Massimiliano Agostini

List of Publications by Year
in descending order

70	5,832	87888 38	88630 70
papers	citations	h-index	g-index

72	72	72	9932
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Serine and glycine metabolism in cancer. Trends in Biochemical Sciences, 2014, 39, 191-198.	7.5	801
2	Zinc-finger proteins in health and disease. Cell Death Discovery, 2017, 3, 17071.	4.7	489
3	Frontline: GITR, a member of the TNF receptor superfamily, is costimulatory to mouse T lymphocyte subpopulations. European Journal of Immunology, 2004, 34, 613-622.	2.9	320
4	Loss of p63 and its microRNA-205 target results in enhanced cell migration and metastasis in prostate cancer. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 15312-15317.	7.1	251
5	miR-34: from bench to bedside. Oncotarget, 2014, 5, 872-881.	1.8	229
6	Metabolic reprogramming during neuronal differentiation. Cell Death and Differentiation, 2016, 23, 1502-1514.	11.2	193
7	microRNA-34a regulates neurite outgrowth, spinal morphology, and function. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21099-21104.	7.1	175
8	miR-146a is modulated in human endothelial cell with aging. Atherosclerosis, 2011, 217, 326-330.	0.8	168
9	Neuronal differentiation by TAp73 is mediated by microRNA-34a regulation of synaptic protein targets. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 21093-21098.	7.1	168
10	GILZ mediates the antiproliferative activity of glucocorticoids by negative regulation of Ras signaling. Journal of Clinical Investigation, 2007, 117, 1605-1615.	8.2	140
11	Metabolic effects of TiO2 nanoparticles, a common component of sunscreens and cosmetics, on human keratinocytes. Cell Death and Disease, 2013, 4, e549-e549.	6.3	134
12	p73 in Cancer. Genes and Cancer, 2011, 2, 491-502.	1.9	124
13	Glucocorticoid-Induced Leucine Zipper Is Protective in Th1-Mediated Models of Colitis. Gastroenterology, 2009, 136, 530-541.	1.3	122
14	miR-7 and miR-214 are specifically expressed during neuroblastoma differentiation, cortical development and embryonic stem cells differentiation, and control neurite outgrowth in vitro. Biochemical and Biophysical Research Communications, 2010, 394, 921-927.	2.1	118
15	How theTP53Family ProteinsTP63andTP73Contribute to Tumorigenesis: Regulators and Effectors. Human Mutation, 2014, 35, 702-714.	2.5	115
16	p73 regulates serine biosynthesis in cancer. Oncogene, 2014, 33, 5039-5046.	5.9	102
17	Decrease of Bcl-xL and augmentation of thymocyte apoptosis in GILZ overexpressing transgenic mice. Blood, 2004, 104, 4134-4141.	1.4	94
18	Role of glucocorticoidâ€induced TNF receptor family gene (GITR) in collagenâ€induced arthritis. FASEB Journal, 2005, 19, 1253-1265.	0.5	94

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19	Blockade of Stearoyl-CoA-desaturase 1 activity reverts resistance to cisplatin in lung cancer stem cells. Cancer Letters, 2017, 406, 93-104.	7.2	93
20	Increased GILZ expression in transgenic mice up-regulates Th-2 lymphokines. Blood, 2006, 107, 1039-1047.	1.4	91
21	TAp73 is required for spermatogenesis and the maintenance of male fertility. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 1843-1848.	7.1	89
22	Regulation of Adult Neurogenesis in Mammalian Brain. International Journal of Molecular Sciences, 2020, 21, 4869.	4.1	82
23	GLS2 is transcriptionally regulated by p73 and contributes to neuronal differentiation. Cell Cycle, 2013, 12, 3564-3573.	2.6	78
24	Silymarin suppress CD4+ T cell activation and proliferation: Effects on NF-Î¹B activity and IL-2 production. Pharmacological Research, 2010, 61, 405-409.	7.1	77
25	Differential control of TAp73 and Î”Np73 protein stability by the ring finger ubiquitin ligase PIR2. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 12877-12882.	7.1	76
26	p73 regulates autophagy and hepatocellular lipid metabolism through a transcriptional activation of the ATG5 gene. Cell Death and Differentiation, 2013, 20, 1415-1424.	11.2	74
27	p63 regulates glutaminase 2 expression. Cell Cycle, 2013, 12, 1395-1405.	2.6	72
28	Bioinformatics analysis of the serine and glycine pathway in cancer cells. Oncotarget, 2014, 5, 11004-11013.	1.8	71
29	p73 regulates maintenance of neural stem cell. Biochemical and Biophysical Research Communications, 2010, 403, 13-17.	2.1	64
30	p63 supports aerobic respiration through hexokinase II. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 11577-11582.	7.1	64
31	GITR modulates innate and adaptive mucosal immunity during the development of experimental colitis in mice. Gut, 2007, 56, 52-60.	12.1	63
32	p73: A Multifunctional Protein in Neurobiology. Molecular Neurobiology, 2011, 43, 139-146.	4.0	63
33	MicroRNAs and p63 in epithelial stemness. Cell Death and Differentiation, 2015, 22, 12-21.	11.2	63
34	Proinflammatory Role of Glucocorticoid-Induced TNF Receptor-Related Gene in Acute Lung Inflammation. Journal of Immunology, 2006, 177, 631-641.	0.8	58
35	Cell death pathology: Perspective for human diseases. Biochemical and Biophysical Research Communications, 2011, 414, 451-455.	2.1	52
36	GILZ, a glucocorticoid hormone induced gene, modulates T lymphocytes activation and death through interaction with NF-kB. Advances in Experimental Medicine and Biology, 2001, 495, 31-39.	1.6	51

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37	TAp73 knockout mice show morphological and functional nervous system defects associated with loss of p75 neurotrophin receptor. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 18952-18957.	7.1	49
38	Inhibited cell death, NF-ÎºB activity and increased IL-10 in TCR-triggered thymocytes of transgenic mice overexpressing the glucocorticoid-induced protein GILZ. International Immunopharmacology, 2006, 6, 1126-1134.	3.8	42
39	ZNF281 inhibits neuronal differentiation and is a prognostic marker for neuroblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 7356-7361.	7.1	42
40	The Glucocorticoid-Induced Tumor Necrosis Factor Receptor-Related Gene Modulates the Response to Candida albicans Infection. Infection and Immunity, 2005, 73, 7502-7508.	2.2	39
41	Genetic and pharmacological inhibition of GITRâ€GITRL interaction reduces chronic lung injury induced by bleomycin instillation. FASEB Journal, 2007, 21, 117-129.	0.5	39
42	Ageing, Neuronal Connectivity and Brain Disorders: An Unsolved Ripple Effect. Molecular Neurobiology, 2011, 43, 124-130.	4.0	38
43	Analysis of the oligomeric state and transactivation potential of TAp73Î±. Cell Death and Differentiation, 2013, 20, 1008-1016.	11.2	35
44	The role of noncoding RNAs in epithelial cancer. Cell Death Discovery, 2020, 6, 13.	4.7	34
45	Loss of p53 in mesenchymal stem cells promotes alteration of bone remodeling through negative regulation of osteoprotegerin. Cell Death and Differentiation, 2021, 28, 156-169.	11.2	34
46	ZNF750 represses breast cancer invasion via epigenetic control of prometastatic genes. Oncogene, 2020, 39, 4331-4343.	5.9	32
47	Relative expression of TAp73 and Î”Np73 isoforms. Aging, 2012, 4, 202-205.	3.1	32
48	Cloning and Expression of a Short Fas Ligand: A New Alternatively Spliced Product of the Mouse Fas Ligand Gene. Blood, 1999, 94, 3456-3467.	1.4	27
49	How Does p73 Cause Neuronal Defects?. Molecular Neurobiology, 2016, 53, 4509-4520.	4.0	25
50	Estrogen Receptor Antagonist Fulvestrant (ICI 182,780) Inhibits the Anti-Inflammatory Effect of Glucocorticoids. Molecular Pharmacology, 2007, 71, 132-144.	2.3	23
51	Metabolic pathways regulated by TAp73 in response to oxidative stress. Oncotarget, 2016, 7, 29881-29900.	1.8	22
52	The C terminus of p73 is essential for hippocampal development. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 15694-15701.	7.1	19
53	TAp73 promotes anti-senescence-anabolism not proliferation. Aging, 2014, 6, 921-930.	3.1	18
54	p73 regulates basal and starvation-induced liver metabolismin vivo. Oncotarget, 2015, 6, 33178-33190.	1.8	17

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55	The p53 Family in Brain Disease. Antioxidants and Redox Signaling, 2018, 29, 1-14.	5.4	16
56	TAp73 transcriptionally represses BNIP3 expression. Cell Cycle, 2015, 14, 2484-2493.	2.6	14
57	The GITRLâ€“GITR system alters TLR-4 expression on DC during fungal infection. Cellular Immunology, 2009, 257, 13-22.	3.0	13
58	The expression of ELOVL4, repressed by MYCN, defines neuroblastoma patients with good outcome. Oncogene, 2021, 40, 5741-5751.	5.9	13
59	p63 in tooth development. Biochemical Pharmacology, 2011, 82, 1256-1261.	4.4	12
60	The ZNF750â€“RAC1 axis as potential prognostic factor for breast cancer. Cell Death Discovery, 2020, 6, 135.	4.7	12
61	p73, miR106b, miR34a, and Itch in chronic lymphocytic leukemia. Blood, 2009, 113, 6498-6499.	1.4	11
62	Mechanism of 2-chloroadenosine toxicity to PC3 cell line. Prostate, 2006, 66, 1425-1436.	2.3	9
63	p73 Regulates Primary Cortical Neuron Metabolism: a Global Metabolic Profile. Molecular Neurobiology, 2018, 55, 3237-3250.	4.0	9
64	Rapamycin regulates biochemical metabolites. Cell Cycle, 2013, 12, 2454-2467.	2.6	8
65	Targeting lipid metabolism in cancer: neuroblastoma. Cancer and Metastasis Reviews, 2022, 41, 255-260.	5.9	8
66	Embryonic stem cells and inducible pluripotent stem cells: two faces of the same coin?. Aging, 2012, 4, 878-886.	3.1	6
67	Cytostatic Effect of the Nucleoside Analogue 2-Chloroadenosine on Human Prostate Cancer Cell Line. Current Pharmaceutical Analysis, 2005, 1, 265-272.	0.6	6
68	Sustained protein synthesis and reduced eEF2K levels in TAp73^{-/-} mice brain: a possible compensatory mechanism. Cell Cycle, 2018, 17, 2637-2643.	2.6	4
69	TAp63 regulates bone remodeling by modulating the expression of TNFRSF11B/Osteoprotegerin. Cell Cycle, 2021, 20, 2428-2441.	2.6	1
70	The p53 Family and Stem Cell Biology. , 2013, , 65-76.		0