Giovanna Maria Pierantoni

List of Publications by Year in Descending Order

75 papers	3,423 citations	36 h-index	57 g-index
80 ext. papers	4,222 ext. citations	6.8 avg, IF	4.53 L-index

#	Paper	IF	Citations
75	Phenotypic Effects of Homeodomain-Interacting Protein Kinase 2 Deletion in Mice. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	1
74	Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*, **2021**, 17, 1-382	10.2	440
73	Lithium chloride increases sensitivity to photon irradiation treatment in primary mesenchymal colon cancer cells. *Molecular Medicine Reports*, **2020**, 21, 1501-1508	2.9	4
72	Cell-penetrating peptides: two faces of the same coin. *Biochemical Journal*, **2020**, 477, 1363-1366	3.8	1
71	Double knock-out of Hmga1 and Hipk2 genes causes perinatal death associated to respiratory distress and thyroid abnormalities in mice. *Cell Death and Disease*, **2019**, 10, 747	9.8	3
70	Effects of Long-Term Citrate Treatment in the PC3 Prostate Cancer Cell Line. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	11
69	PERK-Mediated Unfolded Protein Response Activation and Oxidative Stress in PARK20 Fibroblasts. *Frontiers in Neuroscience*, **2019**, 13, 673	5.1	23
68	Alteration of endosomal trafficking is associated with early-onset parkinsonism caused by SYNJ1 mutations. *Cell Death and Disease*, **2018**, 9, 385	9.8	31
67	Retraction: Overexpression of Proteins HMGA1 Induces Cell Cycle Deregulation and Apoptosis in Normal Rat Thyroid Cells. *Cancer Research*, **2018**, 78, 6910-6910	10.1	1
66	Retraction: High-Mobility Group A1 Proteins Regulate p53-Mediated Transcription of Gene. *Cancer Research*, **2018**, 78, 6905	10.1	
65	Retraction: Suppression of HMGA2 Protein Synthesis Could Be a Tool for the Therapy of Well Differentiated Liposarcomas Overexpressing. *Cancer Research*, **2018**, 78, 6909	10.1	1
64	Update on the Regulation of HIPK1, HIPK2 and HIPK3 Protein Kinases by microRNAs. *MicroRNA (Shariqah, United Arab Emirates)*, **2018**, 7, 178-186	2.9	17
63	Nrf2 Pathway in Age-Related Neurological Disorders: Insights into MicroRNAs. *Cellular Physiology and Biochemistry*, **2018**, 47, 1951-1976	3.9	51
62	High mobility group A1 protein modulates autophagy in cancer cells. *Cell Death and Differentiation*, **2017**, 24, 1948-1962	12.7	30
61	Hmga1 null mouse embryonic fibroblasts display downregulation of spindle assembly checkpoint gene expression associated to nuclear and karyotypic abnormalities. *Cell Cycle*, **2016**, 15, 812-8	4.7	6
60	Convergent Effects of Resveratrol and PYK2 on Prostate Cells. *International Journal of Molecular Sciences*, **2016**, 17,	6.3	14
59	Hmga2 is necessary for Otx2-dependent exit of embryonic stem cells from the pluripotent ground state. *BMC Biology*, **2016**, 14, 24	7.3	19

58	Transforming properties of Felis catus papillomavirus type 2 E6 and E7 putative oncogenes in vitro and their transcriptional activity in feline squamous cell carcinoma in vivo. *Virology*, **2016**, 496, 1-8	3.6	37
57	Mitochondrial Malfunctioning, Proteasome Arrest and Apoptosis in Cancer Cells by Focused Intracellular Generation of Oxygen Radicals. *International Journal of Molecular Sciences*, **2015**, 16, 20375-91	6.3	1
56	Photodynamic and Antibiotic Therapy in Combination to Fight Biofilms and Resistant Surface Bacterial Infections. *International Journal of Molecular Sciences*, **2015**, 16, 20417-30	6.3	56
55	Genetic ablation of homeodomain-interacting protein kinase 2 selectively induces apoptosis of cerebellar Purkinje cells during adulthood and generates an ataxic-like phenotype. *Cell Death and Disease*, **2015**, 6, e2004	9.8	12
54	HIPK2 deficiency causes chromosomal instability by cytokinesis failure and increases tumorigenicity. *Oncotarget*, **2015**, 6, 10320-34	3.3	20
53	Deregulation of HMGA1 expression induces chromosome instability through regulation of spindle assembly checkpoint genes. *Oncotarget*, **2015**, 6, 17342-53	3.3	19
52	Regulation of HIPK Proteins by MicroRNAs. *MicroRNA (Shariqah, United Arab Emirates)*, **2015**, 4, 148-57	2.9	6
51	Deregulation of microRNA expression in thyroid neoplasias. *Nature Reviews Endocrinology*, **2014**, 10, 88-101	15.2	86
50	Glix 13, a new drug acting on glutamatergic pathways in children and animal models of autism spectrum disorders. *BioMed Research International*, **2014**, 2014, 234295	3	13
49	Hmga1/Hmga2 double knock-out mice display a "superpygmy" phenotype. *Biology Open*, **2014**, 3, 372-8	2.2	39
48	HMGA1 pseudogenes as candidate proto-oncogenic competitive endogenous RNAs. *Oncotarget*, **2014**, 5, 8341-54	3.3	66
47	PATZ1 interacts with p53 and regulates expression of p53-target genes enhancing apoptosis or cell survival based on the cellular context. *Cell Death and Disease*, **2013**, 4, e963	9.8	39
46	Pax8 has a critical role in epithelial cell survival and proliferation. *Cell Death and Disease*, **2013**, 4, e729	9.8	37
45	Resveratrol couples apoptosis with autophagy in UVB-irradiated HaCaT cells. *PLoS ONE*, **2013**, 8, e80728	3.7	48
44	HIPK2 controls cytokinesis and prevents tetraploidization by phosphorylating histone H2B at the midbody. *Molecular Cell*, **2012**, 47, 87-98	17.6	47
43	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, E710-8	5.6	91
42	High mobility group A-interacting proteins in cancer: focus on chromobox protein homolog 7, homeodomain interacting protein kinase 2 and PATZ. *Journal of Nucleic Acids Investigation*, **2012**, 3, 1		5
41	PIT1 upregulation by HMGA proteins has a role in pituitary tumorigenesis. *Endocrine-Related Cancer* , **2012**, 19, 123-35	5.7	28

40	High-mobility group A1 protein inhibits p53-mediated intrinsic apoptosis by interacting with Bcl-2 at mitochondria. *Cell Death and Disease*, **2012**, 3, e383	9.8	23
39	Interplay between steroid receptors and neoplastic progression in sarcoma tumors. *Journal of Cellular Physiology*, **2011**, 226, 2997-3003	7	19
38	Homeodomain-interacting protein kinase-2 stabilizes p27(kip1) by its phosphorylation at serine 10 and contributes to cell motility. *Journal of Biological Chemistry*, **2011**, 286, 29005-29013	5.4	9
37	CCDC6 represses CREB1 activity by recruiting histone deacetylase 1 and protein phosphatase 1. *Oncogene*, **2010**, 29, 4341-51	9.2	27
36	High-mobility group A1 proteins regulate p53-mediated transcription of Bcl-2 gene. *Cancer Research*, **2010**, 70, 5379-88	10.1	50
35	Targeted disruption of the murine homeodomain-interacting protein kinase-2 causes growth deficiency in vivo and cell cycle arrest in vitro. *DNA and Cell Biology*, **2009**, 28, 161-7	3.6	16
34	Interaction between HMGA1 and retinoblastoma protein is required for adipocyte differentiation. *Journal of Biological Chemistry*, **2009**, 284, 25993-6004	5.4	14
33	Impairment of the p27kip1 function enhances thyroid carcinogenesis in TRK-T1 transgenic mice. *Endocrine-Related Cancer*, **2009**, 16, 483-90	5.7	11
32	HMGA2 mRNA expression correlates with the malignant phenotype in human thyroid neoplasias. *European Journal of Cancer*, **2008**, 44, 1015-21	7.5	58
31	HMGA1 protein is a novel target of the ATM kinase. *European Journal of Cancer*, **2008**, 44, 2668-79	7.5	19
30	Loss of the CBX7 gene expression correlates with a highly malignant phenotype in thyroid cancer. *Cancer Research*, **2008**, 68, 6770-8	10.1	91
29	Identification of new high mobility group A1 associated proteins. *Proteomics*, **2007**, 7, 3735-42	4.8	8
28	FRA-1 protein overexpression is a feature of hyperplastic and neoplastic breast disorders. *BMC Cancer*, **2007**, 7, 17	4.8	40
27	SOM230, a new somatostatin analogue, is highly effective in the therapy of growth hormone/prolactin-secreting pituitary adenomas. *Clinical Cancer Research*, **2007**, 13, 2738-44	12.9	34
26	High-mobility group A1 inhibits p53 by cytoplasmic relocalization of its proapoptotic activator HIPK2. *Journal of Clinical Investigation*, **2007**, 117, 693-702	15.9	80
25	Critical role of the HMGA2 gene in pituitary adenomas. *Cell Cycle*, **2006**, 5, 2045-8	4.7	39
24	p53 suppresses the Nrf2-dependent transcription of antioxidant response genes. *Journal of Biological Chemistry*, **2006**, 281, 39776-84	5.4	239
23	E2F1 activation is responsible for pituitary adenomas induced by HMGA2 gene overexpression. *Cell Division*, **2006**, 1, 17	2.8	22

22	High Mobility Group A1 (HMGA1) proteins interact with p53 and inhibit its apoptotic activity. *Cell Death and Differentiation*, **2006**, 13, 1554-63	12.7	59
21	High-mobility-group A1 (HMGA1) proteins down-regulate the expression of the recombination activating gene 2 (RAG2). *Biochemical Journal*, **2005**, 389, 91-7	3.8	12
20	High-mobility group A2 gene expression is frequently induced in non-functioning pituitary adenomas (NFPAs), even in the absence of chromosome 12 polysomy. *Endocrine-Related Cancer*, **2005**, 12, 867-74	5.7	35
19	HMGA1 protein overexpression in human breast carcinomas: correlation with ErbB2 expression. *Clinical Cancer Research*, **2004**, 10, 7637-44	12.9	64
18	Fenofibrate increases the expression of high mobility group AT-hook 2 (HMGA2) gene and induces adipocyte differentiation of orbital fibroblasts from GravesTophthalmopathy. *Journal of Molecular Endocrinology*, **2004**, 33, 133-43	4.5	21
17	Comprehensive conventional and molecular cytogenetic characterization of B-CPAP, a human papillary thyroid carcinoma-derived cell line. *Cancer Genetics and Cytogenetics*, **2004**, 151, 171-7		8
16	A truncated HMGA1 gene induces proliferation of the 3T3-L1 pre-adipocytic cells: a model of human lipomas. *Carcinogenesis*, **2003**, 24, 1861-9	4.6	27
15	High-mobility group A1 proteins are overexpressed in human leukaemias. *Biochemical Journal*, **2003**, 372, 145-50	3.8	36
14	Cloning and molecular characterization of a novel gene strongly induced by the adenovirus E1A gene in rat thyroid cells. *Oncogene*, **2003**, 22, 1087-97	9.2	53
13	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, 2225-38	4.8	104
12	Establishment of a non-tumorigenic papillary thyroid cell line (FB-2) carrying the RET/PTC1 rearrangement. *International Journal of Cancer*, **2002**, 97, 608-14	7.5	37
11	Thyroid cell transformation requires the expression of the HMGA1 proteins. *Oncogene*, **2002**, 21, 2971-80	9.2	77
10	Overexpression of the HMGA2 gene in transgenic mice leads to the onset of pituitary adenomas. *Oncogene*, **2002**, 21, 3190-8	9.2	181
9	HMGA1 and HMGA2 protein expression in mouse spermatogenesis. *Oncogene*, **2002**, 21, 3644-50	9.2	85
8	The homeodomain-interacting protein kinase 2 gene is expressed late in embryogenesis and preferentially in retina, muscle, and neural tissues. *Biochemical and Biophysical Research Communications*, **2002**, 290, 942-7	3.4	42
7	The High Mobility Group A2 gene is amplified and overexpressed in human prolactinomas. *Cancer Research*, **2002**, 62, 2398-405	10.1	62
6	The RFG oligomerization domain mediates kinase activation and re-localization of the RET/PTC3 oncoprotein to the plasma membrane. *Oncogene*, **2001**, 20, 599-608	9.2	51
5	High mobility group I (Y) proteins bind HIPK2, a serine-threonine kinase protein which inhibits cell growth. *Oncogene*, **2001**, 20, 6132-41	9.2	81

4	Critical role of the HMGI(Y) proteins in adipocytic cell growth and differentiation. *Molecular and Cellular Biology*, **2001**, 21, 2485-95	4.8	75
3	RNF4 is a growth inhibitor expressed in germ cells but not in human testicular tumors. *American Journal of Pathology*, **2001**, 159, 1225-30	5.8	47
2	Increase in AP-1 activity is a general event in thyroid cell transformation in vitro and in vivo. *Oncogene*, **1998**, 17, 377-85	9.2	48
1	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, 5310-21	13	113