

Monica Fedele

List of Publications by Year in descending order

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119
papers

5,930
citations

66343

42
h-index

76900

74
g-index

124
all docs

124
docs citations

124
times ranked

6415
citing authors

#	ARTICLE	IF	CITATIONS
1	Roles of HMGA proteins in cancer. <i>Nature Reviews Cancer</i> , 2007, 7, 899-910.	28.4	627
2	HMGA2 induces pituitary tumorigenesis by enhancing E2F1 activity. <i>Cancer Cell</i> , 2006, 9, 459-471.	16.8	226
3	Lack of the architectural factor HMGA1 causes insulin resistance and diabetes in humans and mice. <i>Nature Medicine</i> , 2005, 11, 765-773.	30.7	204
4	Overexpression of the HMGA2 gene in transgenic mice leads to the onset of pituitary adenomas. <i>Oncogene</i> , 2002, 21, 3190-3198.	5.9	201
5	Expression of the neoplastic phenotype by human thyroid carcinoma cell lines requires NF κ B p65 protein expression. <i>Oncogene</i> , 1997, 15, 1987-1994.	5.9	165
6	Adenovirus-mediated suppression of HMGI(Y) protein synthesis as potential therapy of human malignant neoplasias. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 4256-4261.	7.1	146
7	Proneural-Mesenchymal Transition: Phenotypic Plasticity to Acquire Multitherapy Resistance in Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2746.	4.1	138
8	Transgenic mice overexpressing the wild-type form of the HMGA1 gene develop mixed growth hormone/prolactin cell pituitary adenomas and natural killer cell lymphomas. <i>Oncogene</i> , 2005, 24, 3427-3435.	5.9	137
9	Altered MicroRNA Expression Profile in Human Pituitary GH Adenomas: Down-Regulation of miRNA Targeting HMGA1, HMGA2, and E2F1. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, E1128-E1138.	3.6	136
10	CBX7 is a tumor suppressor in mice and humans. <i>Journal of Clinical Investigation</i> , 2012, 122, 612-623.	8.2	133
11	HMGA and Cancer. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2010, 1799, 48-54.	1.9	132
12	Negative Regulation of BRCA1 Gene Expression by HMGA1 Proteins Accounts for the Reduced BRCA1 Protein Levels in Sporadic Breast Carcinoma. <i>Molecular and Cellular Biology</i> , 2003, 23, 2225-2238.	2.3	119
13	Truncated and chimeric HMGI-C genes induce neoplastic transformation of NIH3T3 murine fibroblasts. <i>Oncogene</i> , 1998, 17, 413-418.	5.9	113
14	Role of the high mobility group A proteins in human lipomas. <i>Carcinogenesis</i> , 2001, 22, 1583-1591.	2.8	110
15	HMGA Proteins Up-regulate <i>CCNB2</i> Gene in Mouse and Human Pituitary Adenomas. <i>Cancer Research</i> , 2009, 69, 1844-1850.	0.9	107
16	Haploinsufficiency of the <i>Hmga1</i> Gene Causes Cardiac Hypertrophy and Myelo-Lymphoproliferative Disorders in Mice. <i>Cancer Research</i> , 2006, 66, 2536-2543.	0.9	104
17	The Epithelial-to-Mesenchymal Transition in Breast Cancer: Focus on Basal-Like Carcinomas. <i>Cancers</i> , 2017, 9, 134.	3.7	101
18	HMGA1 and HMGA2 protein expression in mouse spermatogenesis. <i>Oncogene</i> , 2002, 21, 3644-3650.	5.9	98

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19	Phosphorylation of High-Mobility Group Protein A2 by Nek2 Kinase during the First Meiotic Division in Mouse Spermatocytes. <i>Molecular Biology of the Cell</i> , 2004, 15, 1224-1232.	2.1	97
20	Onset of natural killer cell lymphomas in transgenic mice carrying a truncated HMGI-C gene by the chronic stimulation of the IL-2 and IL-15 pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001, 98, 7970-7975.	7.1	92
21	High mobility group I (Y) proteins bind HIPK2, a serine-threonine kinase protein which inhibits cell growth. <i>Oncogene</i> , 2001, 20, 6132-6141.	5.9	86
22	Critical Role of the HMGI(Y) Proteins in Adipocytic Cell Growth and Differentiation. <i>Molecular and Cellular Biology</i> , 2001, 21, 2485-2495.	2.3	86
23	A Novel Member of the BTB/POZ Family, PATZ, Associates with the RNF4 RING Finger Protein and Acts as a Transcriptional Repressor. <i>Journal of Biological Chemistry</i> , 2000, 275, 7894-7901.	3.4	83
24	Downregulation of HMGA-targeting microRNAs has a critical role in human pituitary tumorigenesis. <i>Oncogene</i> , 2012, 31, 3857-3865.	5.9	82
25	High mobility group HMGI(Y) protein expression in human colorectal hyperplastic and neoplastic diseases. <i>International Journal of Cancer</i> , 2001, 91, 147-151.	5.1	82
26	Aptamer-mediated impairment of EGFR-integrin $\alpha 5 \beta 3$ complex inhibits vasculogenic mimicry and growth of triple-negative breast cancers. <i>Scientific Reports</i> , 2017, 7, 46659.	3.3	78
27	PATZ1 gene has a critical role in the spermatogenesis and testicular tumours. <i>Journal of Pathology</i> , 2008, 215, 39-47.	4.5	72
28	Chromobox Protein Homologue 7 Protein, with Decreased Expression in Human Carcinomas, Positively Regulates E-Cadherin Expression by Interacting with the Histone Deacetylase 2 Protein. <i>Cancer Research</i> , 2009, 69, 7079-7087.	0.9	72
29	HMGA proteins promote ATM expression and enhance cancer cell resistance to genotoxic agents. <i>Oncogene</i> , 2011, 30, 3024-3035.	5.9	71
30	HMGA1 Protein Overexpression in Human Breast Carcinomas. <i>Clinical Cancer Research</i> , 2004, 10, 7637-7644.	7.0	69
31	The High Mobility Group A2 gene is amplified and overexpressed in human prolactinomas. <i>Cancer Research</i> , 2002, 62, 2398-405.	0.9	69
32	Loss of Hmga1 gene function affects embryonic stem cell lymphohematopoietic differentiation. <i>FASEB Journal</i> , 2003, 17, 1-27.	0.5	63
33	The Epithelial-Mesenchymal Transition at the Crossroads between Metabolism and Tumor Progression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 800.	4.1	59
34	HMGA2: A pituitary tumour subtype-specific oncogene?. <i>Molecular and Cellular Endocrinology</i> , 2010, 326, 19-24.	3.2	58
35	Detection of high-mobility group proteins A1 and A2 represents a valid diagnostic marker in post-pubertal testicular germ cell tumours. <i>Journal of Pathology</i> , 2008, 214, 58-64.	4.5	57
36	<i>Hmga1/Hmga2</i> double knock-out mice display a "superpygmy" phenotype. <i>Biology Open</i> , 2014, 3, 372-378.	1.2	54

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37	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
38	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
39	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
40	Aptamer targeting EGFRvIII mutant hampers its constitutive autophosphorylation and affects migration, invasion and proliferation of glioblastoma cells. <i>Oncotarget</i> , 2015, 6, 37570-37587.	1.8	49
41	Targeted imaging and inhibition of triple-negative breast cancer metastases by a PDGFR β aptamer. <i>Theranostics</i> , 2018, 8, 5178-5199.	10.0	48
42	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
43	Optimizing cisplatin delivery to triple-negative breast cancer through novel EGFR aptamer-conjugated polymeric nanovectors. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 239.	8.6	47
44	Identification of the Genes Up- and Down-Regulated by the High Mobility Group A1 (HMGA1) Proteins. <i>Cancer Research</i> , 2004, 64, 5728-5735.	0.9	46
45	Regulation of microRNA expression by HMGA1 proteins. <i>Oncogene</i> , 2009, 28, 1432-1442.	5.9	44
46	PATZ1 acts as a tumor suppressor in thyroid cancer via targeting p53-dependent genes involved in EMT and cell migration. <i>Oncotarget</i> , 2015, 6, 5310-5323.	1.8	44
47	Translational regulation of a novel testis-specific RNF4 transcript. <i>Molecular Reproduction and Development</i> , 2003, 66, 1-7.	2.0	43
48	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
49	The HMGA1-IGF-I/IGFBP System: A Novel Pathway for Modulating Glucose Uptake. <i>Molecular Endocrinology</i> , 2012, 26, 1578-1589.	3.7	41
50	Critical Role of the HMGA2 Gene in Pituitary Adenomas. <i>Cell Cycle</i> , 2006, 5, 2045-2048.	2.6	40
51	High-mobility group A1 proteins are overexpressed in human leukaemias. <i>Biochemical Journal</i> , 2003, 372, 145-150.	3.7	39
52	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
53	Aptamer targeted therapy potentiates immune checkpoint blockade in triple-negative breast cancer. <i>Journal of Experimental and Clinical Cancer Research</i> , 2020, 39, 180.	8.6	38
54	A polymorphism of HMGA1 protects against proliferative diabetic retinopathy by impairing HMGA1-induced VEGFA expression. <i>Scientific Reports</i> , 2016, 6, 39429.	3.3	36

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55	TNBC Challenge: Oligonucleotide Aptamers for New Imaging and Therapy Modalities. <i>Pharmaceuticals</i> , 2018, 11, 123.	3.8	36
56	PIT1 upregulation by HMGA proteins has a role in pituitary tumorigenesis. <i>Endocrine-Related Cancer</i> , 2012, 19, 123-135.	3.1	34
57	PATZ Attenuates the RNF4-mediated Enhancement of Androgen Receptor-dependent Transcription. <i>Journal of Biological Chemistry</i> , 2002, 277, 3280-3285.	3.4	33
58	Oligonucleotide aptamers against tyrosine kinase receptors: Prospect for anticancer applications. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2018, 1869, 263-277.	7.4	33
59	PATZ1 is a new prognostic marker of glioblastoma associated with the stem-like phenotype and enriched in the proneural subtype. <i>Oncotarget</i> , 2017, 8, 59282-59300.	1.8	30
60	HMGA1 protein expression sensitizes cells to cisplatin-induced cell death. <i>Oncogene</i> , 2005, 24, 6809-6819.	5.9	29
61	Tumor suppressor activity of CBX7 in lung carcinogenesis. <i>Cell Cycle</i> , 2012, 11, 1888-1891.	2.6	29
62	Embryonic defects and growth alteration in mice with homozygous disruption of the <i>Patz1</i> gene. <i>Journal of Cellular Physiology</i> , 2013, 228, 646-653.	4.1	29
63	Identification and Characterization of a Novel RING-Finger Gene (RNF4) Mapping at 4p16.3. <i>Genomics</i> , 1998, 47, 258-265.	2.9	28
64	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
65	Role of the high mobility group A proteins in the regulation of pituitary cell cycle. <i>Journal of Molecular Endocrinology</i> , 2010, 44, 309-318.	2.5	28
66	Epithelial-Mesenchymal Transition (EMT) 2021. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5848.	4.1	28
67	Complementary actions of dopamine D2 receptor agonist and anti-VEGF therapy on tumoral vessel normalization in a transgenic mouse model. <i>International Journal of Cancer</i> , 2017, 140, 2150-2161.	5.1	25
68	The POZ/BTB and AT-Hook Containing Zinc Finger 1 (PATZ1) Transcription Regulator: Physiological Functions and Disease Involvement. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2524.	4.1	25
69	Selective Photo-Assisted Eradication of Triple-Negative Breast Cancer Cells through Aptamer Decoration of Doped Conjugated Polymer Nanoparticles. <i>Pharmaceutics</i> , 2022, 14, 626.	4.5	24
70	E2F1 activation is responsible for pituitary adenomas induced by HMGA2 gene overexpression. <i>Cell Division</i> , 2006, 1, 17.	2.4	23
71	HMGA1 protein is a novel target of the ATM kinase. <i>European Journal of Cancer</i> , 2008, 44, 2668-2679.	2.8	22
72	The dosage of Patz1 modulates reprogramming process. <i>Scientific Reports</i> , 2014, 4, 7519.	3.3	20

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73	Novel Aptamers Selected on Living Cells for Specific Recognition of Triple-Negative Breast Cancer. <i>IScience</i> , 2020, 23, 100979.	4.1	19
74	<i>CBX7</i> gene expression plays a negative role in adipocyte cell growth and differentiation. <i>Biology Open</i> , 2014, 3, 871-879.	1.2	17
75	Trabectedin modulates the senescence-associated secretory phenotype and promotes cell death in senescent tumor cells by targeting NF- κ B. <i>Oncotarget</i> , 2018, 9, 19929-19944.	1.8	17
76	Profiling Cancer Cells by Cell-SELEX: Use of Aptamers for Discovery of Actionable Biomarkers and Therapeutic Applications Thereof. <i>Pharmaceutics</i> , 2022, 14, 28.	4.5	17
77	Interaction between HMGA1 and Retinoblastoma Protein Is Required for Adipocyte Differentiation. <i>Journal of Biological Chemistry</i> , 2009, 284, 25993-26004.	3.4	16
78	POZ-, AT-hook-, and Zinc Finger-containing Protein (PATZ) Interacts with Human Oncogene B Cell Lymphoma 6 (BCL6) and Is Required for Its Negative Autoregulation. <i>Journal of Biological Chemistry</i> , 2012, 287, 18308-18319.	3.4	16
79	Impairment of the p27 ^{kip1} function enhances thyroid carcinogenesis in TRK-T1 transgenic mice. <i>Endocrine-Related Cancer</i> , 2009, 16, 483-490.	3.1	15
80	IFN- γ gene expression is controlled by the architectural transcription factor HMGA1. <i>International Immunology</i> , 2005, 17, 297-306.	4.0	13
81	Involvement of the HMGI(Y) gene in a microfollicular adenoma of the thyroid. <i>Genes Chromosomes and Cancer</i> , 1999, 24, 286-289.	2.8	12
82	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
83	B-RAF mutations are a rare event in pituitary adenomas. <i>Journal of Endocrinological Investigation</i> , 2007, 30, RC1-RC3.	3.3	12
84	PATZ1 expression correlates positively with BAX and negatively with BCL6 and survival in human diffuse large B cell lymphomas. <i>Oncotarget</i> , 2016, 7, 59158-59172.	1.8	12
85	The Mia/Cd-rap gene expression is downregulated by the high-mobility group A proteins in mouse pituitary adenomas. <i>Endocrine-Related Cancer</i> , 2007, 14, 875-886.	3.1	11
86	PATZ1 is a target of miR-29b that is induced by Ha-Ras oncogene in rat thyroid cells. <i>Scientific Reports</i> , 2016, 6, 25268.	3.3	11
87	HMGA2 cooperates with either p27 ^{kip1} deficiency or Cdk4 ^{R24C} mutation in pituitary tumorigenesis. <i>Cell Cycle</i> , 2018, 17, 580-588.	2.6	11
88	PATZ1 Is Overexpressed in Pediatric Glial Tumors and Correlates with Worse Event-Free Survival in High-grade Gliomas. <i>Cancers</i> , 2019, 11, 1537.	3.7	9
89	High mobility group HMGI(Y) protein expression in human colorectal hyperplastic and neoplastic diseases. <i>International Journal of Cancer</i> , 2001, 91, 147-151.	5.1	7
90	Hmga1 null mice are less susceptible to chemically induced skin carcinogenesis. <i>European Journal of Cancer</i> , 2008, 44, 318-325.	2.8	7

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91	Transcriptional and post-transcriptional regulation of transmembrane protein 132A. <i>Molecular and Cellular Biochemistry</i> , 2015, 405, 291-299.	3.1	7
92	Loss of One or Two PATZ1 Alleles Has a Critical Role in the Progression of Thyroid Carcinomas Induced by the RET/PTC1 Oncogene. <i>Cancers</i> , 2018, 10, 92.	3.7	7
93	Optimization of Short RNA Aptamers for TNBC Cell Targeting. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3511.	4.1	7
94	Dual Oncogenic/Anti-Oncogenic Role of PATZ1 in FRTL5 Rat Thyroid Cells Transformed by the Ha-RasV12 Oncogene. <i>Genes</i> , 2019, 10, 127.	2.4	6
95	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
96	Aptamers and antibodies: rivals or allies in cancer targeted therapy?. <i>Exploration of Targeted Anti-tumor Therapy</i> , 0, , .	0.8	5
97	The Transcription Regulator Patz1 Is Essential for Neural Stem Cell Maintenance and Proliferation. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 657149.	3.7	5
98	Thymosin β -10 gene expression as a possible tool in diagnosis of thyroid neoplasias. <i>Oncology Reports</i> , 0, , .	2.6	5
99	Animal Models of Human Pathology. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-1.	3.0	4
100	The Tumor Suppressive Role of PATZ1 in Thyroid Cancer: A Matter of Epithelial-Mesenchymal Transition. <i>Chemotherapy</i> , 2016, 05, .	0.0	4
101	Animal Models of Human Pathology 2012. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-2.	3.0	2
102	Metabolic Reprogramming in Thyroid Cancer: Role of the Epithelial-Mesenchymal Transition. <i>Endocrines</i> , 2021, 2, 427-438.	1.0	2
103	The Genetics of Pituitary Adenomas. , 0, , .		1
104	Animal Models of Human Pathology 2013. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	0
105	Animal Models of Human Pathology 2014. <i>BioMed Research International</i> , 2015, 2015, 1-2.	1.9	0
106	Animal Models of Human Pathology 2016. <i>BioMed Research International</i> , 2016, 2016, 1-2.	1.9	0
107	PATZ1 is a new prognostic marker of diffuse large B cell lymphomas. <i>European Journal of Cancer</i> , 2016, 61, S185-S186.	2.8	0
108	Oligonucleotide aptamers as innovative therapeutic tools for triple-negative breast cancers. <i>European Journal of Cancer</i> , 2016, 61, S117.	2.8	0

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109	Molecular and cellular mechanisms in recurrent glioblastoma chemoresistance. , 2021, , 365-400.		0
110	Pituitary Tumors: New Insights into Molecular Features, Diagnosis and Therapeutic Targeting. Cancers, 2021, 13, 1697.	3.7	0
111	Pituitary Adenoma: Role of HMGA Proteins. , 2013, , 161-168.		0
112	MicroRNAs in pituitary tumours. Endocrine Abstracts, 0, , .	0.0	0
113	Targeting ofPATZ1by miR-29b is a downstream effect of oncogenic Ras signalling in thyroid cells. Endocrine Abstracts, 0, , .	0.0	0
114	PATZ1 downregulation promotes proliferation and migration in Ras-driven thyroid transformation. Endocrine Abstracts, 0, , .	0.0	0
115	Abstract 5256: Toward biomarkers discovery: Profiling triple-negative breast cancer cells by cell-SELEX. , 2020, , .		0
116	Novel Aptamers Selected on Living Cells for Specific Recognition of Triple-Negative Breast Cancer. SSRN Electronic Journal, 0, , .	0.4	0
117	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.	0.8	0
118	Animal Models of Human Pathology 2020. BioMed Research International, 2022, 2022, 1-2.	1.9	0
119	Non-Histone Chromatin Proteins. , 2005, , 1299-1301.		0