Celia JimÃ©nez-Cervantes

List of Publications by Year
in descending order

59 papers	2,582 citations	136950 32 h-index	189892 50 g-index
60 all docs	60 docs citations	60 times ranked	2426 citing authors

#	Article	IF	Citations
1	Mahogunin Ring Finger 1 regulates pigmentation by controlling the pH of melanosomes in melanocytes and melanoma cells. Cellular and Molecular Life Sciences, 2022, 79, 1.	5.4	6
2	Mahogunin Ring Finger 1 Is Required for Genomic Stability and Modulates the Malignant Phenotype of Melanoma Cells. Cancers, 2020, 12, 2840.	3.7	3
3	Functional characterization of a Câ€terminal splice variant of the human melanocortin 1 receptor. Experimental Dermatology, 2020, 29, 610-615.	2.9	6
4	cAMP-independent non-pigmentary actions of variant melanocortin 1 receptor: AKT-mediated activation of protective responses to oxidative DNA damage. Oncogene, 2018, 37, 3631-3646.	5.9	29
5	Functional interplay between secreted ligands and receptors in melanoma. Seminars in Cell and Developmental Biology, 2018, 78, 73-84.	5.0	16
6	Human melanocortin 1 receptor-mediated ubiquitination of nonvisual arrestins. Role of Mahogunin Ring Finger 1 E3 ligase. Biochimica Et Biophysica Acta - Molecular Cell Research, 2018, 1865, 76-94.	4.1	8
7	Sticky fingers at work: Palmitoylationâ€dependent MC1R activation. Pigment Cell and Melanoma Research, 2018, 31, 238-240.	3.3	3
8	MC1R signaling. Intracellular partners and pathophysiological implications. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 2448-2461.	3.8	85
9	Identification and functional characterization of natural human melanocortin 1 receptor mutant alleles in Pakistani population. Pigment Cell and Melanoma Research, 2015, 28, 730-735.	3.3	4
10	Functional Characterization of MC1R-TUBB3 Intergenic Splice Variants of the Human Melanocortin 1 Receptor. PLoS ONE, 2015, 10, e0144757.	2.5	14
11	<scp>MC</scp>1R, the c<scp>AMP</scp> pathway, and the response to solar <scp>UV</scp>: extending the horizon beyond pigmentation. Pigment Cell and Melanoma Research, 2014, 27, 699-720.	3.3	146
12	MC1R Is a Potent Regulator of PTEN after UV Exposure in Melanocytes. Molecular Cell, 2013, 51, 409-422.	9.7	122
13	Differential and competitive regulation of human melanocortin 1 receptor signaling by Î²-arrestin isoforms. Journal of Cell Science, 2013, 126, 3724-37.	2.0	26
14	Functional status and relationships of melanocortin 1 receptor signaling to the cAMP and extracellular signal-regulated protein kinases 1 and 2 pathways in human melanoma cells. International Journal of Biochemistry and Cell Biology, 2012, 44, 2244-2252.	2.8	24
15	Biosynthesis of hamster zona pellucida is restricted to the oocyte. Theriogenology, 2011, 75, 463-472.	2.1	6
16	Nâ€glycosylation of the human melanocortin 1 receptor: occupancy of glycosylation sequons and functional role. Pigment Cell and Melanoma Research, 2011, 24, 479-489.	3.3	15
17	Signaling from the Human Melanocortin 1 Receptor to ERK1 and ERK2 Mitogen-Activated Protein Kinases Involves Transactivation of cKIT. Molecular Endocrinology, 2011, 25, 138-156.	3.7	91
18	Mahogunin Ring Finger-1 (MGRN1) E3 Ubiquitin Ligase Inhibits Signaling from Melanocortin Receptor by Competition with Gİ±s. Journal of Biological Chemistry, 2009, 284, 31714-31725.	3.4	45

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19	Melanocortin 1 receptor mutations impact differentially on signalling to the cAMP and the ERK mitogenâ€activated protein kinase pathways. FEBS Letters, 2009, 583, 3269-3274.	2.8	47
20	Identification and functional analysis of novel variants of the human melanocortin 1 receptor found in melanoma patients. Human Mutation, 2009, 30, 811-822.	2.5	54
21	Aberrant trafficking of human melanocortin 1 receptor variants associated with red hair and skin cancer: Steadyâ€state retention of mutant forms in the proximal golgi. Journal of Cellular Physiology, 2009, 220, 640-654.	4.1	42
22	Molecular cloning and biochemical characterization of the skin tyrosinase from Rana esculenta L.. Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology, 2009, 152, 234-242.	1.6	4
23	Hamster Zona Pellucida Is Formed by Four Glycoproteins: ZP1, ZP2, ZP3, and ZP4. Journal of Proteome Research, 2009, 8, 926-941.	3.7	53
24	Mechanism of dimerization of the human melanocortin 1 receptor. Biochemical and Biophysical Research Communications, 2008, 368, 211-216.	2.1	32
25	Regulation of Human Melanocortin 1 Receptor Signaling and Trafficking by Thr-308 and Ser-316 and Its Alteration in Variant Alleles Associated with Red Hair and Skin Cancer. Journal of Biological Chemistry, 2007, 282, 3241-3251.	3.4	50
26	Dimerization of the Human Melanocortin 1 Receptor: Functional Consequences and Dominant-Negative Effects. Journal of Investigative Dermatology, 2006, 126, 172-181.	0.7	80
27	Mouse Ornithine Decarboxylase-like Gene Encodes an Antizyme Inhibitor Devoid of Ornithine and Arginine Decarboxylating Activity. Journal of Biological Chemistry, 2006, 281, 30896-30906.	3.4	55
28	Melanocortin-1 receptor structure and functional regulation. Pigment Cell & Melanoma Research, 2005, 18, 051103015727002.	3.6	265
29	Role of G Protein-Coupled Receptor Kinases in the Homologous Desensitization of the Human and Mouse Melanocortin 1 Receptors. Molecular Endocrinology, 2005, 19, 1035-1048.	3.7	36
30	The melanocortin-1 receptor carboxyl terminal pentapeptide is essential for MC1R function and expression on the cell surface. Peptides, 2005, 26, 1848-1857.	2.4	33
31	Agonist-Independent, High Constitutive Activity of the Human Melanocortin 1 Receptor. Pigment Cell & Melanoma Research, 2004, 17, 386-395.	3.6	64
32	Rate Limiting Factors in Melanocortin 1 Receptor Signalling Throughthe cAMP Pathway. Pigment Cell & Melanoma Research, 2003, 16, 540-547.	3.6	43
33	Anti-inflammatory and anti-invasive effects of Î±-melanocyte-stimulating hormone in human melanoma cells. British Journal of Cancer, 2003, 89, 2004-2015.	6.4	65
34	Loss-of-function variants of the human melanocortin-1 receptor gene in melanoma cells define structural determinants of receptor function. FEBS Journal, 2002, 269, 6133-6141.	0.2	59
35	Thr40 and Met122 are new partial loss-of-function natural mutations of the human melanocortin 1 receptor. FEBS Letters, 2001, 508, 44-48.	2.8	51
36	The 5,6-dihydroxyindole-2-carboxylic acid (DHICA) oxidase activity of human tyrosinase. Biochemical Journal, 2001, 354, 131-139.	3.7	111

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37	The 5,6-dihydroxyindole-2-carboxylic acid (DHICA) oxidase activity of human tyrosinase. Biochemical Journal, 2001, 354, 131.	3.7	84
38	The Pro162 Variant is a Loss-of-Function Mutation of the Human Melanocortin 1 Receptor Gene. Journal of Investigative Dermatology, 2001, 117, 156-158.	0.7	35
39	Regulation of the Murine Silver Locus Product (gp87) by the Hypopigmenting Cytokines TGF-Î²1 and TNF-Î±. Pigment Cell & Melanoma Research, 2000, 13, 120-126.	3.6	10
40	New Insights on the Structure of the Mouse Silver Locus and on the Function of the Silver Protein. Pigment Cell & Melanoma Research, 2000, 13, 118-124.	3.6	35
41	The mouse silver locus encodes a single transcript truncated by the silver mutation. Mammalian Genome, 1999, 10, 1168-1171.	2.2	53
42	Mechanisms of melanogenesis inhibition by tumor necrosis factorâ€Î± in B16/F10 mouse melanoma cells. FEBS Journal, 1998, 255, 139-146.	0.2	101
43	Activation by thyroid stimulating hormone of nerve growth factor-induced gene-B expression in thyrocytes in culture: relation with proliferation and specific gene expression. Biochimica Et Biophysica Acta - Molecular Cell Research, 1998, 1403, 232-244.	4.1	6
44	Molecular Interactions within the Melanogenic Complex: Formation of Heterodimers of Tyrosinase and TRP1 from B16 Mouse Melanoma. Biochemical and Biophysical Research Communications, 1998, 253, 761-767.	2.1	33
45	The Melanogenic System of Xenopus laevis.. Archives of Histology and Cytology, 1998, 61, 305-316.	0.2	52
46	Transforming Growth Factor-Î²1 Inhibits Basal Melanogenesis in B16/F10 Mouse Melanoma Cells by Increasing the Rate of Degradation of Tyrosinase and Tyrosinase-related Protein-1. Journal of Biological Chemistry, 1997, 272, 3967-3972.	3.4	70
47	Melanin formation in the inner ear is catalyzed by a new tyrosine hydroxylase kinetically and structurally different from tyrosinase. Biochimica Et Biophysica Acta - General Subjects, 1997, 1336, 59-72.	2.4	16
48	Comparison of TRPs From Murine and Human Malignant Melanocytes. Pigment Cell & Melanoma Research, 1997, 10, 229-235.	3.6	6
49	Molecular mechanism for catalysis by a new zinc-enzyme, dopachrome tautomerase. Biochemical Journal, 1996, 313, 447-453.	3.7	52
50	Induction of nerve growth factor-induced gene-B (NGFI-B) as an early event in the cyclic adenosine monophosphate response of dog thyrocytes in primary culture. Endocrinology, 1996, 137, 4691-4698.	2.8	4
51	Biochemical characterization of the melanogenic system in the eye of adult rodents. BBA - Proteins and Proteomics, 1995, 1252, 217-224.	2.1	6
52	Effect of detergents and endogenous lipids on the activity and properties of tyrosinase and its related proteins. Biochimica Et Biophysica Acta - General Subjects, 1995, 1243, 421-430.	2.4	23
53	Tyrosinase Isoenzymes: Two Melanosomal Tyrosinases With Different Kinetic Properties and Susceptibility to Inhibition by Calcium. Pigment Cell & Melanoma Research, 1994, 7, 291-297.	3.6	3
54	The DHICA Oxidase Activity of the Melanosomal Tyrosinases LEMT and HEMT. Pigment Cell & Melanoma Research, 1994, 7, 298-304.	3.6	3

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55	Dopachrome Tautomerase Is a Zinc-Containing Enzyme. Biochemical and Biophysical Research Communications, 1994, 204, 1243-1250.	2.1	44
56	Preparation of Purified Tyrosinase Devoid of Dopachrome Tautomerase From Mammalian Malignant Melanocytes. Pigment Cell & Melanoma Research, 1993, 6, 158-164.	3.6	5
57	Improved Tyrosinase Activity Stains in Polyacrylamide Electrophoresis Gels. Pigment Cell & Melanoma Research, 1993, 6, 394-399.	3.6	46
58	Tyrosinase isoenzymes in mammalian melanocytes. 2. Differential activation by alpha-melanocyte-stimulating hormone. FEBS Journal, 1993, 217, 541-548.	0.2	14
59	Tyrosinase isoenzymes in mammalian melanocytes. 1. Biochemical characterization of two melanosomal tyrosinases from B16 mouse melanoma. FEBS Journal, 1993, 217, 549-556.	0.2	87