

Elena Levantini

List of Publications by Year in descending order

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64
papers

3,377
citations

236833

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223716

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65
docs citations

65
times ranked

7194
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Cell Transcriptomics of Human and Mouse Lung Cancers Reveals Conserved Myeloid Populations across Individuals and Species. <i>Immunity</i> , 2019, 50, 1317-1334.e10.	6.6	897
2	Enhancement of Hematopoietic Stem Cell Repopulating Capacity and Self-Renewal in the Absence of the Transcription Factor C/EBP β . <i>Immunity</i> , 2004, 21, 853-863.	6.6	459
3	Dysregulation of the C/EBP β Differentiation Pathway in Human Cancer. <i>Journal of Clinical Oncology</i> , 2009, 27, 619-628.	0.8	176
4	Requirement of the NF- κ B Subunit p65/RelA for K-Ras α -Induced Lung Tumorigenesis. <i>Cancer Research</i> , 2010, 70, 3537-3546.	0.4	170
5	Identification of a myeloid committed progenitor as the cancer-initiating cell in acute promyelocytic leukemia. <i>Blood</i> , 2009, 114, 5415-5425.	0.6	126
6	C/EBP α controls acquisition and maintenance of adult haematopoietic stem cell quiescence. <i>Nature Cell Biology</i> , 2013, 15, 385-394.	4.6	121
7	Sox4 Is a Key Oncogenic Target in C/EBP β Mutant Acute Myeloid Leukemia. <i>Cancer Cell</i> , 2013, 24, 575-588.	7.7	112
8	Treatment of Chronic Myelogenous Leukemia by Blocking Cytokine Alterations Found in Normal Stem and Progenitor Cells. <i>Cancer Cell</i> , 2015, 27, 671-681.	7.7	112
9	Cabozantinib Eradicates Advanced Murine Prostate Cancer by Activating Antitumor Innate Immunity. <i>Cancer Discovery</i> , 2017, 7, 750-765.	7.7	112
10	Fatty acid synthase mediates EGFR palmitoylation in EGFR mutated non-small cell lung cancer. <i>EMBO Molecular Medicine</i> , 2018, 10, .	3.3	109
11	Hematopoietic Differentiation Is Required for Initiation of Acute Myeloid Leukemia. <i>Cell Stem Cell</i> , 2015, 17, 611-623.	5.2	97
12	Kit regulatory elements required for expression in developing hematopoietic and germ cell lineages. <i>Blood</i> , 2003, 102, 3954-3962.	0.6	77
13	CARM1 is required for proper control of proliferation and differentiation of pulmonary epithelial cells. <i>Development (Cambridge)</i> , 2010, 137, 2147-2156.	1.2	73
14	Dissecting the role of aberrant DNA methylation in human leukaemia. <i>Nature Communications</i> , 2015, 6, 7091.	5.8	62
15	Respiratory Failure Due to Differentiation Arrest and Expansion of Alveolar Cells following Lung-Specific Loss of the Transcription Factor C/EBP β in Mice. <i>Molecular and Cellular Biology</i> , 2006, 26, 1109-1123.	1.1	61
16	EGFR signaling pathway as therapeutic target in human cancers. <i>Seminars in Cancer Biology</i> , 2022, 85, 253-275.	4.3	61
17	CDDO induces granulocytic differentiation of myeloid leukemic blasts through translational up-regulation of p42 CCAAT enhancer-binding protein alpha. <i>Blood</i> , 2007, 110, 3695-3705.	0.6	50
18	Targeted BMI1 inhibition impairs tumor growth in lung adenocarcinomas with low CEBP β expression. <i>Science Translational Medicine</i> , 2016, 8, 350ra104.	5.8	45

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19	Aurora kinase targeting in lung cancer reduces KRAS-induced transformation. <i>Molecular Cancer</i> , 2016, 15, 12.	7.9	42
20	Acetylation of C/EBP β inhibits its granulopoietic function. <i>Nature Communications</i> , 2016, 7, 10968.	5.8	38
21	Epidermal growth factor receptor and claudin-2 participate in A549 permeability and remodeling: Implications for non-small cell lung cancer tumor colonization. <i>Molecular Carcinogenesis</i> , 2009, 48, 488-497.	1.3	36
22	CD34 Is Required for Dendritic Cell Trafficking and Pathology in Murine Hypersensitivity Pneumonitis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 687-698.	2.5	35
23	The Runx-PU.1 pathway preserves normal and AML/ETO9a leukemic stem cells. <i>Blood</i> , 2014, 124, 2391-2399.	0.6	32
24	CAV1 - GLUT3 signaling is important for cellular energy and can be targeted by Atorvastatin in Non-Small Cell Lung Cancer. <i>Theranostics</i> , 2019, 9, 6157-6174.	4.6	32
25	Aurora A kinase and its activator TPX2 are potential therapeutic targets in KRAS-induced pancreatic cancer. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 445-460.	2.1	30
26	RUNX1 regulates the CD34 gene in haematopoietic stem cells by mediating interactions with a distal regulatory element. <i>EMBO Journal</i> , 2011, 30, 4059-4070.	3.5	26
27	Runx1 Structure and Function in Blood Cell Development. <i>Advances in Experimental Medicine and Biology</i> , 2017, 962, 65-81.	0.8	23
28	ZNF143 protein is an important regulator of the myeloid transcription factor C/EBP β . <i>Journal of Biological Chemistry</i> , 2017, 292, 18924-18936.	1.6	20
29	Myeloid lncRNA <i>LOUP</i> mediates opposing regulatory effects of RUNX1 and RUNX1-ETO in t(8;21) AML. <i>Blood</i> , 2021, 138, 1331-1344.	0.6	19
30	Developmental Potential of Somatic Stem Cells in Mammalian Adults. <i>Journal of Hematotherapy and Stem Cell Research</i> , 2000, 9, 961-969.	1.8	15
31	Three-dimensional magnetic resonance microscopy of pulmonary solitary tumors in transgenic mice. <i>Magnetic Resonance in Medicine</i> , 2006, 56, 698-703.	1.9	14
32	Prep1 prevents premature adipogenesis of mesenchymal progenitors. <i>Scientific Reports</i> , 2017, 7, 15573.	1.6	13
33	Identification of a targetable KRAS-mutant epithelial population in non-small cell lung cancer. <i>Communications Biology</i> , 2021, 4, 370.	2.0	12
34	Fluorescence imaging of biochemical relationship between ubiquitinated histone 2A and Polycomb complex protein BMI1. <i>Biophysical Chemistry</i> , 2019, 253, 106225.	1.5	10
35	IKK β targeting reduces KRAS-induced lung cancer angiogenesis in vitro and in vivo: A potential anti-angiogenic therapeutic target. <i>Lung Cancer</i> , 2019, 130, 169-178.	0.9	9
36	3 α Distal Regulatory Elements Required for Human CD34 Expression in Transgenic Mice.. <i>Blood</i> , 2005, 106, 125-125.	0.6	9

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37	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
38	Human GM-CSF interaction with the β -chain of its receptor studied using surface plasmon resonance. Biosensors and Bioelectronics, 1999, 14, 555-567.	5.3	6
39	CCAAT/Enhancer Binding Protein β Is Dispensable for Development of Lung Adenocarcinoma. PLoS ONE, 2015, 10, e0120647.	1.1	6
40	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
41	Targeting microtubule sensitizes drug resistant lung cancer cells to lysosomal pathway inhibitors. Theranostics, 2020, 10, 2727-2743.	4.6	5
42	Is miR therapeutic targeting still a miRage?. Frontiers in Bioscience, 2021, 26, 680.	0.8	4
43	The Role of Prep1 in the Regulation of Mesenchymal Stromal Cells. International Journal of Molecular Sciences, 2019, 20, 3639.	1.8	3
44	IKK β Kinase Promotes Stemness, Migration, and Invasion in KRAS-Driven Lung Adenocarcinoma Cells. International Journal of Molecular Sciences, 2020, 21, 5806.	1.8	1
45	Role of Otx1 in the Differentiation of Myelo-Monocytic Precursors.. Blood, 2005, 106, 388-388.	0.6	1
46	CDDO Increases Translation of CCAAT Enhancer Binding Protein alpha To Induce Granulocytic Differentiation.. Blood, 2005, 106, 2458-2458.	0.6	1
47	Abstract 5497: Cabozantinib eradicates de novo castrate-resistant PTEN/p53 deficient murine prostate cancer via activation of neutrophil-mediated anti-tumor innate immunity. , 2015, , .		1
48	Lung Suspension Cultures: Casting Cells Upon The Water. , 2010, , .		0
49	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
50	Sox4 Is a Key Oncogenic Target in C/EBP β Mutant Acute Myeloid Leukemia. Cancer Cell, 2014, 25, 257.	7.7	0
51	New Role of the Regulatory Gene SOX2 in Hematopoiesis.. Blood, 2004, 104, 4195-4195.	0.6	0
52	Both 5' and 3' Distal Regulatory Elements Are Required for Human CD34 Gene Expression.. Blood, 2004, 104, 3554-3554.	0.6	0
53	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
54	Spatial Analysis of Hematopoietic Stem and Progenitor Cells in the Bone Marrow. Blood, 2008, 112, 3570-3570.	0.6	0

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55	Genetics and Epigenetics of the PU.1 Upstream Regulatory Element: AML1 Binding Sites Are Critical for Leukemia Induced by the AML/ETO9a Fusion Oncogene. <i>Blood</i> , 2008, 112, 594-594.	0.6	0
56	Quantitative Imaging of Femoral Bone Marrow Microenvironments Reveals a Heterogenous Distribution of Hematopoietic Stem and Progenitor Cells.. <i>Blood</i> , 2009, 114, 1455-1455.	0.6	0
57	CARM1 is required for proper control of proliferation and differentiation of pulmonary epithelial cells. <i>Journal of Cell Science</i> , 2010, 123, e1-e1.	1.2	0
58	Abstract 903: The IKK α kinase is a potential therapeutic target in K-Ras-induced lung cancer. , 2012, , .		0
59	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
60	Abstract 3054: Expression of miR367* confers a "BRCAness" phenotype in epithelial ovarian cancer.. , 2013, , .		0
61	Abstract LB-46: C/EBP β acts as tumor suppressor in lung cancer by inhibiting the proto-oncogene Bmi-1.. , 2013, , .		0
62	Abstract C112: Cabozantinib eradicates advanced murine prostate cancer by activating anti-tumor innate immunity. , 2015, , .		0
63	Abstract 5864: Novel anti-BMI-1 therapy in non-small cell lung cancer. , 2018, , .		0
64	Abstract 1792: Exploring new therapeutic options for chemoresistant locally advanced lung cancer. , 2019, , .		0