

Giovanna Maria Pierantoni

List of Publications by Year in descending order

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72
papers

4,970
citations

87888

38
h-index

95266

68
g-index

80
all docs

80
docs citations

80
times ranked

7506
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (4th) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50,742 1,430	9.1	10
2	p53 Suppresses the Nrf2-dependent Transcription of Antioxidant Response Genes. Journal of Biological Chemistry, 2006, 281, 39776-39784.	3.4	290
3	Overexpression of the HMGA2 gene in transgenic mice leads to the onset of pituitary adenomas. Oncogene, 2002, 21, 3190-3198.	5.9	201
4	Neoplastic transformation of rat thyroid cells requires the junB and fra-1 gene induction which is dependent on the HMGI-C gene product. EMBO Journal, 1997, 16, 5310-5321.	7.8	137
5	Negative Regulation of BRCA1 Gene Expression by HMGA1 Proteins Accounts for the Reduced BRCA1 Protein Levels in Sporadic Breast Carcinoma. Molecular and Cellular Biology, 2003, 23, 2225-2238.	2.3	119
6	Loss of the <i>CBX7</i> Gene Expression Correlates with a Highly Malignant Phenotype in Thyroid Cancer. Cancer Research, 2008, 68, 6770-6778.	0.9	106
7	Down-Regulation of the miR-25 and miR-30d Contributes to the Development of Anaplastic Thyroid Carcinoma Targeting the Polycomb Protein EZH2. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E710-E718.	3.6	105
8	Deregulation of microRNA expression in thyroid neoplasias. Nature Reviews Endocrinology, 2014, 10, 88-101.	9.6	103
9	HMGA1 and HMGA2 protein expression in mouse spermatogenesis. Oncogene, 2002, 21, 3644-3650.	5.9	98
10	High-mobility group A1 inhibits p53 by cytoplasmic relocalization of its proapoptotic activator HIPK2. Journal of Clinical Investigation, 2007, 117, 693-702.	8.2	88
11	High mobility group I (Y) proteins bind HIPK2, a serine-threonine kinase protein which inhibits cell growth. Oncogene, 2001, 20, 6132-6141.	5.9	86
12	Critical Role of the HMGI(Y) Proteins in Adipocytic Cell Growth and Differentiation. Molecular and Cellular Biology, 2001, 21, 2485-2495.	2.3	86
13	Thyroid cell transformation requires the expression of the HMGA1 proteins. Oncogene, 2002, 21, 2971-2980.	5.9	82
14	Nrf2 Pathway in Age-Related Neurological Disorders: Insights into MicroRNAs. Cellular Physiology and Biochemistry, 2018, 47, 1951-1976.	1.6	77
15	Photodynamic and Antibiotic Therapy in Combination to Fight Biofilms and Resistant Surface Bacterial Infections. International Journal of Molecular Sciences, 2015, 16, 20417-20430.	4.1	75
16	<i>HMGA1</i> pseudogenes as candidate proto-oncogenic competitive endogenous RNAs. Oncotarget, 2014, 5, 8341-8354.	1.8	72
17	HMGA1 Protein Overexpression in Human Breast Carcinomas. Clinical Cancer Research, 2004, 10, 7637-7644.	7.0	69
18	The High Mobility Group A2 gene is amplified and overexpressed in human prolactinomas. Cancer Research, 2002, 62, 2398-405.	0.9	69

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19	High Mobility Group A1 (HMGA1) proteins interact with p53 and inhibit its apoptotic activity. <i>Cell Death and Differentiation</i> , 2006, 13, 1554-1563.	11.2	65
20	HMGA2 mRNA expression correlates with the malignant phenotype in human thyroid neoplasias. <i>European Journal of Cancer</i> , 2008, 44, 1015-1021.	2.8	61
21	HIPK2 Controls Cytokinesis and Prevents Tetraploidization by Phosphorylating Histone H2B at the Midbody. <i>Molecular Cell</i> , 2012, 47, 87-98.	9.7	58
22	The RFG oligomerization domain mediates kinase activation and re-localization of the RET/PTC3 oncoprotein to the plasma membrane. <i>Oncogene</i> , 2001, 20, 599-608.	5.9	57
23	Cloning and molecular characterization of a novel gene strongly induced by the adenovirus E1A gene in rat thyroid cells. <i>Oncogene</i> , 2003, 22, 1087-1097.	5.9	56
24	Resveratrol Couples Apoptosis with Autophagy in UVB-Irradiated HaCaT Cells. <i>PLoS ONE</i> , 2013, 8, e80728.	2.5	56
25	High-Mobility Group A1 Proteins Regulate p53-Mediated Transcription of <i>Bcl-2</i> Gene. <i>Cancer Research</i> , 2010, 70, 5379-5388.	0.9	54
26	<i>Hmga1/Hmga2</i> double knock-out mice display a "superpygmy" phenotype. <i>Biology Open</i> , 2014, 3, 372-378.	1.2	54
27	Transforming properties of <i>Felis catus</i> papillomavirus type 2 E6 and E7 putative oncogenes in vitro and their transcriptional activity in feline squamous cell carcinoma in vivo. <i>Virology</i> , 2016, 496, 1-8.	2.4	52
28	Increase in AP-1 activity is a general event in thyroid cell transformation in vitro and in vivo. <i>Oncogene</i> , 1998, 17, 377-385.	5.9	51
29	Pax8 has a critical role in epithelial cell survival and proliferation. <i>Cell Death and Disease</i> , 2013, 4, e729-e729.	6.3	50
30	RNF4 Is a Growth Inhibitor Expressed in Germ Cells but Not in Human Testicular Tumors. <i>American Journal of Pathology</i> , 2001, 159, 1225-1230.	3.8	49
31	PATZ1 interacts with p53 and regulates expression of p53-target genes enhancing apoptosis or cell survival based on the cellular context. <i>Cell Death and Disease</i> , 2013, 4, e963-e963.	6.3	49
32	Alteration of endosomal trafficking is associated with early-onset parkinsonism caused by SYNJ1 mutations. <i>Cell Death and Disease</i> , 2018, 9, 385.	6.3	48
33	The Homeodomain-Interacting Protein Kinase 2 Gene Is Expressed Late in Embryogenesis and Preferentially in Retina, Muscle, and Neural Tissues. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 942-947.	2.1	47
34	FRA-1 protein overexpression is a feature of hyperplastic and neoplastic breast disorders. <i>BMC Cancer</i> , 2007, 7, 17.	2.6	43
35	Establishment of a non-tumorigenic papillary thyroid cell line (FB-2) carrying the RET/PTC1 rearrangement. <i>International Journal of Cancer</i> , 2002, 97, 608-614.	5.1	41
36	High-mobility group A2 gene expression is frequently induced in non-functioning pituitary adenomas (NFPA), even in the absence of chromosome 12 polysomy. <i>Endocrine-Related Cancer</i> , 2005, 12, 867-874.	3.1	40

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37	Critical Role of the HMGA2 Gene in Pituitary Adenomas. <i>Cell Cycle</i> , 2006, 5, 2045-2048.	2.6	40
38	High-mobility group A1 proteins are overexpressed in human leukaemias. <i>Biochemical Journal</i> , 2003, 372, 145-150.	3.7	39
39	SOM230, A New Somatostatin Analogue, Is Highly Effective in the Therapy of Growth Hormone/Prolactin-Secreting Pituitary Adenomas. <i>Clinical Cancer Research</i> , 2007, 13, 2738-2744.	7.0	39
40	High mobility group A1 protein modulates autophagy in cancer cells. <i>Cell Death and Differentiation</i> , 2017, 24, 1948-1962.	11.2	39
41	PERK-Mediated Unfolded Protein Response Activation and Oxidative Stress in PARK20 Fibroblasts. <i>Frontiers in Neuroscience</i> , 2019, 13, 673.	2.8	38
42	PIT1 upregulation by HMGA proteins has a role in pituitary tumorigenesis. <i>Endocrine-Related Cancer</i> , 2012, 19, 123-135.	3.1	34
43	CCDC6 represses CREB1 activity by recruiting histone deacetylase 1 and protein phosphatase 1. <i>Oncogene</i> , 2010, 29, 4341-4351.	5.9	33
44	Update on the Regulation of HIPK1, HIPK2 and HIPK3 Protein Kinases by microRNAs. <i>MicroRNA (Shariqah)</i> , Tj ETQq Q 0 rgBT /Overlock : 1.2 31	1.2	31
45	HIPK2 deficiency causes chromosomal instability by cytokinesis failure and increases tumorigenicity. <i>Oncotarget</i> , 2015, 6, 10320-10334.	1.8	30
46	A truncated HMGA1 gene induces proliferation of the 3T3-L1 pre-adipocytic cells: a model of human lipomas. <i>Carcinogenesis</i> , 2003, 24, 1861-1869.	2.8	28
47	Deregulation of HMGA1 expression induces chromosome instability through regulation of spindle assembly checkpoint genes. <i>Oncotarget</i> , 2015, 6, 17342-17353.	1.8	27
48	High-mobility group A1 protein inhibits p53-mediated intrinsic apoptosis by interacting with Bcl-2 at mitochondria. <i>Cell Death and Disease</i> , 2012, 3, e383-e383.	6.3	25
49	Hmga2 is necessary for Otx2-dependent exit of embryonic stem cells from the pluripotent ground state. <i>BMC Biology</i> , 2016, 14, 24.	3.8	25
50	Fenofibrate increases the expression of high mobility group AT-hook 2 (HMGA2) gene and induces adipocyte differentiation of orbital fibroblasts from Graves' ophthalmopathy. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 133-143.	2.5	23
51	E2F1 activation is responsible for pituitary adenomas induced by HMGA2 gene overexpression. <i>Cell Division</i> , 2006, 1, 17.	2.4	23
52	HMGA1 protein is a novel target of the ATM kinase. <i>European Journal of Cancer</i> , 2008, 44, 2668-2679.	2.8	22
53	Interplay between steroid receptors and neoplastic progression in sarcoma tumors. <i>Journal of Cellular Physiology</i> , 2011, 226, 2997-3003.	4.1	22
54	Genetic ablation of homeodomain-interacting protein kinase 2 selectively induces apoptosis of cerebellar Purkinje cells during adulthood and generates an ataxic-like phenotype. <i>Cell Death and Disease</i> , 2015, 6, e2004-e2004.	6.3	21

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55	Targeted Disruption of the Murine Homeodomain-Interacting Protein Kinase-2 Causes Growth Deficiency In Vivo and Cell Cycle Arrest In Vitro. <i>DNA and Cell Biology</i> , 2009, 28, 161-167.	1.9	20
56	Effects of Long-Term Citrate Treatment in the PC3 Prostate Cancer Cell Line. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2613.	4.1	18
57	Interaction between HMGA1 and Retinoblastoma Protein Is Required for Adipocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 25993-26004.	3.4	16
58	Convergent Effects of Resveratrol and PYK2 on Prostate Cells. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1542.	4.1	16
59	Impairment of the p27kip1 function enhances thyroid carcinogenesis in TRK-T1 transgenic mice. <i>Endocrine-Related Cancer</i> , 2009, 16, 483-490.	3.1	15
60	Glix 13, a New Drug Acting on Glutamatergic Pathways in Children and Animal Models of Autism Spectrum Disorders. <i>BioMed Research International</i> , 2014, 2014, 1-5.	1.9	15
61	High-mobility-group A1 (HMGA1) proteins down-regulate the expression of the recombination activating gene 2 (RAG2). <i>Biochemical Journal</i> , 2005, 389, 91-97.	3.7	12
62	Comprehensive conventional and molecular cytogenetic characterization of B-CPAP, a human papillary thyroid carcinoma-derived cell line. <i>Cancer Genetics and Cytogenetics</i> , 2004, 151, 171-177.	1.0	9
63	Homeodomain-interacting Protein Kinase-2 Stabilizes p27kip1 by Its Phosphorylation at Serine 10 and Contributes to Cell Motility. <i>Journal of Biological Chemistry</i> , 2011, 286, 29005-29013.	3.4	9
64	<i>Hmga1</i> null mouse embryonic fibroblasts display downregulation of spindle assembly checkpoint gene expression associated to nuclear and karyotypic abnormalities. <i>Cell Cycle</i> , 2016, 15, 812-818.	2.6	9
65	Lithium chloride increases sensitivity to photon irradiation treatment in primary mesenchymal colon cancer cells. <i>Molecular Medicine Reports</i> , 2020, 21, 1501-1508.	2.4	8
66	Regulation of HIPK Proteins by MicroRNAs. <i>MicroRNA (Sharjah, United Arab Emirates)</i> , 2016, 4, 148-157.	1.2	7
67	Double knock-out of <i>Hmga1</i> and <i>Hipk2</i> genes causes perinatal death associated to respiratory distress and thyroid abnormalities in mice. <i>Cell Death and Disease</i> , 2019, 10, 747.	6.3	6
68	Phenotypic Effects of Homeodomain-Interacting Protein Kinase 2 Deletion in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8294.	4.1	6
69	High mobility group A-interacting proteins in cancer: focus on chromobox protein homolog 7, homeodomain interacting protein kinase 2 and PATZ. <i>Journal of Nucleic Acids Investigation</i> , 2012, 3, 1.	0.8	5
70	Cell-penetrating peptides: two faces of the same coin. <i>Biochemical Journal</i> , 2020, 477, 1363-1366.	3.7	2
71	Mitochondrial Malfunctioning, Proteasome Arrest and Apoptosis in Cancer Cells by Focused Intracellular Generation of Oxygen Radicals. <i>International Journal of Molecular Sciences</i> , 2015, 16, 20375-20391.	4.1	1
72	Down Syndrome Fetal Fibroblasts Display Alterations of Endosomal Trafficking Possibly due to SYNJ1 Overexpression. <i>Frontiers in Genetics</i> , 2022, 13, .	2.3	1