Elena Levantini

List of Publications by Year
in descending order

64 papers	3,377 citations	236833 25 h-index	223716 46 g-index
65 all docs	65 docs citations	65 times ranked	7194 citing authors

#	Article	IF	Citations
1	EGFR signaling pathway as therapeutic target in human cancers. Seminars in Cancer Biology, 2022, 85, 253-275.	4.3	61
2	Identification of a targetable KRAS-mutant epithelial population in non-small cell lung cancer. Communications Biology, 2021, 4, 370.	2.0	12
3	Myeloid lncRNA LOUP mediates opposing regulatory effects of RUNX1 and RUNX1-ETO in t(8;21) AML. Blood, 2021, 138, 1331-1344.	0.6	19
4	Is miR therapeutic targeting still a miRage?. Frontiers in Bioscience, 2021, 26, 680.	0.8	4
5	IKKÎ² Kinase Promotes Stemness, Migration, and Invasion in KRAS-Driven Lung Adenocarcinoma Cells. International Journal of Molecular Sciences, 2020, 21, 5806.	1.8	1
6	Aurora A kinase and its activator TPX2 are potential therapeutic targets in KRAS-induced pancreatic cancer. Cellular Oncology (Dordrecht), 2020, 43, 445-460.	2.1	30
7	Targeting microtubule sensitizes drug resistant lung cancer cells to lysosomal pathway inhibitors. Theranostics, 2020, 10, 2727-2743.	4.6	5
8	Fluorescence imaging of biochemical relationship between ubiquitinated histone 2A and Polycomb complex protein BMI1. Biophysical Chemistry, 2019, 253, 106225.	1.5	10
9	The Role of Prep1 in the Regulation of Mesenchymal Stromal Cells. International Journal of Molecular Sciences, 2019, 20, 3639.	1.8	3
10	CAV1 - GLUT3 signaling is important for cellular energy and can be targeted by Atorvastatin in Non-Small Cell Lung Cancer. Theranostics, 2019, 9, 6157-6174.	4.6	32
11	IKKÎ² targeting reduces KRAS-induced lung cancer angiogenesis in vitro and in vivo: A potential anti-angiogenic therapeutic target. Lung Cancer, 2019, 130, 169-178.	0.9	9
12	Single-Cell Transcriptomics of Human and Mouse Lung Cancers Reveals Conserved Myeloid Populations across Individuals and Species. Immunity, 2019, 50, 1317-1334.e10.	6.6	897
13	Abstract 1792: Exploring new therapeutic options for chemoresistant locally advanced lung cancer. , 2019, , .		0
14	Fatty acid synthase mediates EGFR palmitoylation in EGFR mutated nonâ€small cell lung cancer. EMBO Molecular Medicine, 2018, 10, .	3.3	109
15	Abstract 5864: Novel anti-BMI-1 therapy in non-small cell lung cancer. , 2018, , .		0
16	Cabozantinib Eradicates Advanced Murine Prostate Cancer by Activating Antitumor Innate Immunity. Cancer Discovery, 2017, 7, 750-765.	7.7	112
17	Runx1 Structure and Function in Blood Cell Development. Advances in Experimental Medicine and Biology, 2017, 962, 65-81.	0.8	23
18	ZNF143 protein is an important regulator of the myeloid transcription factor C/EBPÎ±. Journal of Biological Chemistry, 2017, 292, 18924-18936.	1.6	20

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19	Prep1 prevents premature adipogenesis of mesenchymal progenitors. Scientific Reports, 2017, 7, 15573.	1.6	13
20	Acetylation of C/EBPÎ± inhibits its granulopoietic function. Nature Communications, 2016, 7, 10968.	5.8	38
21	Targeted BMI1 inhibition impairs tumor growth in lung adenocarcinomas with low CEBPÎ± expression. Science Translational Medicine, 2016, 8, 350ra104.	5.8	45
22	Aurora kinase targeting in lung cancer reduces KRAS-induced transformation. Molecular Cancer, 2016, 15, 12.	7.9	42
23	Dissecting the role of aberrant DNA methylation in human leukaemia. Nature Communications, 2015, 6, 7091.	5.8	62
24	Treatment of Chronic Myelogenous Leukemia by Blocking Cytokine Alterations Found in Normal Stem and Progenitor Cells. Cancer Cell, 2015, 27, 671-681.	7.7	112
25	Hematopoietic Differentiation Is Required for Initiation of Acute Myeloid Leukemia. Cell Stem Cell, 2015, 17, 611-623.	5.2	97
26	CCAAT/Enhancer Binding Protein Î² Is Dispensable for Development of Lung Adenocarcinoma. PLoS ONE, 2015, 10, e0120647.	1.1	6
27	Abstract 5497: Cabozantinib eradicatesde novocastrate-resistant PTEN/p53 deficient murine prostate cancer via activation of neutrophil-mediated anti-tumor innate immunity. , 2015, , .		1
28	Abstract C112: Cabozantinib eradicates advanced murine prostate cancer by activating anti-tumor innate immunity. , 2015, , .		0
29	405 Aurora kinases A and B are required for KRAS-induced lung cell oncogenicity. European Journal of Cancer, 2014, 50, 129-130.	1.3	0
30	Sox4 Is a Key Oncogenic Target in C/EBPÎ± Mutant Acute Myeloid Leukemia. Cancer Cell, 2014, 25, 257.	7.7	0
31	The Runx-PU.1 pathway preserves normal and AML/ETO9a leukemic stem cells. Blood, 2014, 124, 2391-2399.	0.6	32
32	CD45/CD11b positive subsets of adult lung anchorage-independent cells harness epithelial stem cells in culture. Journal of Tissue Engineering and Regenerative Medicine, 2013, 7, 572-583.	1.3	5
33	Sox4 Is a Key Oncogenic Target in C/EBPÎ± Mutant Acute Myeloid Leukemia. Cancer Cell, 2013, 24, 575-588.	7.7	112
34	C/EBPa controls acquisition and maintenance of adult haematopoietic stem cell quiescence. Nature Cell Biology, 2013, 15, 385-394.	4.6	121
35	Abstract 3339: HSP90 inhibitor 17-allylamino-geldanamycin enhances sensitivity to double-strand DNA break-inducing agents (platinum and PARP inhibitors) in epithelial ovarian cancer.. , 2013, , .		0
36	Abstract 3054: Expression of miR367* confers a â€œBRCAnessâ€•phenotype in epithelial ovarian cancer.. , 2013, , .		0

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37	Abstract LB-46: C/EBPÎ± acts as tumor suppressor in lung cancer by inhibiting the proto-oncogene Bmi-1.. , 2013, , .		0
38	Abstract 903: The IKKÎ± kinase is a potential therapeutic target in K-Ras-induced lung cancer. , 2012, , .		0
39	RUNX1 regulates theCD34gene in haematopoietic stem cells by mediating interactions with a distal regulatory element. EMBO Journal, 2011, 30, 4059-4070.	3.5	26
40	CD34 Is Required for Dendritic Cell Trafficking and Pathology in Murine Hypersensitivity Pneumonitis. American Journal of Respiratory and Critical Care Medicine, 2011, 184, 687-698.	2.5	35
41	Lung Suspension Cultures: Casting Cells Upon The Water. , 2010, , .		0
42	Requirement of the NF-ÎºB Subunit p65/RelA for K-Rasâ€“Induced Lung Tumorigenesis. Cancer Research, 2010, 70, 3537-3546.	0.4	170
43	CARM1 is required for proper control of proliferation and differentiation of pulmonary epithelial cells. Development (Cambridge), 2010, 137, 2147-2156.	1.2	73
44	CARM1 is required for proper control of proliferation and differentiation of pulmonary epithelial cells. Journal of Cell Science, 2010, 123, e1-e1.	1.2	0
45	Dysregulation of the C/EBPÎ± Differentiation Pathway in Human Cancer. Journal of Clinical Oncology, 2009, 27, 619-628.	0.8	176
46	Epidermal growth factor receptor and claudinâ€2 participate in A549 permeability and remodeling: Implications for nonâ€small cell lung cancer tumor colonization. Molecular Carcinogenesis, 2009, 48, 488-497.	1.3	36
47	Identification of a myeloid committed progenitor as the cancer-initiating cell in acute promyelocytic leukemia. Blood, 2009, 114, 5415-5425.	0.6	126
48	Quantitative Imaging of Femoral Bone Marrow Microenvironments Reveals a Heterogenous Distribution of Hematopoietic Stem and Progenitor Cells.. Blood, 2009, 114, 1455-1455.	0.6	0
49	Spatial Analysis of Hematopoietic Stem and Progenitor Cells in the Bone Marrow. Blood, 2008, 112, 3570-3570.	0.6	0
50	Genetics and Epigenetics of the PU.1 Upstream Regulatory Element: AML1 Binding Sites Are Critical for Leuekmia Induced by the AML/ETO9a Fusion Oncogene. Blood, 2008, 112, 594-594.	0.6	0
51	CDDO induces granulocytic differentiation of myeloid leukemic blasts through translational up-regulation of p42 CCAAT enhancerâ€“binding protein alpha. Blood, 2007, 110, 3695-3705.	0.6	50
52	Three-dimensional magnetic resonance microscopy of pulmonary solitary tumors in transgenic mice. Magnetic Resonance in Medicine, 2006, 56, 698-703.	1.9	14
53	Respiratory Failure Due to Differentiation Arrest and Expansion of Alveolar Cells following Lung-Specific Loss of the Transcription Factor C/EBPÎ± in Mice. Molecular and Cellular Biology, 2006, 26, 1109-1123.	1.1	61
54	Role of Otx1 in the Differentiation of Myelo-Monocytic Precursors.. Blood, 2005, 106, 388-388.	0.6	1

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55	CDDO Increases Translation of CCAAT Enhancer Binding Protein alpha To Induce Granulocytic Differentiation.. Blood, 2005, 106, 2458-2458.	0.6	1
56	3â€² Distal Regulatory Elements Required for Human CD34 Expression in Transgenic Mice.. Blood, 2005, 106, 125-125.	0.6	9
57	Enhancement of Hematopoietic Stem Cell Repopulating Capacity and Self-Renewal in the Absence of the Transcription Factor C/EBPÎ±. Immunity, 2004, 21, 853-863.	6.6	459
58	New Role of the Regulatory Gene SOX2 in Hematopoiesis.. Blood, 2004, 104, 4195-4195.	0.6	0
59	Both 5â€² and 3â€² Distal Regulatory Elements Are Required for Human CD34 Gene Expression.. Blood, 2004, 104, 3554-3554.	0.6	0
60	Regulation of SCL Expression by the Homeodomain Protein Otx-1 and the Erythroid Transcription Factor GATA-1.. Blood, 2004, 104, 1598-1598.	0.6	0
61	Unsuspected role of the brain morphogenetic gene Otx1 in hematopoiesis. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 10299-10303.	3.3	8
62	Kit regulatory elements required for expression in developing hematopoietic and germ cell lineages. Blood, 2003, 102, 3954-3962.	0.6	77
63	Developmental Potential of Somatic Stem Cells in Mammalian Adults. Journal of Hematotherapy and Stem Cell Research, 2000, 9, 961-969.	1.8	15
64	Human GM-CSF interaction with the Î±-chain of its receptor studied using surface plasmon resonance. Biosensors and Bioelectronics, 1999, 14, 555-567.	5.3	6