

Massimo Gulisano

List of Publications by Citations

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72
papers

4,381
citations

31
h-index

66
g-index

76
ext. papers

4,665
ext. citations

7
avg, IF

4.58
L-index

#	Paper	IF	Citations
72	Nested expression domains of four homeobox genes in developing rostral brain. <i>Nature</i> , 1992 , 358, 687-90	50.4	707
71	A distinct Hox code for the branchial region of the vertebrate head. <i>Nature</i> , 1991 , 353, 861-4	50.4	465
70	Two vertebrate homeobox genes related to the Drosophila empty spiracles gene are expressed in the embryonic cerebral cortex. <i>EMBO Journal</i> , 1992 , 11, 2541-2550	13	352
69	Mutations in GDI1 are responsible for X-linked non-specific mental retardation. <i>Nature Genetics</i> , 1998 , 19, 134-9	36.3	277
68	Cloning and characterization of two members of the vertebrate Dlx gene family. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 2250-4	11.5	245
67	Emx1 and Emx2 show different patterns of expression during proliferation and differentiation of the developing cerebral cortex in the mouse. <i>European Journal of Neuroscience</i> , 1996 , 8, 1037-50	3.5	198
66	c-otx2 is expressed in two different phases of gastrulation and is sensitive to retinoic acid treatment in chick embryo. <i>Mechanisms of Development</i> , 1995 , 49, 49-63	1.7	179
65	A family of transmembrane proteins with homology to the MET-hepatocyte growth factor receptor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1996 , 93, 674-8	11.5	153
64	Emx and Otx homeobox genes in the developing mouse brain. <i>Journal of Neurobiology</i> , 1993 , 24, 1356-66		124
63	Activation of APE1/Ref-1 is dependent on reactive oxygen species generated after purinergic receptor stimulation by ATP. <i>Nucleic Acids Research</i> , 2005 , 33, 4379-94	20.1	108
62	Expression of connexin36 mRNA in adult rodent brain. <i>NeuroReport</i> , 2000 , 11, 1497-1502	1.7	103
61	Otx genes in brain morphogenesis. <i>Progress in Neurobiology</i> , 2001 , 64, 69-95	10.9	87
60	Conservation of Hox/ParaHox-related genes in the early development of a cnidarian. <i>Developmental Biology</i> , 2001 , 236, 89-98	3.1	85
59	Emx1 is a marker for pyramidal neurons of the cerebral cortex. <i>Cerebral Cortex</i> , 2001 , 11, 1191-8	5.1	78
58	EMX1 homeoprotein is expressed in cell nuclei of the developing cerebral cortex and in the axons of the olfactory sensory neurons. <i>Mechanisms of Development</i> , 1996 , 57, 169-80	1.7	75
57	Expression and activation of SH2/PTB-containing ShcA adaptor protein reflects the pattern of neurogenesis in the mammalian brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997 , 94, 8185-90	11.5	64
56	Disulfiram, an old drug with new potential therapeutic uses for human hematological malignancies. <i>International Journal of Cancer</i> , 2012 , 131, 2197-203	7.5	58

55	Branchial HOX gene expression and human craniofacial development. <i>Developmental Biology</i> , 1997 , 183, 49-60	3.1	53
54	Cloning and characterization of a new human Xq13 gene, encoding a putative helicase. <i>Human Molecular Genetics</i> , 1994 , 3, 1957-64	5.6	49
53	Proteasome inhibitors synergize with tumor necrosis factor-related apoptosis-induced ligand to induce anaplastic thyroid carcinoma cell death. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 1938-42	5.6	47
52	Human adipose-derived mesenchymal stem cells seeded into a collagen-hydroxyapatite scaffold promote bone augmentation after implantation in the mouse. <i>Scientific Reports</i> , 2017 , 7, 7110	4.9	45
51	The branchial Hox code and its implications for gene regulation, patterning of the nervous system and head evolution. <i>Development (Cambridge)</i> , 1991 , 113, 63-77	6.6	44
50	Cx36 is dynamically expressed during early development of mouse brain and nervous system. <i>NeuroReport</i> , 2000 , 11, 3823-8	1.7	43
49	Dynamic domains of gene expression in the early avian forebrain. <i>Developmental Biology</i> , 2001 , 236, 76-88	3.1	42
48	Combination of Collagen-Based Scaffold and Bioactive Factors Induces Adipose-Derived Mesenchymal Stem Cells Chondrogenic Differentiation. <i>Frontiers in Physiology</i> , 2017 , 8, 50	4.6	37
47	Bone augmentation after ectopic implantation of a cell-free collagen-hydroxyapatite scaffold in the mouse. <i>Scientific Reports</i> , 2016 , 6, 36399	4.9	36
46	Tangential migration of cells from the basal to the dorsal telencephalic regions in the chick. <i>European Journal of Neuroscience</i> , 2003 , 18, 3388-93	3.5	35
45	Isolation and mapping of EVX1, a human homeobox gene homologous to even-skipped, localized at the 5' end of HOX1 locus on chromosome 7. <i>Nucleic Acids Research</i> , 1991 , 19, 6541-5	20.1	34
44	Vascular endothelial growth factor messenger ribonucleic acid expression in human ovarian and endometrial cancer. <i>Gynecological Endocrinology</i> , 1996 , 10, 375-82	2.4	32
43	Lyoprotected nanosphere formulations for paclitaxel controlled delivery. <i>Journal of Nanoscience and Nanotechnology</i> , 2006 , 6, 3118-25	1.3	32
42	Otx genes and the genetic control of brain morphogenesis. <i>Molecular and Cellular Neurosciences</i> , 1999 , 13, 1-8	4.8	31
41	Connexins in the Central Nervous System: Physiological Traits and Neuroprotective Targets. <i>Frontiers in Physiology</i> , 2017 , 8, 1060	4.6	29
40	Genetic and molecular roles of Otx homeodomain proteins in head development. <i>Gene</i> , 2000 , 246, 23-35	3.8	29
39	MicroRNA and pediatric tumors: Future perspectives. <i>Acta Histochemica</i> , 2015 , 117, 339-54	2	28
38	Paclitaxel loading in PLGA nanospheres affected the in vitro drug cell accumulation and antiproliferative activity. <i>BMC Cancer</i> , 2008 , 8, 212	4.8	26

37	Genomic organization and chromosomal localization of the mouse Connexin36 (mCx36) gene. <i>Gene</i> , 2000 , 251, 123-30	3.8	25
36	Antitumor activity of bortezomib alone and in combination with TRAIL in human acute myeloid leukemia. <i>Acta Haematologica</i> , 2008 , 120, 19-30	2.7	24
35	Resistance of papillary thyroid cancer stem cells to chemotherapy. <i>Oncology Letters</i> , 2016 , 12, 687-691	2.6	22
34	Evaluation of Biocompatibility and Chondrogenic Potential of a Cell-Free Collagen-Based Scaffold. <i>Frontiers in Physiology</i> , 2017 , 8, 984	4.6	20
33	Neuromuscular Plasticity in a Mouse Neurotoxic Model of Spinal Motoneuronal Loss. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	17
32	TDP-43 as a Modulator of Synaptic Plasticity in a Mouse Model of Spinal Motoneuron Degeneration. <i>CNS and Neurological Disorders - Drug Targets</i> , 2015 , 14, 55-60	2.6	17
31	cDNA sequence, map, and expression of the murine homolog of GTBP, a DNA mismatch repair gene. <i>Genomics</i> , 1996 , 36, 288-95	4.3	17
30	Involvement of brain-derived neurotrophic factor and sonic hedgehog in the spinal cord plasticity after neurotoxic partial removal of lumbar motoneurons. <i>Neuroscience Research</i> , 2012 , 73, 238-47	2.9	16
29	Clobetasol Modulates Adult Neural Stem Cell Growth via Canonical Hedgehog Pathway Activation. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	15
28	CD200 expression in patients with Multiple Myeloma: another piece of the puzzle. <i>Leukemia Research</i> , 2013 , 37, 1616-21	2.7	15
27	Neocortical neurons: where do they come from?. <i>Science</i> , 1997 , 278, 402-3	33.3	15
26	Noggin and Sonic hedgehog are involved in compensatory changes within the motoneuron-depleted mouse spinal cord. <i>Journal of the Neurological Sciences</i> , 2013 , 332, 102-9	3.2	14
25	Expression of cell fate determinants and plastic changes after neurotoxic lesion of adult mice spinal cord by cholera toxin-B saporin. <i>European Journal of Neuroscience</i> , 2010 , 31, 1423-34	3.5	14
24	NF-B localization in multiple myeloma plasma cells and mesenchymal cells. <i>Leukemia Research</i> , 2011 , 35, 52-60	2.7	14
23	Cytoprotective effect of copper(II) complexes against ethanol-induced damage to rat gastric mucosa. <i>Journal of Inorganic Biochemistry</i> , 1992 , 45, 245-59	4.2	13
22	Increased phospho-mTOR expression in megakaryocytic cells derived from CD34+ progenitors of essential thrombocythaemia and myelofibrosis patients. <i>British Journal of Haematology</i> , 2012 , 159, 237-40	4.5	12
21	Functional interaction between p75NTR and TrkA: the endocytic trafficking of p75NTR is driven by TrkA and regulates TrkA-mediated signalling. <i>Biochemical Journal</i> , 2005 , 385, 233-41	3.8	12
20	Microfluidics as a Novel Tool for Biological and Toxicological Assays in Drug Discovery Processes: Focus on Microchip Electrophoresis. <i>Micromachines</i> , 2020 , 11,	3.3	11

19	Novel Mechanisms of Spinal Cord Plasticity in a Mouse Model of Motoneuron Disease. <i>BioMed Research International</i> , 2015 , 2015, 654637	3	8
18	Gene expression analysis of PTEN positive glioblastoma stem cells identifies DUB3 and Wee1 modulation in a cell differentiation model. <i>PLoS ONE</i> , 2013 , 8, e81432	3.7	8
17	Emx and Otx gene expression in the developing mouse brain. <i>Novartis Foundation Symposium</i> , 1995 , 193, 100-16; discussion 117-26		7
16	Synthesis and in vitro cytotoxic activity on human anaplastic thyroid cancer cells of lipoamino acid conjugates of gemcitabine. <i>Drug Development Research</i> , 2010 , 71, 294-302	5.1	6
15	Clobetasol promotes neuromuscular plasticity in mice after motoneuronal loss via sonic hedgehog signaling, immunomodulation and metabolic rebalancing. <i>Cell Death and Disease</i> , 2021 , 12, 625	9.8	6
14	Blocking the APRIL circuit enhances acute myeloid leukemia cell chemosensitivity. <i>Haematologica</i> , 2008 , 93, 1899-902	6.6	5
13	Compensatory changes in degenerating spinal motoneurons sustain functional sparing in the SOD1-G93A mouse model of amyotrophic lateral sclerosis. <i>Journal of Comparative Neurology</i> , 2020 , 528, 231-243	3.4	5
12	The PU.1 transcription factor induces cyclin D2 expression in U937 cells. <i>Leukemia</i> , 2006 , 20, 2208-10	10.7	3
11	Evaluation of proton beam radiation-induced skin injury in a murine model using a clinical SOBP. <i>PLoS ONE</i> , 2020 , 15, e0233258	3.7	3
10	Homeobox Containing Genes in the Developing Central Nervous System. <i>The Neuroradiology Journal</i> , 1993 , 6, 19-24		2
9	Sonic Hedgehog and TDP-43 Participate in the Spontaneous Locomotor Recovery in a Mouse Model of Spinal Motoneuron Disease. <i>Journal of Functional Morphology and Kinesiology</i> , 2017 , 2, 11	2.4	1
8	Disulfiram, An Old Drug with New Potential Therapeutic Uses for Human Haematological Malignancies. <i>Blood</i> , 2008 , 112, 5022-5022	2.2	1
7	Pareto Optimal Metabolic Engineering for the Growth-coupled Overproduction of Sustainable Chemicals.. <i>Biotechnology and Bioengineering</i> , 2022 ,	4.9	1
6	Signalling from tyrosine kinases in the developing neurons and glia of the mammalian brain. <i>Results and Problems in Cell Differentiation</i> , 2000 , 30, 217-40	1.4	
5	Gene Expression Analysis for the Identification of Genes Involved in Early Tumour Development 2007 , 62-68		
4	Antitumor Activity of Bortezomib Alone and in Combination with TRAIL in Human Acute Myeloid Leukemia.. <i>Blood</i> , 2007 , 110, 4307-4307	2.2	
3	Homeobox Genes in the Developing Head of Vertebrates 1995 , 275-286		
2	Potential Role of Homeobox Genes in Neural Cell Differentiation 1995 , 69-84		

- 1 NF-Kb Localization in Multiple Myeloma Plasmacells and Mesenchimal Cells. *Blood*, **2008**, 112, 5149-5149.2