

Caterina Missero

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

3,917
citations

136950

32
h-index

123424

61
g-index

69
all docs

69
docs citations

69
times ranked

5091
citing authors

#	ARTICLE	IF	CITATIONS
1	PAX8 mutations associated with congenital hypothyroidism caused by thyroid dysgenesis. <i>Nature Genetics</i> , 1998, 19, 83-86.	21.4	446
2	Involvement of the cell-cycle inhibitor Cip1/WAF1 and the E1A-associated p300 protein in terminal differentiation.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 5451-5455.	7.1	337
3	Cross-regulation between Notch and p63 in keratinocyte commitment to differentiation. <i>Genes and Development</i> , 2006, 20, 1028-1042.	5.9	325
4	The absence of p21Cip1/WAF1 alters keratinocyte growth and differentiation and promotes ras-tumor progression.. <i>Genes and Development</i> , 1996, 10, 3065-3075.	5.9	289
5	p63 regulates <i>Satb1</i> to control tissue-specific chromatin remodeling during development of the epidermis. <i>Journal of Cell Biology</i> , 2011, 194, 825-839.	5.2	160
6	Sonic hedgehog-induced type 3 deiodinase blocks thyroid hormone action enhancing proliferation of normal and malignant keratinocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14466-14471.	7.1	149
7	A Multicassette Gateway Vector Set for High Throughput and Comparative Analyses in <i>Ciona</i> and Vertebrate Embryos. <i>PLoS ONE</i> , 2007, 2, e916.	2.5	113
8	Identification, characterization and expression analysis of a new fibrillar collagen gene, COL27A1. <i>Matrix Biology</i> , 2003, 22, 3-14.	3.6	112
9	Transcriptional Repression of miR-34 Family Contributes to p63-Mediated Cell Cycle Progression in Epidermal Cells. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1249-1257.	0.7	111
10	fyn tyrosine kinase is involved in keratinocyte differentiation control.. <i>Genes and Development</i> , 1995, 9, 2279-2291.	5.9	107
11	Dysregulation of lipid metabolism and pathological inflammation in patients with COVID-19. <i>Scientific Reports</i> , 2021, 11, 2941.	3.3	102
12	Exome Sequence Identifies RIPK4 as the Bartsocas- Papas Syndrome Locus. <i>American Journal of Human Genetics</i> , 2012, 90, 69-75.	6.2	82
13	The DNA Glycosylase T:G Mismatch-specific Thymine DNA Glycosylase Represses Thyroid Transcription Factor-1-activated Transcription. <i>Journal of Biological Chemistry</i> , 2001, 276, 33569-33575.	3.4	73
14	An Autoregulatory Loop Directs the Tissue-Specific Expression of p63 through a Long-Range Evolutionarily Conserved Enhancer. <i>Molecular and Cellular Biology</i> , 2006, 26, 3308-3318.	2.3	73
15	Direct targets of the TRP63 transcription factor revealed by a combination of gene expression profiling and reverse engineering. <i>Genome Research</i> , 2008, 18, 939-948.	5.5	72
16	Mutant p63 causes defective expansion of ectodermal progenitor cells and impaired FGF signalling in AEC syndrome. <i>EMBO Molecular Medicine</i> , 2012, 4, 192-205.	6.9	68
17	p63 control of desmosome gene expression and adhesion is compromised in AEC syndrome. <i>Human Molecular Genetics</i> , 2013, 22, 531-543.	2.9	65
18	Escape from transforming growth factor beta control and oncogene cooperation in skin tumor development.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991, 88, 9613-9617.	7.1	64

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19	Induction of transforming growth factor beta 1 resistance by the E1A oncogene requires binding to a specific set of cellular proteins.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 3489-3493.	7.1	62
20	Molecular events involved in differentiation of thyroid follicular cells. Molecular and Cellular Endocrinology, 1998, 140, 37-43.	3.2	58
21	Multiple Ras Downstream Pathways Mediate Functional Repression of the Homeobox Gene Product TTF-1. Molecular and Cellular Biology, 2000, 20, 2783-2793.	2.3	55
22	Pore-forming and haemolytic properties of the Gardnerella vaginalis cytoiysin. Molecular Microbiology, 1993, 9, 1143-1155.	2.5	54
23	Requirement of the forkhead gene Foxe1, a target of sonic hedgehog signaling, in hair follicle morphogenesis. Human Molecular Genetics, 2004, 13, 2595-2606.	2.9	53
24	TAp63 Is Important for Cardiac Differentiation of Embryonic Stem Cells and Heart Development. Stem Cells, 2011, 29, 1672-1683.	3.2	49
25	Reciprocal interplay between thyroid hormone and microRNA-21 regulates hedgehog pathway-driven skin tumorigenesis. Journal of Clinical Investigation, 2016, 126, 2308-2320.	8.2	44
26	Insulin/IGF-1 Controls Epidermal Morphogenesis via Regulation of FoxO-Mediated p63 Inhibition. Developmental Cell, 2013, 26, 176-187.	7.0	41
27	Thyroid hormone induces progression and invasiveness of squamous cell carcinomas by promoting a ZEB-1/E-cadherin switch. Nature Communications, 2019, 10, 5410.	12.8	41
28	An Intimate Relationship between Thyroid Hormone and Skin: Regulation of Gene Expression. Frontiers in Endocrinology, 2013, 4, 104.	3.5	39
29	p63 Suppresses Non-epidermal Lineage Markers in a Bone Morphogenetic Protein-dependent Manner via Repression of Smad7. Journal of Biological Chemistry, 2009, 284, 30574-30582.	3.4	35
30	The Desmosomal Protein Desmoglein 1 Aids Recovery of Epidermal Differentiation after Acute UV Light Exposure. Journal of Investigative Dermatology, 2014, 134, 2154-2162.	0.7	35
31	Tprg, a Gene Predominantly Expressed in Skin, Is a Direct Target of the Transcription Factor p63. Journal of Investigative Dermatology, 2008, 128, 1676-1685.	0.7	34
32	p63 exerts spatio-temporal control of palatal epithelial cell fate to prevent cleft palate. PLoS Genetics, 2017, 13, e1006828.	3.5	34
33	Skin-specific expression of a truncated E1a oncoprotein binding to p105-Rb leads to abnormal hair follicle maturation without increased epidermal proliferation.. Journal of Cell Biology, 1993, 121, 1109-1120.	5.2	33
34	Concomitant activation of MEK-1 and Rac-1 increases the proliferative potential of thyroid epithelial cells, without affecting their differentiation. Oncogene, 1998, 17, 2047-2057.	5.9	32
35	Ectodysplasin regulates pattern formation in the mammalian hair coat. Genesis, 2003, 37, 30-37.	1.6	30
36	Crosstalk among p53 family members in cutaneous carcinoma. Experimental Dermatology, 2014, 23, 143-146.	2.9	30

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37	A composite enhancer regulates p63 gene expression in epidermal morphogenesis and in keratinocyte differentiation by multiple mechanisms. <i>Nucleic Acids Research</i> , 2015, 43, 862-874.	14.5	30
38	Glucocorticoid-induced Tumor Necrosis Factor Receptor Is a p21 Transcriptional Target Conferring Resistance of Keratinocytes to UV Light-induced Apoptosis. <i>Journal of Biological Chemistry</i> , 2005, 280, 37725-37731.	3.4	29
39	The Sonic Hedgehog-Induced Type 3 Deiodinase Facilitates Tumorigenesis of Basal Cell Carcinoma by Reducing Gli2 Inactivation. <i>Endocrinology</i> , 2014, 155, 2077-2088.	2.8	29
40	Protein aggregation of the p63 transcription factor underlies severe skin fragility in AEC syndrome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E906-E915.	7.1	26
41	p63-dependent and independent mechanisms of nectin-1 and nectin-4 regulation in the epidermis. <i>Experimental Dermatology</i> , 2015, 24, 114-119.	2.9	25
42	Translational implications of Th17-skewed inflammation due to genetic deficiency of a cadherin stress sensor. <i>Journal of Clinical Investigation</i> , 2022, 132, .	8.2	24
43	Regulation of parathyroid hormone-related protein gene expression in murine keratinocytes by E1A isoforms: a role for basal promoter and Ets-1 site. <i>Molecular and Cellular Endocrinology</i> , 1999, 156, 13-23.	3.2	17
44	p63 in Squamous Cell Carcinoma of the Skin: More Than a Stem Cell/Progenitor Marker. <i>Journal of Investigative Dermatology</i> , 2017, 137, 280-281.	0.7	17
45	TBX1 and Basal Cell Carcinoma: Expression and Interactions with Gli2 and Dvl2 Signaling. <i>International Journal of Molecular Sciences</i> , 2020, 21, 607.	4.1	16
46	Human skin-derived keratinocytes and fibroblasts co-cultured on 3D poly μ -caprolactone scaffold support <i>in vitro</i> HSC differentiation into T-lineage committed cells. <i>International Immunology</i> , 2013, 25, 703-714.	4.0	15
47	Isoform-Specific Roles of Mutant p63 in Human Diseases. <i>Cancers</i> , 2021, 13, 536.	3.7	15
48	Interaction of the NRF2 and p63 transcription factors promotes keratinocyte proliferation in the epidermis. <i>Nucleic Acids Research</i> , 2021, 49, 3748-3763.	14.5	15
49	Different levels of v-Ha-ras p21 expression in primary keratinocytes transformed with harvey sarcoma virus correlate with benign versus malignant behavior. <i>Molecular Carcinogenesis</i> , 1993, 7, 21-25.	2.7	14
50	Counteracting Effects of E1a Transformation on cAMP Growth Inhibition. <i>Experimental Cell Research</i> , 1993, 207, 57-61.	2.6	14
51	Embryonic stem cells as an ectodermal cellular model of human p63-related dysplasia syndromes. <i>Biochemical and Biophysical Research Communications</i> , 2010, 395, 131-135.	2.1	14
52	Improvement of epidermal covering on AEC patients with severe skin erosions by PRIMA-1MET/APR-246. <i>Cell Death and Disease</i> , 2020, 11, 30.	6.3	12
53	Research Techniques Made Simple: Identification and Characterization of Long Noncoding RNA in Dermatological Research. <i>Journal of Investigative Dermatology</i> , 2017, 137, e21-e26.	0.7	10
54	Epidermal cell junctions and their regulation by p63 in health and disease. <i>Cell and Tissue Research</i> , 2015, 360, 513-528.	2.9	9

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55	The protein kinase p38 $\hat{\pm}$ destabilizes p63 to limit epidermal stem cell frequency and tumorigenic potential. <i>Science Signaling</i> , 2018, 11, .	3.6	7
56	The E1a gene prevents inhibition of keratinocyte proliferation by dexamethasone. <i>Experimental Cell Research</i> , 1992, 203, 285-288.	2.6	6
57	The genetic evolution of skin squamous cell carcinoma: tumor suppressor identity matters. <i>Experimental Dermatology</i> , 2016, 25, 863-864.	2.9	6
58	Immediate early genes induced by H-Ras in thyroid cells. <i>Oncogene</i> , 2001, 20, 2281-2290.	5.9	5
59	Research Techniques Made Simple: Skin Carcinogenesis Models: Xenotransplantation Techniques. <i>Journal of Investigative Dermatology</i> , 2016, 136, e13-e17.	0.7	4
60	The Molecular Basis of Skin Carcinogenesis. , 2002, , 407-425.		3
61	Isolation and Enrichment of Newborn and Adult Skin Stem Cells of the Interfollicular Epidermis. <i>Methods in Molecular Biology</i> , 2018, 1879, 119-132.	0.9	3
62	Functional and Mechanistic Insights into the Pathogenesis of P63-Associated Disorders. <i>Journal of Investigative Dermatology Symposium Proceedings</i> , 2018, 19, S98-S100.	0.8	3
63	A TP63 Mutation Causes Prominent Alopecia with Mild Ectodermal Dysplasia. <i>Journal of Investigative Dermatology</i> , 2020, 140, 1103-1106.e4.	0.7	2
64	Positive selection in Europeans and East-Asians at the ABCA12 gene. <i>Scientific Reports</i> , 2019, 9, 4843.	3.3	1
65	Flash forward genetics: new twists in transcription across evolutionary boundaries. <i>EMBO Reports</i> , 2021, 22, e52152.	4.5	1