34	Synthesis of glycidyl esters catalyzed by lipases in ionic liquids and supercritical carbon dioxide. <i>Journal of Molecular Catalysis A</i> , 2004, 214, 113-119.	4.8	61
35	Culture collections and biochemistry. <i>International Microbiology</i> , 2003, 6, 105-112.	2.4	4
36	Enzymatic ester synthesis in ionic liquids. <i>Journal of Molecular Catalysis B: Enzymatic</i> , 2003, 21, 9-13.	1.8	114

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37	Effect of salt stress on crotonobetaine and D(+)-carnitine biotransformation into L( $\hat{\alpha}$ )-carnitine by resting cells of <i>Escherichia coli</i> . <i>Journal of Basic Microbiology</i> , 2003, 43, 259-268.	3.3	15
38	Ester synthesis from trimethylammonium alcohols in dry organic media catalyzed by immobilized <i>Candida antarctica</i> lipase B. <i>Biotechnology and Bioengineering</i> , 2003, 82, 352-358.	3.3	15
39	Link between primary and secondary metabolism in the biotransformation of trimethylammonium compounds by <i>Escherichia coli</i> . <i>Biotechnology and Bioengineering</i> , 2003, 84, 686-699.	3.3	20
40	Racemisation of d(+)-carnitine into l( $\hat{\alpha}$ )-carnitine by <i>Escherichia coli</i> strains. <i>Process Biochemistry</i> , 2003, 39, 287-293.	3.7	5
41	Membrane cell retention systems for continuous production of $\gamma$ -carnitine using <i>Proteus sp.</i> . <i>Journal of Membrane Science</i> , 2003, 214, 101-111.	8.2	12
42	Lipase Catalysis in Ionic Liquids and Supercritical Carbon Dioxide at 150 $\hat{\text{A}}$ $^{\circ}\text{C}$ . <i>Biotechnology Progress</i> , 2003, 19, 380-382.	2.6	136
43	Continuous green biocatalytic processes using ionic liquids and supercritical carbon dioxide. <i>Chemical Communications</i> , 2002, , 692-693.	4.1	212
44	Modeling of the biotransformation of crotonobetaine into L-( $\hat{\alpha}$ )-carnitine by <i>Escherichia coli</i> strains. <i>Biotechnology and Bioengineering</i> , 2002, 77, 764-775.	3.3	25
45	Modeling, optimization and experimental assessment of continuous L-( $\hat{\alpha}$ )-carnitine production by <i>Escherichia coli</i> cultures. <i>Biotechnology and Bioengineering</i> , 2002, 80, 794-805.	3.3	27
46	Active membranes coated with immobilized <i>Candida antarctica</i> lipase B: preparation and application for continuous butyl butyrate synthesis in organic media. <i>Journal of Membrane Science</i> , 2002, 201, 55-64.	8.2	69
47	L(-)-carnitine production using a recombinant <i>Escherichia coli</i> strain. <i>Enzyme and Microbial Technology</i> , 2001, 28, 785-791.	3.2	15
48	Stabilization of $\beta$ -chymotrypsin by ionic liquids in transesterification reactions. <i>Biotechnology and Bioengineering</i> , 2001, 75, 563-569.	3.3	233
49	Over-stabilization of <i>Candida antarctica</i> lipase B by ionic liquids in ester synthesis. <i>Biotechnology Letters</i> , 2001, 23, 1529-1533.	2.2	223
50	Preparation of hybrid membranes for enzymatic reaction. <i>Separation and Purification Technology</i> , 2001, 25, 229-233.	7.9	33
51	Determination of $\gamma$ -Carnitine by Flow Injection Analysis with NADH Fluorescence Detection. <i>Analytical Biochemistry</i> , 2000, 281, 176-181.	2.4	13
52	Designing enzymatic kyotorphin synthesis in organic media with low water content. <i>Enzyme and Microbial Technology</i> , 2000, 26, 608-613.	3.2	17
53	Title is missing!. <i>Biotechnology Letters</i> , 2000, 22, 771-775.	2.2	15
54	A non-destructive method to determine the safranal content of saffron ( <i>Crocus sativus</i> L.) by supercritical carbon dioxide extraction combined with high-performance liquid chromatography and gas chromatography. <i>Journal of Proteomics</i> , 2000, 43, 367-378.	2.4	105

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55	Î²-Galactosidase immobilization for milk lactose hydrolysis: a simple experimental and modelling study of batch and continuous reactors. <i>Biochemical Education</i> , 2000, 28, 164-168.	0.1	13
56	A quantitative high-performance liquid chromatographic method to analyse commercial saffron ( <i>Crocus sativus</i> L.) products.. <i>Journal of Chromatography A</i> , 1999, 830, 477-483.	3.7	120
57	Glycosylated Î±-chymotrypsin as a catalyst for kyotorphin synthesis in water-organic media. <i>Biotechnology Letters</i> , 1999, 21, 595-599.	2.2	15
58	Enzymatic Cycling Assay for d-Carnitine Determination. <i>Analytical Biochemistry</i> , 1999, 274, 34-39.	2.4	12
59	Retention and regeneration of native NAD(H) in noncharged ultrafiltration membrane reactors: Application to l-lactate and gluconate production. , 1998, 57, 510-517.		19
60	Limonin consumption at acidic pH values and absence of aeration by <i>Rhodococcus fascians</i> cells in batch and immobilized continuous systems. <i>Enzyme and Microbial Technology</i> , 1998, 22, 111-116.	3.2	14
61	Biotransformation of D(+)-carnitine into L(Î±)-carnitine by resting cells of <i>Escherichia coli</i> O44 K74. <i>Journal of Applied Microbiology</i> , 1998, 85, 883-890.	3.1	31
62	Effect of zeolite addition on ethanol production from glucose by <i>Saccharomyces bayanus</i> . <i>Journal of Chemical Technology and Biotechnology</i> , 1998, 73, 377-384.	3.2	0
63	Analysis of Commercial Neohesperidin Dihydrochalcone by High Performance Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 2063-2073.	1.0	4
64	Stabilization of Glucose Dehydrogenase with Polyethyleneimine in an Electrochemical Reactor with NAD(P) <sup>+</sup> Regeneration. <i>Biotechnology Progress</i> , 1997, 13, 557-561.	2.6	16
65	Dynamic Structure/Function Relationships in the alpha-Chymotrypsin Deactivation Process by Heat and pH. <i>FEBS Journal</i> , 1997, 248, 80-85.	0.2	55
66	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 1005-1009.	2.2	9
67	l(Î±)-Carnitine production with immobilized <i>Escherichia coli</i> cells in continuous reactors. <i>Enzyme and Microbial Technology</i> , 1997, 21, 531-536.	3.2	17
68	Continuous retention of native NADP(H) in an enzyme membrane reactor for gluconate and glutamate production. <i>Journal of Biotechnology</i> , 1996, 50, 27-36.	3.8	18
69	Biotransformation from geraniol to nerol by immobilized grapevine cells ( <i>V. vinifera</i> ). <i>Applied Biochemistry and Biotechnology</i> , 1996, 56, 169-180.	2.9	16
70	Comparative thermostability of glucose dehydrogenase from <i>Haloferax mediterranei</i> . Effects of salts and polyols. <i>Enzyme and Microbial Technology</i> , 1996, 19, 352-360.	3.2	38
71	Stability of immobilized Î³-chymotrypsin in supercritical carbon dioxide. <i>Biotechnology Letters</i> , 1996, 18, 1345-1350.	2.2	37
72	pH influence on the consumption of limonin species by <i>Rhodococcus fascians</i> cells. <i>Biotechnology Letters</i> , 1996, 18, 423-428.	2.2	7

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73	Influence of Water-Miscible Aprotic Solvents on $\hat{\pm}$ -Chymotrypsin Stability. <i>Biotechnology Progress</i> , 1996, 12, 488-493.	2.6	23
74	Peptide Synthesis by Papain in Alkali Halide Media. <i>Biocatalysis and Biotransformation</i> , 1996, 13, 255-269.	2.0	2
75	A model that links growth and secondary metabolite production in plant cell suspension cultures. <i>Biotechnology and Bioengineering</i> , 1995, 46, 291-297.	3.3	32
76	Effect of water-miscible aprotic solvents on kyotorphin synthesis catalyzed by immobilized $\hat{?}$ -chymotrypsin. <i>Biotechnology Letters</i> , 1995, 17, 603-608.	2.2	26
77	A practical experiment on enzyme immobilization and characterization of the immobilized derivatives. <i>Biochemical Education</i> , 1995, 23, 213-216.	0.1	11
78	Enhanced accumulation of anthocyanins in <i>Vitis vinifera</i> cells immobilized in polyurethane foam. <i>Enzyme and Microbial Technology</i> , 1994, 16, 416-419.	3.2	12
79	Food Protein Nutrient Improvement by Protease at Reduced Water Activity. <i>Journal of Food Science</i> , 1994, 59, 876-880.	3.1	4
80	Effect of polyols on $\hat{\pm}$ -chymotrypsin thermostability: a mechanistic analysis of the enzyme stabilization. <i>Journal of Biotechnology</i> , 1994, 35, 9-18.	3.8	88
81	Optimization of the start-up of a passively immobilized <i>Zymomonas mobilis</i> system for continuous ethanol production. <i>Process Biochemistry</i> , 1994, 29, 569-574.	3.7	1
82	Analysis of a packed-bed reactor for hydrolysis of picrocrocin by immobilized $\hat{?}$ -glucosidase. <i>Enzyme and Microbial Technology</i> , 1993, 15, 780-784.	3.2	15
83	Influence of polyhydroxylic cosolvents on papain thermostability. <i>Enzyme and Microbial Technology</i> , 1993, 15, 868-873.	3.2	17
84	Preparative high-performance liquid chromatographic purification of saffron secondary metabolites. <i>Journal of Chromatography A</i> , 1993, 648, 187-190.	3.7	45
85	Synthesis of L-tyrosine glyceryl ester catalyzed by $\hat{\pm}$ -chymotrypsin in water-miscible organic solvents: A possible sun-tan accelerator product. <i>Biotechnology Letters</i> , 1993, 15, 1223-1228.	2.2	7
86	Thermostability of immobilized plant microsomes. <i>Biotechnology Letters</i> , 1993, 15, 1129-1132.	2.2	2
87	Comparative study of reactor performance for the resolution of d,l-amino acids. <i>Process Biochemistry</i> , 1992, 27, 339-346.	3.7	2
88	One-step synthesis of Gly-Gly-PheNH <sub>2</sub> from N-protected amino acid derivatives by papain in one-phase liquid media. <i>Biotechnology Letters</i> , 1992, 14, 933-936.	2.2	10
89	Picrocrocin hydrolysis by immobilized $\hat{?}$ -glucosidase. <i>Biotechnology Letters</i> , 1992, 14, 475-480.	2.2	24
90	TLC Preparative Purification of Picrocrocin, HTCC and Crocin from Saffron. <i>Journal of Food Science</i> , 1992, 57, 714-716.	3.1	71

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91	Properties of pectinesterase and endo-d-polygalacturonase coimmobilized in a porous glass support. <i>Applied Biochemistry and Biotechnology</i> , 1992, 37, 19-31.	2.9	7
92	2,3,5-triphenyltetrazolium chloride as a viability assay for immobilized plant cells. <i>Biotechnology Letters</i> , 1992, 6, 319-322.	0.5	30
93	Short-chain flavour ester synthesis by immobilized lipase in organic media. <i>Biotechnology Letters</i> , 1991, 13, 339-344.	2.2	105
94	Characteristics of the immobilized pectin lyase activity from a commercial pectolytic enzyme preparation. <i>Acta Biotechnologica</i> , 1990, 10, 531-539.	0.9	14
95	Degradation of isovalerate and 2-methylbutyrate in an anaerobic trickling filter. <i>Biological Wastes</i> , 1990, 34, 241-250.	0.2	7
96	Kinetic and operational study of a cross-flow reactor with immobilized pectolytic enzymes. <i>Enzyme and Microbial Technology</i> , 1990, 12, 499-505.	3.2	27
97	Methanogenic biofilm growth studies in an anaerobic fixed-film reactor. <i>Enzyme and Microbial Technology</i> , 1990, 12, 387-394.	3.2	4
98	Properties of pectinesterase immobilized on glycochase-coated controlled-pore glass. <i>Applied Biochemistry and Biotechnology</i> , 1989, 22, 129-140.	2.9	20
99	Optimization of the pectinesterase/endo-d-polygalacturonase coimmobilization process. <i>Enzyme and Microbial Technology</i> , 1989, 11, 837-843.	3.2	17
100	Degradation of limonin by entrapped <i>Rhodococcus fascians</i> cells. <i>Biotechnology Letters</i> , 1989, 11, 653-658.	2.2	23
101	Stability against stop of flow of an immobilized <i>Zymomonas mobilis</i> bioreactor. <i>Biotechnology Letters</i> , 1989, 11, 665-668.	2.2	2
102	pH influence on ethanol production and retained biomass in a passively immobilized <i>Zymomonas mobilis</i> system. <i>Biotechnology Letters</i> , 1988, 10, 437-442.	2.2	6
103	Synergistic effect of endo-D-polygalacturonase on coimmobilized pectinesterase. <i>Biotechnology Letters</i> , 1988, 10, 97-100.	2.2	6
104	Anaerobic digestion: A case study. <i>Biochemical Education</i> , 1988, 16, 82-84.	0.1	0
105	The existence of apotyrosinase in the cytosol of Harding-Passey mouse melanoma melanocytes and characteristics of enzyme reconstitution by Cu(II). <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1987, 923, 413-420.	2.4	16
106	Activity of soluble and immobilized hesperidinase on insoluble hesperidin. <i>Biotechnology Letters</i> , 1987, 9, 871-874.	2.2	11
107	A cross-flow reactor with immobilized pectolytic enzymes for juice clarification. <i>Biotechnology Letters</i> , 1987, 9, 875-880.	2.2	31
108	Effect of temperature and long-term operation on passively immobilized <i>Zymomonas mobilis</i> for continuous ethanol production. <i>Biotechnology Letters</i> , 1987, 9, 573-576.	2.2	6

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109	Effect of ethanol addition on propionic acid consumption in an anaerobic bioreactor. <i>Biotechnology Letters</i> , 1987, 9, 807-810.	2.2	4
110	Evaluation of the effectiveness factor along immobilized enzyme fixed-bed reactors: Design of a reactor with naringinase covalently immobilized into glycophase-coated porous glass. <i>Biotechnology and Bioengineering</i> , 1987, 30, 491-497.	3.3	28
111	A visual-practical method for following the immobilization of biomolecules. <i>Biochemical Education</i> , 1987, 15, 85-86.	0.1	2
112	Comparative study of tyrosinases from different sources: Relationship between halide inhibition and the enzyme active site. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1986, 83, 633-636.	0.2	15
113	Study of L-tryptophan oxidation by tyrosinase. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1986, 18, 39-47.	0.5	15
114	Irreversible inhibition of trypsin by TLCK. A continuous method for kinetic study of irreversible enzymatic inhibitors in the presence of substrate. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1986, 18, 285-288.	0.5	12
115	Kinetics and stoichiometry of cysteinyl-dopa formation in the first steps of melanogenesis. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1986, 18, 161-166.	0.5	7
116	Analysis of diffusion effects on immobilized enzymes on porous supports with reversible Michaelis-Menten kinetics. <i>Enzyme and Microbial Technology</i> , 1986, 8, 433-438.	3.2	24
117	Immobilization of naringinase on glycophase-coated porous glass. <i>Biotechnology Letters</i> , 1985, 7, 477-482.	2.2	38
118	Chemical intermediates in L-tryptophan oxidation by tyrosinase. I. Spectral properties and stoichiometry. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1985, 17, 885-890.	0.5	4
119	Chemical intermediates in L-tryptophan oxidation by tyrosinase. II. Kinetic study of process. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1985, 17, 891-894.	0.5	4
120	Regulation of the cytosolic and melanosome-bound tyrosinase activities in Harding-Passey mouse melanoma. <i>International Journal of Biochemistry &amp; Cell Biology</i> , 1985, 17, 995-1002.	0.5	7
121	A method for assaying the rhamnosidase activity of naringinase. <i>Analytical Biochemistry</i> , 1985, 149, 566-571.	2.4	104
122	Microcomputer-based question bank for training and assessment in biochemistry. <i>Biochemical Education</i> , 1984, 12, 108-111.	0.1	3
123	Conformational studies of soluble and immobilized frog epidermis tyrosinase by fluorescence. <i>Applied Biochemistry and Biotechnology</i> , 1984, 9, 173-185.	2.9	7
124	Kinetic study of the interaction between frog epidermis tyrosinase and chloride. <i>BBA - Proteins and Proteomics</i> , 1984, 788, 327-332.	2.1	15
125	Kinetic study on the slow inhibition of epidermis tyrosinase by m-coumaric acid. <i>BBA - Proteins and Proteomics</i> , 1984, 790, 101-107.	2.1	20
126	Tyrosine hydroxylase activity of immobilized tyrosinase on enzacryl-AA and CPG-AA supports: Stabilization and properties. <i>Biotechnology and Bioengineering</i> , 1984, 26, 1306-1312.	3.3	58



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127	Incorporation of bovine thyroid peroxidase in liposomes. Chemistry and Physics of Lipids, 1984, 34, 237-244.	3.2	3
128	Chemical intermediates in dopamine oxidation by tyrosinase, and kinetic studies of the process. Archives of Biochemistry and Biophysics, 1984, 235, 438-448.	3.0	94
129	Kinetic study and intermediates identification of noradrenaline oxidation by tyrosinase. Biochemical Pharmacology, 1984, 33, 3689-3697.	4.4	25
130	Acid proteinase activity in fish I. Comparative study of extraction of cathepsins B and D from Mujil auratus. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1984, 78, 203-206.	0.2	7
131	Acid proteinase activity in fish II. Purification and characterization of cathepsins B and D from Mujil auratus muscle. Comparative Biochemistry and Physiology Part B: Comparative Biochemistry, 1984, 78, 207-213.	0.2	10
132	Non-proteolytic solubilization of bovine thyroid peroxidase: Thermodynamic parameters of the thermoinactivation. International Journal of Biochemistry & Cell Biology, 1983, 15, 95-103.	0.5	0
133	Steady-state kinetics of thyroid peroxidase. evidence for a high degree rate equation using the f statistic. International Journal of Biochemistry & Cell Biology, 1983, 15, 1195-1200.	0.5	1
134	Kinetic study of the pathway of melanization between l-dopa and dopachrome. Biochimica Et Biophysica Acta - General Subjects, 1982, 717, 124-131.	2.4	96
135	Quantitative determination of tryptophanyl and tyrosyl residues of proteins by second-derivative fluorescence spectroscopy. Analytical Biochemistry, 1982, 125, 277-285.	2.4	24