

Francisco Solano Muñoz

List of Publications by Year in descending order

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141
papers

6,803
citations

46918

47
h-index

66788

78
g-index

146
all docs

146
docs citations

146
times ranked

5918
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypopigmenting agents: an updated review on biological, chemical and clinical aspects. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 550-571.	4.0	583
2	Tyrosinase related protein 1 (TRP1) functions as a DHICA oxidase in melanin biosynthesis.. <i>EMBO Journal</i> , 1994, 13, 5818-5825.	3.5	417
3	Melanins: Skin Pigments and Much More—Types, Structural Models, Biological Functions, and Formation Routes. <i>New Journal of Science</i> , 2014, 2014, 1-28.	1.0	334
4	New insights into the active site structure and catalytic mechanism of tyrosinase and its related proteins. <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 750-760.	1.5	251
5	Molecular Anatomy of Tyrosinase and its Related Proteins: Beyond the Histidine-Bound Metal Catalytic Center. <i>Pigment Cell & Melanoma Research</i> , 2002, 15, 162-173.	4.0	221
6	Regulation of mammalian melanogenesis I: partial purification and characterization of a dopachrome converting factor: dopachrome tautomerase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1035, 266-275.	1.1	163
7	Photoprotection and Skin Pigmentation: Melanin-Related Molecules and Some Other New Agents Obtained from Natural Sources. <i>Molecules</i> , 2020, 25, 1537.	1.7	135
8	Inhibition of melanogenesis in response to oxidative stress: transient downregulation of melanocyte differentiation markers and possible involvement of microphthalmia transcription factor. <i>Journal of Cell Science</i> , 2001, 114, 2335-2344.	1.2	128
9	Melanin and Melanin-Related Polymers as Materials with Biomedical and Biotechnological Applications—Cuttlefish Ink and Mussel Foot Proteins as Inspired Biomolecules. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1561.	1.8	126
10	The 5,6-dihydroxyindole-2-carboxylic acid (DHICA) oxidase activity of human tyrosinase. <i>Biochemical Journal</i> , 2001, 354, 131-139.	1.7	111
11	Inhibition of melanogenesis in response to oxidative stress: transient downregulation of melanocyte differentiation markers and possible involvement of microphthalmia transcription factor. <i>Journal of Cell Science</i> , 2001, 114, 2335-44.	1.2	103
12	Mechanisms of melanogenesis inhibition by tumor necrosis factor-alpha in B16/F10 mouse melanoma cells. <i>FEBS Journal</i> , 1998, 255, 139-146.	0.2	101
13	Identification of Active Site Residues Involved in Metal Cofactor Binding and Stereospecific Substrate Recognition in Mammalian Tyrosinase. Implications to the Catalytic Cycle. <i>Biochemistry</i> , 2002, 41, 679-686.	1.2	100
14	Metal Ion-mediated Agonism and Agonist Enhancement in Melanocortin MC1 and MC4 Receptors. <i>Journal of Biological Chemistry</i> , 2002, 277, 47662-47670.	1.6	98
15	Bird Integumentary Melanins: Biosynthesis, Forms, Function and Evolution. <i>International Journal of Molecular Sciences</i> , 2016, 17, 520.	1.8	98
16	A Pluripotent Polyphenol Oxidase from the Melanogenic Marine <i>Alteromonas</i> sp Shares Catalytic Capabilities of Tyrosinases and Laccases. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 787-792.	1.0	97
17	Isolation and Characterization of Strain MMB-1 (CECT 4803), a Novel Melanogenic Marine Bacterium. <i>Applied and Environmental Microbiology</i> , 1997, 63, 3499-3506.	1.4	96
18	Dimethoxyphenol oxidase activity of different microbial blue multicopper proteins. <i>FEMS Microbiology Letters</i> , 2001, 204, 175-181.	0.7	95

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19	Molecular cloning and functional characterization of a unique multipotent polyphenol oxidase from <i>Marinomonas mediterranea</i> . <i>BBA - Proteins and Proteomics</i> , 2001, 1547, 104-116.	2.1	95
20	Regulation of the final phase of mammalian melanogenesis. The role of dopachrome tautomerase and the ratio between 5,6-dihydroxyindole-2-carboxylic acid and 5,6-dihydroxyindole. <i>FEBS Journal</i> , 1992, 208, 155-163.	0.2	88
21	Tyrosinase isoenzymes in mammalian melanocytes. 1. Biochemical characterization of two melanosomal tyrosinases from B16 mouse melanoma. <i>FEBS Journal</i> , 1993, 217, 549-556.	0.2	87
22	Assays for Mammalian Tyrosinase: A Comparative Study. <i>Pigment Cell & Melanoma Research</i> , 1988, 1, 332-339.	4.0	86
23	A tyrosinase with an abnormally high tyrosine hydroxylase/dopa oxidase ratio. Role of the seventh histidine and accessibility to the active site. <i>FEBS Journal</i> , 2006, 273, 257-270.	2.2	85
24	The 5,6-dihydroxyindole-2-carboxylic acid (DHICA) oxidase activity of human tyrosinase. <i>Biochemical Journal</i> , 2001, 354, 131.	1.7	84
25	Enzyme Activity of Macrophage Migration Inhibitory Factor toward Oxidized Catecholamines. <i>Journal of Biological Chemistry</i> , 1999, 274, 3268-3271.	1.6	76
26	The role of sulfhydryl compounds in mammalian melanogenesis: the effect of cysteine and glutathione upon tyrosinase and the intermediates of the pathway. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988, 967, 296-303.	1.1	73
27	Comparative action of dopachrome tautomerase and metal ions on the rearrangement of dopachrome. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1991, 1115, 1-5.	1.1	71
28	Raman spectroscopy as a noninvasive technique for the quantification of melanins in feathers and hairs. <i>Pigment Cell and Melanoma Research</i> , 2013, 26, 917-923.	1.5	68
29	Cysteine Deprivation Promotes Eumelanogenesis in Human Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 1996, 107, 698-702.	0.3	67
30	Metal Ligand-Binding Specificities of the Tyrosinase-Related Proteins. <i>Biochemical and Biophysical Research Communications</i> , 1998, 242, 579-585.	1.0	67
31	Mutations in dopachrome tautomerase (Dct) affect eumelanin/pheomelanin synthesis, but do not affect intracellular trafficking of the mutant protein. <i>Biochemical Journal</i> , 2005, 391, 249-259.	1.7	66
32	On the Metal Cofactor in the Tyrosinase Family. <i>International Journal of Molecular Sciences</i> , 2018, 19, 633.	1.8	66
33	The evolution of eumelanin and pheomelanin traits may respond to an economy of pigments related to environmental oxidative stress. <i>Pigment Cell and Melanoma Research</i> , 2009, 22, 339-342.	1.5	65
34	Note: Studies on the phylogenetic relationships of melanogenic marine bacteria: Proposal of <i>Marinomonas mediterranea</i> sp. nov.. <i>International Journal of Systematic and Evolutionary Microbiology</i> , 1999, 49, 1241-1246.	0.8	62
35	Occurrence of Melanin Granules and Melanosynthesis in the Kidney of <i>Sparus auratus</i> . <i>Pigment Cell & Melanoma Research</i> , 1989, 2, 93-99.	4.0	60
36	The Antimicrobial Activity of Marinocine, Synthesized by <i>Marinomonas mediterranea</i> , Is Due to Hydrogen Peroxide Generated by Its Lysine Oxidase Activity. <i>Journal of Bacteriology</i> , 2006, 188, 2493-2501.	1.0	60

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37	Inhibition of enzymes involved in collagen cross-linking reduces vascular smooth muscle cell calcification. <i>FASEB Journal</i> , 2018, 32, 4459-4469.	0.2	60
38	A new spectrophotometric assay for dopachrome tautomerase. <i>Journal of Proteomics</i> , 1990, 21, 35-46.	2.4	55
39	A novel type of lysine oxidase: l-lysine- μ -oxidase. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2006, 1764, 1577-1585.	1.1	55
40	Glutathione Depletion Increases Tyrosinase Activity in Human Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 1993, 101, 871-874.	0.3	54
41	The mouse silver locus encodes a single transcript truncated by the silver mutation. <i>Mammalian Genome</i> , 1999, 10, 1168-1171.	1.0	53
42	<i>Marinomonas mediterranea</i> MMB-1 Transposon Mutagenesis: Isolation of a Multipotent Polyphenol Oxidase Mutant. <i>Journal of Bacteriology</i> , 2000, 182, 3754-3760.	1.0	53
43	Molecular mechanism for catalysis by a new zinc-enzyme, dopachrome tautomerase. <i>Biochemical Journal</i> , 1996, 313, 447-453.	1.7	52
44	Photoprotection <i>versus</i> photodamage: updating an old but still unsolved controversy about melanin. <i>Polymer International</i> , 2016, 65, 1276-1287.	1.6	52
45	Purification and partial characterization of marinocine, a new broad-spectrum antibacterial protein produced by <i>Marinomonas mediterranea</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2005, 1721, 193-203.	1.1	51
46	Regulation of mammalian melanogenesis II: the role of metal cations. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1990, 1035, 276-285.	1.1	49
47	Characterization of the Melanogenic System in <i>Vibrio cholerae</i> , ATCC 14035. <i>Pigment Cell & Melanoma Research</i> , 1995, 8, 147-152.	4.0	49
48	Specificity of dopachrome tautomerase and inhibition by carboxylated indoles. Considerations on the enzyme active site. <i>Biochemical Journal</i> , 1991, 277, 393-397.	1.7	48
49	Polyphenol Oxidase Activity Expression in <i>Ralstonia solanacearum</i> . <i>Applied and Environmental Microbiology</i> , 2005, 71, 6808-6815.	1.4	47
50	Improved Tyrosinase Activity Stains in Polyacrylamide Electrophoresis Gels. <i>Pigment Cell & Melanoma Research</i> , 1993, 6, 394-399.	4.0	46
51	Protein kinase C activation promotes cell survival in mature lymphocytes prone to apoptosis. <i>Biochemical Pharmacology</i> , 1994, 47, 667-672.	2.0	46
52	Identification of an operon involved in tyrosinase activity and melanin synthesis in <i>Marinomonas mediterranea</i> . <i>Gene</i> , 2004, 342, 179-187.	1.0	46
53	Cloning and Molecular Characterization of a SDS-Activated Tyrosinase from <i>Marinomonas mediterranea</i> . <i>Pigment Cell & Melanoma Research</i> , 2002, 15, 104-111.	4.0	45
54	The macromolecule with antimicrobial activity synthesized by <i>Pseudoalteromonas luteoviolacea</i> strains is an l-amino acid oxidase. <i>Applied Microbiology and Biotechnology</i> , 2008, 79, 925-930.	1.7	45

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55	Dopachrome Tautomerase Is a Zinc-Containing Enzyme. <i>Biochemical and Biophysical Research Communications</i> , 1994, 204, 1243-1250.	1.0	44
56	A three-dimensional model of mammalian tyrosinase active site accounting for loss of function mutations. <i>Pigment Cell & Melanoma Research</i> , 2007, 20, 394-401.	4.0	44
57	Conformation-dependent Post-translational Glycosylation of Tyrosinase. <i>Journal of Biological Chemistry</i> , 2003, 278, 15735-15743.	1.6	42
58	Î±-MSH and Other Melanogenic Activators Mediate Opposite Effects of Tyrosinase and Dopachrome Tautomerase in B16/F10 Mouse Melanoma Cells. <i>Journal of Investigative Dermatology</i> , 1992, 99, 435-439.	0.3	39
59	Metabolism and Functions of Amino Acids in the Skin. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1265, 187-199.	0.8	38
60	Betacyanin and Other Antioxidants Production During Growth of <i>Opuntia stricta</i> (Haw.) Fruits. <i>Plant Foods for Human Nutrition</i> , 2012, 67, 337-343.	1.4	37
61	Location and Catalytic Characteristics of a Multipotent Bacterial Polyphenol Oxidase. <i>Pigment Cell & Melanoma Research</i> , 1999, 12, 331-339.	4.0	35
62	New Insights on the Structure of the Mouse Silver Locus and on the Function of the Silver Protein. <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 118-124.	4.0	35
63	Involvement of a novel copper chaperone in tyrosinase activity and melanin synthesis in <i>Marinomonas mediterranea</i> . <i>Microbiology (United Kingdom)</i> , 2007, 153, 2241-2249.	0.7	35
64	Vibrational characterization of pheomelanin and trichochrome F by Raman spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 110, 55-59.	2.0	35
65	Molecular Interactions within the Melanogenic Complex: Formation of Heterodimers of Tyrosinase and TRP1 from B16 Mouse Melanoma. <i>Biochemical and Biophysical Research Communications</i> , 1998, 253, 761-767.	1.0	33
66	Neurotoxicity due to o-Quinones: Neuromelanin formation and possible mechanisms for o-Quinone detoxification. <i>Neurotoxicity Research</i> , 1999, 1, 153-169.	1.3	33
67	Melanin Chemistry and the Ecology of Stress. <i>Physiological and Biochemical Zoology</i> , 2015, 88, 352-355.	0.6	33
68	Engineering of a bacterial tyrosinase for improved catalytic efficiency towards D-tyrosine using random and site directed mutagenesis approaches. <i>Biotechnology and Bioengineering</i> , 2013, 110, 1849-1857.	1.7	32
69	Equilibrium between active and inactive forms of rat liver ornithine decarboxylase mediated by L-ornithine and salts. <i>FEBS Letters</i> , 1985, 190, 324-328.	1.3	31
70	Distribution of Extracutaneous Melanin Pigment in <i>Sparus auratus</i> , <i>Mugil cephalus</i> , and <i>Dicertranchus labrax</i> (Pisces, Teleostei). <i>Pigment Cell & Melanoma Research</i> , 1990, 3, 126-131.	4.0	31
71	Melatonin Antagonizes alpha-Melanocyte-Stimulating Hormone Enhancement of Melanogenesis in Mouse Melanoma Cells by Blocking the Hormone-Induced Accumulation of the C Locus Tyrosinase. <i>FEBS Journal</i> , 1995, 232, 257-263.	0.2	31
72	Dopachrome tautomerase decreases the binding of indolic melanogenesis intermediates to proteins. <i>BBA - Proteins and Proteomics</i> , 1994, 1204, 53-60.	2.1	30

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73	The protein encoded by the <i>Shewanella colwelliana</i> melA gene is a p-hydroxyphenylpyruvate dioxygenase. <i>FEMS Microbiology Letters</i> , 1994, 124, 179-184.	0.7	28
74	Comparative tyrosine degradation in <i>Vibrio cholerae</i> strains. The strain ATCC 14035 as a prokaryotic melanogenic model of homogentisate-releasing cell. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 1998, 119, 557-562.	0.7	27
75	Finding New Enzymes from Bacterial Physiology: A Successful Approach Illustrated by the Detection of Novel Oxidases in <i>Marinomonas mediterranea</i> . <i>Marine Drugs</i> , 2010, 8, 519-541.	2.2	27
76	An electrometric method for the determination of tyrosinase activity. <i>Biochemical Journal</i> , 1985, 229, 573-578.	1.7	26
77	Both genes in the <i>Marinomonas mediterranea</i> lodAB operon are required for the expression of the antimicrobial protein lysine oxidase. <i>Molecular Microbiology</i> , 2010, 75, 462-473.	1.2	26
78	Effect of detergents and endogenous lipids on the activity and properties of tyrosinase and its related proteins. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1995, 1243, 421-430.	1.1	23
79	Regulation of polyphenol oxidase activities and melanin synthesis in <i>Marinomonas mediterranea</i> : identification of ppoS, a gene encoding a sensor histidine kinase. The GenBank accession number for the sequence reported in this paper is AF398464. <i>Microbiology (United Kingdom)</i> , 2002, 148, 2457-2466.	0.7	23
80	The action of glycosylases on dopachrome (2-carboxy-2,3-dihydroindole-5,6-quinone) tautomerase. <i>Biochemical Journal</i> , 1992, 284, 109-113.	1.7	21
81	Quantification of Tyrosinase, TRP-1, and TRP-2 Transcripts in Human Melanocytes by Reverse Transcriptase-Competitive Multiplex PCR. Regulation by Steroid Hormones. <i>Journal of Investigative Dermatology</i> , 1998, 110, 364-367.	0.3	20
82	<i>Marinomonas mediterranea</i> is a lysogenic bacterium that synthesizes R-bodies. <i>Microbiology (United Kingdom)</i> , 2000, 144, 107-110.	0.7	20
83	LodB is required for the recombinant synthesis of the quinoprotein L-lysine- μ -oxidase from <i>Marinomonas mediterranea</i> . <i>Applied Microbiology and Biotechnology</i> , 2014, 98, 2981-2989.	1.7	19
84	Transport of L-tyrosine by B16/F10 melanoma cells: the effect of the intracellular content of other amino acids. <i>Journal of Cell Science</i> , 1990, 97, 479-485.	1.2	18
85	Levels of dopachrome tautomerase in human melanocytes cultured in vitro. <i>Melanoma Research</i> , 1994, 4, 287-291.	0.6	17
86	Quantification of Tyrosinase, TRP-1, and TRP-2 Transcripts in Human Melanocytes by Reverse Transcriptase-Competitive Multiplex PCR. Regulation by Steroid Hormones. <i>Journal of Investigative Dermatology</i> , 1998, 110, 364.	0.3	17
87	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.	1.1	16
88	Melanin formation in the inner ear is catalyzed by a new tyrosine hydroxylase kinetically and structurally different from tyrosinase. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1997, 1336, 59-72.	1.1	16
89	Deviations from Michaelis-Menten kinetics. Computation of the probabilities of obtaining complex curves from simple kinetic schemes. <i>Biochemical Journal</i> , 1981, 193, 339-352.	1.7	15
90	Kinetic study of the interaction between frog epidermis tyrosinase and chloride. <i>BBA - Proteins and Proteomics</i> , 1984, 788, 327-332.	2.1	15

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91	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
92	Effect of antibiotics and NSAIDs on cyclooxygenase-2 in the enamel mineralization. <i>Scientific Reports</i> , 2018, 8, 4132.	1.6	15
93	Tyrosinase isoenzymes in mammalian melanocytes. 2. Differential activation by alpha-melanocyte-stimulating hormone. <i>FEBS Journal</i> , 1993, 217, 541-548.	0.2	14
94	Half-lives of tyrosinase isozymes from Harding-Passey mouse melanoma. <i>Cancer Letters</i> , 1988, 38, 339-346.	3.2	13
95	Pmel17: controversial indeed but critical to melanocyte function. <i>Pigment Cell & Melanoma Research</i> , 2006, 19, 250-252.	4.0	13
96	Melanocyte stimulating hormone activation of tyrosinase in B16 mouse melanoma cells Evidence for a differential induction of two distinct isoenzymes. <i>FEBS Letters</i> , 1992, 304, 114-118.	1.3	12
97	Aggregation equilibria of tyrosinase of Harding-Passey mouse melanoma. <i>Biochemical Journal</i> , 1985, 228, 95-101.	1.7	11
98	The Amphibian Melanization Inhibiting Factor (MIF) Blocks the α -MSH Effect on Mouse Malignant Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1996, 9, 311-316.	4.0	10
99	Regulation of the Murine Silver Locus Product (gp87) by the Hypopigmenting Cytokines TGF- β 1 and TNF- α . <i>Pigment Cell & Melanoma Research</i> , 2000, 13, 120-126.	4.0	10
100	The ant <i>Lasius niger</i> is a new source of bacterial enzymes with biotechnological potential for bleaching dye. <i>Scientific Reports</i> , 2019, 9, 15217.	1.6	10
101	Unprecedented high catecholamine production causing hair pigmentation after urinary excretion in red deer. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 397-404.	2.4	10
102	The effect of hyperthermia on ornithine decarboxylase activity in different rat tissues. <i>Biochemical Pharmacology</i> , 1988, 37, 497-502.	2.0	9
103	Proteolysis with trypsin of mammalian tyrosinase isoforms from B16 mouse melanoma. <i>Archives of Biochemistry and Biophysics</i> , 1992, 297, 221-227.	1.4	9
104	Biocatalytic versatility of engineered and wild-type tyrosinase from <i>R. solanacearum</i> for the synthesis of 4-halocatechols. <i>Applied Microbiology and Biotechnology</i> , 2018, 102, 5121-5131.	1.7	9
105	Novel Bi-Factorial Strategy against <i>Candida albicans</i> Viability Using Carnosic Acid and Propolis: Synergistic Antifungal Action. <i>Microorganisms</i> , 2020, 8, 749.	1.6	9
106	Ultrastructural and biochemical analysis of epidermal xanthophores and dermal chromatophores of the teleost <i>Sparus aurata</i> . <i>Histology and Histopathology</i> , 1999, 14, 383-90.	0.5	9
107	The probability that complex enzyme kinetic curves can be caused by activators or inhibitors. <i>Biochemical Journal</i> , 1981, 195, 589-601.	1.7	8
108	Regulation of the cytosolic and melanosome-bound tyrosinase activities in harding-passey mouse melanoma. <i>International Journal of Biochemistry & Cell Biology</i> , 1985, 17, 995-1002.	0.8	7

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109	Transport of L-Tyrosine by B16/F10 Malignant Melanocytes: Characterization of the Process. <i>Pigment Cell & Melanoma Research</i> , 1990, 3, 290-296.	4.0	7
110	Effect of Penicillin-Streptomycin and Other Antibiotics on Melanogenic Parameters in Cultured B16/F10 Melanoma Cells. <i>Pigment Cell & Melanoma Research</i> , 1995, 8, 83-88.	4.0	7
111	Buthionine sulfoximine diverts the melanogenesis pathway toward the production of more soluble and degradable pigments. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014, 24, 2150-2154.	1.0	7
112	Enzymology of Melanin Formation. , 0, , 261-281.		7
113	Creatinine determination in dried urine on filter paper. <i>Clinica Chimica Acta</i> , 1983, 127, 289-293.	0.5	6
114	Biochemical characterization of the melanogenic system in the eye of adult rodents. <i>BBA - Proteins and Proteomics</i> , 1995, 1252, 217-224.	2.1	6
115	Comparison of TRPs From Murine and Human Malignant Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1997, 10, 229-235.	4.0	6
116	Synthesis and selective in vitro anti-melanoma effect of enantiomeric α -methyl- and β -ethyl-4-S-cysteaminylphenol. <i>Melanoma Research</i> , 2003, 13, 603-609.	0.6	6
117	Action of endogenous proteases on the distribution of tyrosinase isozymes in Harding-Passey mouse melanoma. <i>Cell Biochemistry and Function</i> , 1989, 7, 21-26.	1.4	5
118	Preparation of Purified Tyrosinase Devoid of Dopachrome Tautomerase From Mammalian Malignant Melanocytes. <i>Pigment Cell & Melanoma Research</i> , 1993, 6, 158-164.	4.0	5
119	A reexamination of the melanin formation assay of tyrosinase and an extension to estimate phaeomelanin formation. <i>Journal of Proteomics</i> , 1989, 19, 327-337.	2.4	4
120	Regulation of ornithine decarboxylase in B16 mouse melanoma cells: synergistic activation of melanogenesis by α -MSH and ornithine decarboxylase inhibition. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2002, 1542, 57-65.	1.9	4
121	Biosynthesis of Neuromelanin and Melanin: The Potential Involvement of Macrophage Inhibitory Factor and Dopachrome Tautomerase as Rescue Enzymes. <i>Advances in Behavioral Biology</i> , 2002, , 273-276.	0.2	4
122	The generation of non-linear solute gradients for chromatography by using only simple apparatus. <i>Biochemical Journal</i> , 1981, 193, 991-996.	1.7	3
123	Tyrosinase Isoenzymes: Two Melanosomal Tyrosinases With Different Kinetic Properties and Susceptibility to Inhibition by Calcium. <i>Pigment Cell & Melanoma Research</i> , 1994, 7, 291-297.	4.0	3
124	The DHICA Oxidase Activity of the Melanosomal Tyrosinases LEMT and HEMT. <i>Pigment Cell & Melanoma Research</i> , 1994, 7, 298-304.	4.0	3
125	Inhibition of enzyme-catalysed reactions by excess substrate. <i>Journal of Molecular Biology</i> , 1983, 169, 597-617.	2.0	2
126	Stimulation by calcium and carbamoylcholine of the ouabain-sensitive uptake of $^{86}\text{Rb}^+$ in isolated rat pancreatic acinar cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1985, 812, 561-567.	1.4	2

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127	Kinetic study of the inhibition of rat liver ornithine decarboxylase by diamines; considerations on the mechanism of interaction between enzyme and inhibitor. <i>International Journal of Biochemistry & Cell Biology</i> , 1988, 20, 463-470.	0.8	2
128	Effect of Amphotericin B on Dopachrome Tautomerase Activity and Other Melanogenic Parameters in Cultured B16/F10 Melanoma Cells. <i>Pigment Cell & Melanoma Research</i> , 1992, 5, 400-403.	4.0	2
129	A Specific Mixture of Propolis and Carnosic Acid Triggers a Strong Fungicidal Action against <i>Cryptococcus neoformans</i> . <i>Antibiotics</i> , 2021, 10, 1395.	1.5	2
130	Melanization stimulating factors in the integument of the Mugil cephalus and <i>Dicertranchus labrax</i> . <i>Histology and Histopathology</i> , 2000, 15, 1145-50.	0.5	2
131	Steady-state kinetics of thyroid peroxidase. evidence for a high degree rate equation using the f statistic. <i>International Journal of Biochemistry & Cell Biology</i> , 1983, 15, 1195-1200.	0.8	1
132	Letters to the Editor. <i>Pigment Cell & Melanoma Research</i> , 1991, 4, 255-255.	4.0	1
133	Effect of tumour-promoting phorbol ester on calcium homeostasis in human platelets. <i>International Journal of Biochemistry & Cell Biology</i> , 1991, 23, 1261-1265.	0.8	1
134	Retinal involvement of Paracoccidioidomycosis: A Case Report. <i>Tropical Medicine and Health</i> , 2012, 40, 149-153.	1.0	1
135	Unraveling the Metabolic Hallmarks for the Optimization of Protein Intake in Pre-Dialysis Chronic Kidney Disease Patients. <i>Nutrients</i> , 2022, 14, 1182.	1.7	1
136	Lack of Functional Trehalase Activity in <i>Candida parapsilosis</i> Increases Susceptibility to Itraconazole. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 371.	1.5	1
137	Non-proteolytic solubilization of bovine thyroid peroxidase: Thermodynamic parameters of the thermoinactivation. <i>International Journal of Biochemistry & Cell Biology</i> , 1983, 15, 95-103.	0.8	0
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