Jose Tudela

List of Publications by Year in descending order

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147	4,832	76196	118652
papers	citations	40 h-index	62 g-index

151	151	151	3603
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Natural insecticides from native plants of the Mediterranean basin and their activity for the control of the date moth Ectomyelois ceratoniae (Zeller) (Lepidoptera: Pyralidae). Journal of Plant Diseases and Protection, 2022, 129, 775-782.	1.6	3
2	Study of tyrosine and dopa enantiomers as tyrosinase substrates initiating<scp>l</scp>â€• and<scp>d</scp>â€melanogenesis pathways. Biotechnology and Applied Biochemistry, 2021, 68, 823-831.	1.4	6
3	In vitro neuroprotective potential of terpenes from industrial orange juice by-products. Food and Function, 2021, 12, 302-314.	2.1	38
4	Enzymatic oxidation of oleuropein and 3â€hydroxytyrosol by laccase, peroxidase, and tyrosinase. Journal of Food Biochemistry, 2021, 45, e13803.	1.2	3
5	Development of a method to measure laccase activity on methoxyphenolic food ingredients and isomers. International Journal of Biological Macromolecules, 2020, 151, 1099-1107.	3.6	2
6	Kinetic characterization of the oxidation of catecolamines and related compounds by laccase. International Journal of Biological Macromolecules, 2020, 164, 1256-1266.	3.6	12
7	Evaluation of rat liver with ARFI elastography: In vivo and ex vivo study. PLoS ONE, 2019, 14, e0217297.	1.1	4
8	Rosmarinus officinalis L. essential oils from Spain: composition, antioxidant capacity, lipoxygenase and acetylcholinesterase inhibitory capacities, and antimicrobial activities. Plant Biosystems, 2018, 152, 1282-1292.	0.8	26
9	Thyme essential oils from Spain: Aromatic profile ascertained by GCâ€“MS, and their antioxidant, anti-lipoxygenase and antimicrobial activities. Journal of Food and Drug Analysis, 2018, 26, 529-544.	0.9	46
10	Thymus mastichina L. essential oils from Murcia (Spain): Composition and antioxidant, antienzymatic and antimicrobial bioactivities. PLoS ONE, 2018, 13, e0190790.	1.1	32
11	Action of 2,2â€²,4,4â€²-tetrahydroxybenzophenone in the biosynthesis pathway of melanin. International Journal of Biological Macromolecules, 2017, 98, 622-629.	3.6	18
12	Salvia officinalis L. Essential Oils from Spain: Determination of Composition, Antioxidant Capacity, Antienzymatic, and Antimicrobial Bioactivities. Chemistry and Biodiversity, 2017, 14, e1700102.	1.0	45
13	Study of the inhibition of 3-/4-aminoacetophenones on tyrosinase. Reaction Kinetics, Mechanisms and Catalysis, 2017, 120, 1-13.	0.8	6
14	Composition and Antioxidant, Antienzymatic and Antimicrobial Activities of Volatile Molecules from Spanish Salvia lavandulifolia (Vahl) Essential Oils. Molecules, 2017, 22, 1382.	1.7	23
15	Action of tyrosinase on alpha and beta-arbutin: A kinetic study. PLoS ONE, 2017, 12, e0177330.	1.1	52
16	Origanum Vulgare and Thymbra Capitata Essential Oils from Spain: Determination of Aromatic Profile and Bioactivities. Natural Product Communications, 2016, 11, 1934578X1601100.	0.2	20
17	Characterization of the action of tyrosinase on resorcinols. Bioorganic and Medicinal Chemistry, 2016, 24, 4434-4443.	1.4	18
18	4-n-butylresorcinol, a depigmenting agent used in cosmetics, reacts with tyrosinase. IUBMB Life, 2016, 68, 663-672.	1.5	14

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19	Comparative study of GCâ€MS characterization, antioxidant activity and hyaluronidase inhibition of different species of Lavandula and Thymus essential oils. Flavour and Fragrance Journal, 2016, 31, 57-69.	1.2	25
20	Lavandula angustifolia and Lavandula latifolia Essential Oils from Spain: Aromatic Profile and Bioactivities. Planta Medica, 2016, 82, 163-170.	0.7	39
21	Action of ellagic acid on the melanin biosynthesis pathway. Journal of Dermatological Science, 2016, 82, 115-122.	1.0	36
22	Lavandin (LavandulaÂÃ—Âintermedia Emeric ex Loiseleur) essential oil from Spain: determination of aromatic profile by gas chromatographyâ€“mass spectrometry, antioxidant and lipoxygenase inhibitory bioactivities. Natural Product Research, 2016, 30, 1123-1130.	1.0	38
23	Kinetic characterization of oxyresveratrol as a tyrosinase substrate. IUBMB Life, 2015, 67, 828-836.	1.5	14
24	Kinetic characterization of substrateâ€analogous inhibitors of tyrosinase. IUBMB Life, 2015, 67, 757-767.	1.5	11
25	Discrimination between Alternative Substrates and Inhibitors of Tyrosinase. Journal of Agricultural and Food Chemistry, 2015, 63, 2162-2171.	2.4	27
26	Identification of p-hydroxybenzyl alcohol, tyrosol, phloretin and its derivate phloridzin as tyrosinase substrates. Bioorganic and Medicinal Chemistry, 2015, 23, 3738-3746.	1.4	16
27	Lavandula stoechas essential oil from Spain: Aromatic profile determined by gas chromatographyâ€“mass spectrometry, antioxidant and lipoxygenase inhibitory bioactivities.. Industrial Crops and Products, 2015, 73, 16-27.	2.5	67
28	PROOXIDANT AND ANTIOXIDANT ACTIVITIES OF ROSMARINIC ACID. Journal of Food Biochemistry, 2013, 37, 396-408.	1.2	35
29	Lavandin super from Spain: aromatic profile by Enantioselective Gas Chromatographyâ€“Mass Spectrometry. New Biotechnology, 2012, 29, S198-S199.	2.4	0
30	Kinetic characterisation of o-aminophenols and aromatic o-diamines as suicide substrates of tyrosinase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2012, 1824, 647-655.	1.1	10
31	Unravelling the suicide inactivation of tyrosinase: A discrimination between mechanisms. Journal of Molecular Catalysis B: Enzymatic, 2012, 75, 11-19.	1.8	23
32	Catalytic oxidation of o-aminophenols and aromatic amines by mushroom tyrosinase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 1974-1983.	1.1	13
33	Tetrahydrofolic Acid Is a Potent Suicide Substrate of Mushroom Tyrosinase. Journal of Agricultural and Food Chemistry, 2011, 59, 1383-1391.	2.4	8
34	Suicide inactivation of tyrosinase in its action on tetrahydropterines. Journal of Enzyme Inhibition and Medicinal Chemistry, 2011, 26, 728-733.	2.5	4
35	Indirect inactivation of tyrosinase in its action on tyrosine.. Acta Biochimica Polonica, 2011, 58, .	0.3	5
36	Kinetic cooperativity of tyrosinase. A general mechanism.. Acta Biochimica Polonica, 2011, 58, .	0.3	3

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37	New features of the steady-state rate related with the initial concentration of substrate in the diphenolase and monophenolase activities of tyrosinase. Journal of Mathematical Chemistry, 2010, 48, 347-362.	0.7	3
38	Some kinetic properties of deoxytyrosinase. Journal of Molecular Catalysis B: Enzymatic, 2010, 62, 173-182.	1.8	4
39	Suicide inactivation of the diphenolase and monophenolase activities of tyrosinase. IUBMB Life, 2010, 62, 539-547.	1.5	63
40	Tyrosinase inactivation in its action on dopa. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 1467-1475.	1.1	33
41	Melanogenesis Inhibition Due to NADH. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1777-1787.	0.6	11
42	Effects of Tetrahydropterines on the Generation of Quinones Catalyzed by Tyrosinase. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1108-1109.	0.6	1
43	Quantification of the Antioxidant Capacity of Different Molecules and Their Kinetic Antioxidant Efficiencies. Journal of Agricultural and Food Chemistry, 2010, 58, 2062-2070.	2.4	34
44	Ellagic acid: Characterization as substrate of polyphenol oxidase. IUBMB Life, 2009, 61, 171-177.	1.5	24
45	Enzymatic and chemical oxidation of trihydroxylated phenols. Food Chemistry, 2009, 113, 435-444.	4.2	42
46	Indigo carmine biodegradation catalysed by soybean peroxidase. New Biotechnology, 2009, 25, S161.	2.4	0
47	Generation of hydrogen peroxide in the melanin biosynthesis pathway. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1017-1029.	1.1	57
48	Melanogenesis inhibition by tetrahydropterines. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 1766-1774.	1.1	7
49	Stereospecific inactivation of tyrosinase by l- and d-ascorbic acid. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2009, 1794, 244-253.	1.1	34
50	Kinetic Characterization of the Oxidation of Carbidopa and Benserazide by Tyrosinase and Peroxidase. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1308-1313.	0.6	3
51	Determination and Applications of the Molar Absorptivity of Phenolic Adducts with Captopril and Mesna. Journal of Agricultural and Food Chemistry, 2009, 57, 1143-1150.	2.4	0
52	Phenolic substrates and suicide inactivation of tyrosinase: kinetics and mechanism. Biochemical Journal, 2008, 416, 431-440.	1.7	56
53	Kinetic Characterization of the Enzymatic and Chemical Oxidation of the Catechins in Green Tea. Journal of Agricultural and Food Chemistry, 2008, 56, 9215-9224.	2.4	32
54	An approximate analytical solution to the lag period of monophenolase activity of tyrosinase. International Journal of Biochemistry and Cell Biology, 2007, 39, 238-252.	1.2	35

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55	Tyrosinase affinity towards oxygen: Determination from a conversion time method. Journal of Biotechnology, 2007, 131, S121.	1.9	0
56	Effect of tetrahydropteridines on the monophenolase and diphenolase activities of tyrosinase. Journal of Enzyme Inhibition and Medicinal Chemistry, 2007, 22, 383-394.	2.5	4
57	Kinetic Characterization of the Oxidation of Esculetin by Polyphenol Oxidase and Peroxidase. Bioscience, Biotechnology and Biochemistry, 2007, 71, 390-396.	0.6	24
58	Kinetic Characterization of the Oxidation of Chlorogenic Acid by Polyphenol Oxidase and Peroxidase. Characteristics of theo-Quinone. Journal of Agricultural and Food Chemistry, 2007, 55, 920-928.	2.4	17
59	A Review on Spectrophotometric Methods for Measuring the Monophenolase and Diphenolase Activities of Tyrosinase. Journal of Agricultural and Food Chemistry, 2007, 55, 9739-9749.	2.4	126
60	A Further Step in the Kinetic Characterisation of the Tyrosinase Enzymatic System. Journal of Mathematical Chemistry, 2007, 41, 393-406.	0.7	5
61	Calculating molar absorptivities for quinones: Application to the measurement of tyrosinase activity. Analytical Biochemistry, 2006, 351, 128-138.	1.1	85
62	Effects of calcium on the thermal stability, stability in organic solvents and resistance to hydrogen peroxide of artichoke (Cynara scolymus L.) peroxidase: A potential method of enzyme control. Journal of Molecular Catalysis B: Enzymatic, 2006, 42, 78-84.	1.8	3
63	Purification of cynarases from artichoke (L.): enzymatic properties of cynarase A. Phytochemistry, 2005, 66, 41-49.	1.4	58
64	Kinetic study of monophenol and o-diphenol binding to oxytyrosinase. Journal of Molecular Catalysis B: Enzymatic, 2005, 32, 185-192.	1.8	12
65	Reaction mechanism to explain the high kinetic autoactivation of tyrosinase. Journal of Molecular Catalysis B: Enzymatic, 2005, 33, 35-42.	1.8	16
66	Interpretation of the reactivity of peroxidase compound II with phenols and anilines using the Marcus equation. Biological Chemistry, 2005, 386, 351-60.	1.2	13
67	Opposite effects of peroxidase in the initial stages of tyrosinase-catalysed melanin biosynthesis. International Journal of Biochemistry and Cell Biology, 2005, 37, 1179-1196.	1.2	12
68	Mushroom Tyrosinase:â€‰ Catalase Activity, Inhibition, and Suicide Inactivation. Journal of Agricultural and Food Chemistry, 2005, 53, 3702-3709.	2.4	81
69	Enzymatic Method with Polyphenol Oxidase for the Determination of Cysteine andN-Acetylcysteine. Journal of Agricultural and Food Chemistry, 2005, 53, 6183-6189.	2.4	27
70	Kinetic characterization of phenol and aniline derivates as substrates of peroxidase. Biological Chemistry, 2004, 385, 795-800.	1.2	9
71	Stereospecificity of horseradish peroxidase. Biological Chemistry, 2004, 385, 1177-84.	1.2	9
72	Pentacoordinate Nickel(II) Complexes Double Bridged by Phosphate Ester or Phosphinate Ligands: Spectroscopic, Structural, Kinetic, and Magnetic Studies. Chemistry - A European Journal, 2004, 10, 1738-1746.	1.7	38

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73	Kinetic study of the effects of calcium ions on cationic artichoke (Cynara scolymus L.) peroxidase: calcium binding, steady-state kinetics and reactions with hydrogen peroxide. Biochimie, 2004, 86, 667-676.	1.3	6
74	Tyrosinase kinetics: discrimination between two models to explain the oxidation mechanism of monophenol and diphenol substrates. International Journal of Biochemistry and Cell Biology, 2004, 36, 235-246.	1.2	68
75	Deuterium isotope effect on the oxidation of monophenols and o-diphenols by tyrosinase. Biochemical Journal, 2004, 380, 643-650.	1.7	24
76	Differential substrate behaviour of phenol and aniline derivatives during oxidation by horseradish peroxidase: kinetic evidence for a two-step mechanism. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1699, 235-243.	1.1	19
77	Enzymatic removal of phenols from aqueous solution by artichoke (Cynara scolymus L.) extracts. Enzyme and Microbial Technology, 2003, 33, 738-742.	1.6	41
78	Purification and characterization of a new cationic peroxidase from fresh flowers of Cynara scolymus L.. Journal of Inorganic Biochemistry, 2003, 94, 243-254.	1.5	29
79	Solvent deuterium isotope effect on the oxidation of o-diphenols by tyrosinase. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2003, 1650, 128-135.	1.1	18
80	Compound I Formation in Artichoke (Cynara scolymusL.) Peroxidase Is Modulated by the Equilibrium between Pentacoordinated and 6-Aquo Hexacoordinated Forms of the Heme and by Calcium Ionsâ€. Biochemistry, 2003, 42, 8799-8808.	1.2	4
81	Michaelis constants of mushroom tyrosinase with respect to oxygen in the presence of monophenols and diphenols. International Journal of Biochemistry and Cell Biology, 2002, 34, 332-336.	1.2	56
82	Kinetic characterisation of the reaction mechanism of mushroom tyrosinase on tyramine/dopamine and l-tyrosine methyl esther/l-dopa methyl esther. International Journal of Biochemistry and Cell Biology, 2002, 34, 1594-1607.	1.2	35
83	Mechanistic implications of variable stoichiometries of oxygen consumption during tyrosinase catalyzed oxidation of monophenols and o-diphenols. BBA - Proteins and Proteomics, 2002, 1597, 140-148.	2.1	17
84	Method for the determination of molar absorptivities of thiol adducts formed from diphenolic substrates of polyphenol oxidase. Analytical Biochemistry, 2002, 309, 180-185.	1.1	19
85	Unification for the Expression of the Monophenolase and Diphenolase Activities of Tyrosinase. IUBMB Life, 2002, 54, 137-141.	1.5	15
86	Analysis and interpretation of the action mechanism of mushroom tyrosinase on monophenols and diphenols generating highly unstable o-quinones. BBA - Proteins and Proteomics, 2001, 1548, 1-22.	2.1	125
87	Tyrosinase action on monophenols: evidence for direct enzymatic release of o-diphenol. BBA - Proteins and Proteomics, 2001, 1548, 238-256.	2.1	70
88	Kinetic characterization of the substrate specificity and mechanism of mushroom tyrosinase. FEBS Journal, 2000, 267, 1270-1279.	0.2	196
89	Oxidation by mushroom tyrosinase of monophenols generating slightly unstableo-quinones. FEBS Journal, 2000, 267, 5865-5878.	0.2	48
90	Kinetic study of the oxidation of 3-hydroxyanisole catalysed by tyrosinase. Biophysical Chemistry, 2000, 84, 65-76.	1.5	7

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91	Purification and Kinetic Characterization of Peroxidase from Tomato Cultivated under Different Salinity Conditions. Journal of Food Science, 2000, 65, 15-19.	1.5	4
92	Reactivity of Horseradish Peroxidase Compound II toward Substrates:Â Kinetic Evidence for a Two-Step Mechanismâ€. Biochemistry, 2000, 39, 13201-13209.	1.2	123
93	Action Mechanism of Tyrosinase on meta- and para-Hydroxylated Monophenols. Biological Chemistry, 2000, 381, 313-20.	1.2	34
94	Purification and Kinetic Characterization of an Anionic Peroxidase from Melon (Cucumis meloL.) Cultivated under Different Salinity Conditions. Journal of Agricultural and Food Chemistry, 2000, 48, 1537-1541.	2.4	44
95	Stopped-Flow and Steady-State Study of the Diphenolase Activity of Mushroom Tyrosinaseâ€. Biochemistry, 2000, 39, 10497-10506.	1.2	110
96	Thermal Inactivation of Mushroom Polyphenoloxidase Employing 2450 MHz Microwave Radiation. Journal of Agricultural and Food Chemistry, 1999, 47, 3028-3035.	2.4	40
97	Enzyme Inactivation Analysis for Industrial Blanching Applications:Â Comparison of Microwave, Conventional, and Combination Heat Treatments on Mushroom Polyphenoloxidase Activity. Journal of Agricultural and Food Chemistry, 1999, 47, 4506-4511.	2.4	78
98	Enzyme Inactivation Analyses for Industrial Blanching Applications Employing 2450 Mhz Monomode Microwave Cavities. Journal of Microwave Power and Electromagnetic Energy, 1999, 34, 239-252.	0.4	6
99	4-Hydroxyanisole: The Most Suitable Monophenolic Substrate for Determining Spectrophotometrically the Monophenolase Activity of Polyphenol Oxidase from Fruits and Vegetables. Analytical Biochemistry, 1998, 259, 118-126.	1.1	63
100	New method of evaluation of the kinetic parameters of bi-exponential enzyme-catalyzed reactions. International Journal of Biochemistry and Cell Biology, 1998, 30, 735-743.	1.2	3
101	Monophenolase and Diphenolase Reaction Mechanisms of Apple and Pear Polyphenol Oxidases. Journal of Agricultural and Food Chemistry, 1998, 46, 2968-2975.	2.4	65
102	Study of Stereospecificity in Pear and Strawberry Polyphenol Oxidases. Journal of Agricultural and Food Chemistry, 1998, 46, 2469-2473.	2.4	27
103	Study of stereospecificity in mushroom tyrosinase. Biochemical Journal, 1998, 331, 547-551.	1.7	95
104	Monophenolase Activity of Polyphenol Oxidase from Haas Avocado. Journal of Agricultural and Food Chemistry, 1997, 45, 1091-1096.	2.4	64
105	Improvement of a Continuous Spectrophotometric Method for Determining the Monophenolase and Diphenolase Activities of Mushroom Polyphenol Oxidase. Journal of Agricultural and Food Chemistry, 1997, 45, 1084-1090.	2.4	101
106	Monophenolase Activity of Polyphenol Oxidase from Artichoke Heads (Cynara scolymusL.). LWT - Food Science and Technology, 1997, 30, 819-825.	2.5	31
107	Kinetic study of the oxidation of 4â€hydroxyanisole catalyzed by tyrosinase. IUBMB Life, 1997, 41, 1265-1276.	1.5	5
108	Monophenolase activity of polyphenol oxidase from blanquilla pear. Phytochemistry, 1997, 44, 17-22.	1.4	40

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109	Monophenolase activity of strawberry polyphenol oxidase. Phytochemistry, 1997, 45, 667-670.	1.4	37
110	Continuous Spectrophotometric Method for Determining Monophenolase and Diphenolase Activities of Pear Polyphenoloxidase. Journal of Food Science, 1996, 61, 1177-1182.	1.5	48
111	A Continuous Spectrophotometric Method for Determining the Monophenolase and Diphenolase Activities of Apple Polyphenol Oxidase. Analytical Biochemistry, 1995, 231, 237-246.	1.1	120
112	Monophenolase activity of polyphenol oxidase from Verdedoncella apple. Journal of Agricultural and Food Chemistry, 1995, 43, 2807-2812.	2.4	67
113	The effect of pH on the suicide inactivation of frog epidermis tyrosinase. BBA - Proteins and Proteomics, 1994, 1205, 282-288.	2.1	10
114	Experimental approach to the kinetic study of unstable site-directed irreversible inhibitors: kinetic origin of the apparent positive co-operativity arising from inactivation of trypsin by p-amidinophenylmethanesulphonyl fluoride. Biochemical Journal, 1994, 299, 29-35.	1.7	4
115	Kinetic characterization of a model for zymogen activation: An experimental design and kinetic data analysis. Journal of Molecular Catalysis, 1993, 79, 347-363.	1.2	10
116	A Kinetic Study of Simultaneous Suicide Inactivation and Irreversible Inhibition of An Enzyme. Application to 1-Aminocyclopropane-1-Carboxylate (Acc) Synthase Inactivation by its Substrate S-Adenosylmethionine. Journal of Enzyme Inhibition and Medicinal Chemistry, 1993, 7, 1-14.	0.5	3
117	Experimental Method for the Kinetic Study of Unstable and Site-Directed Irreversible Inhibitors and its Application to the Inactivation of Chymotrypsin by Phenylmethylsulfonyl Fluorid. Journal of Enzyme Inhibition and Medicinal Chemistry, 1993, 7, 175-190.	0.5	1
118	A kinetic study of the generation and decomposition of some phenothiazine free radicals formed during enzymatic oxidation of phenothiazines by peroxidase-hydrogen peroxide. Biochemical Pharmacology, 1992, 44, 889-894.	2.0	26
119	Catalytic oxidation of 2,4,5-trihydroxyphenylalanine by tyrosinase: identification and evolution of intermediates. BBA - Proteins and Proteomics, 1992, 1160, 221-228.	2.1	30
120	Determination of the molar absorptivities of phenothiazine cation radicals generated by oxidation with hydrogen peroxide/peroxidase. Analytical Biochemistry, 1992, 202, 245-248.	1.1	26
121	Analysis of a kinetic model for melanin biosynthesis pathway.. Journal of Biological Chemistry, 1992, 267, 3801-3810.	1.6	199
122	Analysis of a kinetic model for melanin biosynthesis pathway. Journal of Biological Chemistry, 1992, 267, 3801-10.	1.6	142
123	Effect of pH on the oxidation pathway of dopamine catalyzed by tyrosinase. Archives of Biochemistry and Biophysics, 1991, 288, 427-434.	1.4	57
124	Determination of hemoglobin through its peroxidase activity on chlorpromazine. Journal of Proteomics, 1991, 23, 45-52.	2.4	14
125	Computer program for the kinetic equations of enzyme reactions. The case in which more than one enzyme species is present at the onset of the reaction. Biochemical Journal, 1991, 278, 91-97.	1.7	12
126	Kinetics of the trypsinogen activation by enterokinase and/ or trypsin: Coupling of a reaction in which the trypsin acts on one of its substrates. Journal of Molecular Catalysis, 1991, 66, 409-419.	1.2	6

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127	Kinetic study on the effect of pH on the melanin biosynthesis pathway. BBA - Proteins and Proteomics, 1991, 1076, 379-386.	2.1	48
128	A continuous spectrophotometric method for the determination of diphenolase activity of tyrosinase using 3,4-dihydroxymandelic acid. Analytical Biochemistry, 1991, 195, 369-374.	1.1	21
129	Computer program for the expression of the kinetic equations of enzyme reactions as functions of the rate constants and the initial concentrations. Biochemical Journal, 1990, 270, 825-828.	1.7	19
130	Effect of pH on the oxidation pathway of Î±-methyldopa catalysed by tyrosinase. Biochemical Journal, 1990, 272, 459-463.	1.7	15
131	Transient-phase kinetics of enzyme inactivation induced by suicide substrates: enzymes involving two substrates. Journal of Molecular Catalysis, 1990, 59, 97-118.	1.2	11
132	Experimental Methods for Kinetic Study of Suicide Substrates. Journal of Enzyme Inhibition and Medicinal Chemistry, 1989, 3, 81-90.	0.5	31
133	A kinetic study of the suicide inactivation of an enzyme measured through coupling reactions. Application to the suicide inactivation of tyrosinase. Biochemical Journal, 1989, 262, 597-603.	1.7	53
134	Kinetics of a model for zymogen activation: The case of high activating enzyme concentrations. Journal of Theoretical Biology, 1988, 132, 51-59.	0.8	20
135	Kinetic study in the transient phase of the suicide inactivation of frog epidermis tyrosinase. Biophysical Chemistry, 1988, 30, 303-310.	1.5	28
136	Oxidation of 3,4-dihydroxymandelic acid catalyzed by tyrosinase. BBA - Proteins and Proteomics, 1988, 957, 158-163.	2.1	20
137	Kinetics of a general model for enzyme activation through a limited proteolysis. Mathematical Biosciences, 1987, 87, 31-45.	0.9	21
138	Kinetic Characterization of Dopamine as a Suicide Substrate of Tyrosinase. Journal of Enzyme Inhibition and Medicinal Chemistry, 1987, 2, 47-56.	0.5	30
139	L-mimosine a slow-binding inhibitor of mushroom tyrosinase. Phytochemistry, 1987, 26, 917-919.	1.4	51
140	Mechanistic origin of the kinetic cooperativity for the ATPase activity of sarcoplasmic reticulum. Journal of Bioenergetics and Biomembranes, 1987, 19, 383-396.	1.0	3
141	Kinetic study of the transient phase of a chemical reaction system coupled to an enzymatically catalyzed step. Biophysical Chemistry, 1987, 27, 15-25.	1.5	5
142	Kinetic characterization of an enzymatic irreversible inhibition measured in the presence of coupling enzymes. The inhibition of adenosine triphosphatase from sarcoplasmic reticulum by fluorescein isothiocyanate. BBA - Proteins and Proteomics, 1987, 911, 256-260.	2.1	15
143	Transient-phase kinetics of enzyme inactivation induced by suicide substrates. BBA - Proteins and Proteomics, 1987, 912, 408-416.	2.1	52
144	Kinetic study on the suicide inactivation of tyrosinase induced by catechol. BBA - Proteins and Proteomics, 1987, 912, 417-423.	2.1	70

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145	Study of Î±-methyldopa oxidation by tyrosinase. International Journal of Biochemistry & Cell Biology, 1986, 18, 39-47.	0.8	15
146	Irreversible inhibition of trypsin by tlck. A continuous method for kinetic study of irreversible enzymatic inhibitors in the presence of substrate. International Journal of Biochemistry & Cell Biology, 1986, 18, 285-288.	0.8	12
147	A kinetic study of the irreversible inhibition of an enzyme measured in the presence of coupled enzymes. Fluorescein isothiocyanate as inhibitor of the adenosinetriphosphatase activity from sarcoplasmic reticulum. BBA - Proteins and Proteomics, 1986, 869, 8-15.	2.1	11