Laura Soucek

List of Publications by Year
in descending order

75 papers	6,042 citations	117625 34 h-index	182427 51 g-index
78 all docs	78 docs citations	78 times ranked	10403 citing authors

#	Article	IF	Citations
1	Modelling Myc inhibition as a cancer therapy. Nature, 2008, 455, 679-683.	27.8	706
2	Drugging the 'undruggable' cancer targets. Nature Reviews Cancer, 2017, 17, 502-508.	28.4	620
3	Interrogating open issues in cancer precision medicine with patient-derived xenografts. Nature Reviews Cancer, 2017, 17, 254-268.	28.4	527
4	Mast cells are required for angiogenesis and macroscopic expansion of Myc-induced pancreatic islet tumors. Nature Medicine, 2007, 13, 1211-1218.	30.7	449
5	Role of c-MYC in alternative activation of human macrophages and tumor-associated macrophage biology. Blood, 2012, 119, 411-421.	1.4	292
6	Inhibition of Myc family proteins eradicates KRas-driven lung cancer in mice. Genes and Development, 2013, 27, 504-513.	5.9	250
7	Assessing the carcinogenic potential of low-dose exposures to chemical mixtures in the environment: the challenge ahead. Carcinogenesis, 2015, 36, S254-S296.	2.8	239
8	Strategies to Inhibit Myc and Their Clinical Applicability. Frontiers in Cell and Developmental Biology, 2017, 5, 10.	3.7	230
9	Temporal dissection of p53 function in vitro and in vivo. Nature Genetics, 2005, 37, 718-726.	21.4	174
10	Endogenous Myc maintains the tumor microenvironment. Genes and Development, 2011, 25, 907-916.	5.9	162
11	c-Myc recruits P-TEFb for transcription, cellular proliferation and apoptosis. Oncogene, 2003, 22, 5707-5711.	5.9	159
12	Design and properties of a Myc derivative that efficiently homodimerizes. Oncogene, 1998, 17, 2463-2472.	5.9	154
13	The ups and downs of Myc biology. Current Opinion in Genetics and Development, 2010, 20, 91-95.	3.3	152
14	Intrinsic cell-penetrating activity propels Omomyc from proof of concept to viable anti-MYC therapy. Science Translational Medicine, 2019, 11, .	12.4	150
15	Myc inhibition is effective against glioma and reveals a role for Myc in proficient mitosis. Nature Communications, 2014, 5, 4632.	12.8	144
16	MYC Instructs and Maintains Pancreatic Adenocarcinoma Phenotype. Cancer Discovery, 2020, 10, 588-607.	9.4	121
17	Making decisions through Myc. FEBS Letters, 2001, 490, 153-162.	2.8	115
18	Omomyc, a potential Myc dominant negative, enhances Myc-induced apoptosis. Cancer Research, 2002, 62, 3507-10.	0.9	115

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19	The effect of environmental chemicals on the tumor microenvironment. Carcinogenesis, 2015, 36, S160-S183.	2.8	97
20	Ibrutinib Exerts Potent Antifibrotic and Antitumor Activities in Mouse Models of Pancreatic Adenocarcinoma. Cancer Research, 2015, 75, 1675-1681.	0.9	95
21	The Action Mechanism of the Myc Inhibitor Termed Omomyc May Give Clues on How to Target Myc for Cancer Therapy. PLoS ONE, 2011, 6, e22284.	2.5	93
22	Blocking Myc to Treat Cancer: Reflecting on Two Decades of Omomyc. Cells, 2020, 9, 883.	4.1	85
23	Reversible Kinetic Analysis of Myc Targets In vivo Provides Novel Insights into Myc-Mediated Tumorigenesis. Cancer Research, 2006, 66, 4591-4601.	0.9	71
24	MYC, MYCL, and MYCN as therapeutic targets in lung cancer. Expert Opinion on Therapeutic Targets, 2020, 24, 101-114.	3.4	69
25	Tumor microenvironment: becoming sick of Myc. Cellular and Molecular Life Sciences, 2012, 69, 931-934.	5.4	63
26	Structural and Biophysical Insights into the Function of the Intrinsically Disordered Myc Oncoprotein. Cells, 2020, 9, 1038.	4.1	57
27	Omomyc expression in skin prevents Myc-induced papillomatosis. Cell Death and Differentiation, 2004, 11, 1038-1045.	11.2	55
28	The long journey to bring a Myc inhibitor to the clinic. Journal of Cell Biology, 2021, 220, .	5.2	51
29	Growth suppression by MYC inhibition in small cell lung cancer cells with TP53 and RB1 inactivation. Oncotarget, 2016, 7, 31014-31028.	1.8	51
30	Modeling Pharmacological Inhibition of Mast Cell Degranulation as a Therapy for Insulinoma. Neoplasia, 2011, 13, 1093-IN43.	5.3	50
31	Acute Overexpression of Myc in Intestinal Epithelium Recapitulates Some but Not All the Changes Elicited by Wnt/Î²-Catenin Pathway Activation. Molecular and Cellular Biology, 2009, 29, 5306-5315.	2.3	49
32	Inhibition of MYC attenuates tumor cell selfâ€renewal and promotes senescence in SMARCB1â€deficient Group 2 atypical teratoid rhabdoid tumors to suppress tumor growth in vivo. International Journal of Cancer, 2019, 144, 1983-1995.	5.1	43
33	Mycâ€"Is this the oncogene from Hell?. Cancer Cell, 2002, 1, 406-408.	16.8	39
34	Bcl-xL gain of function and p19ARF loss of function cooperate oncogenically with Myc in vivo by distinct mechanisms. Cancer Cell, 2006, 10, 113-120.	16.8	39
35	Targeting Antitumoral Proteins to Breast Cancer by Local Administration of Functional Inclusion Bodies. Advanced Science, 2019, 6, 1900849.	11.2	34
36	Tamoxifen Administration to Mice. Cold Spring Harbor Protocols, 2015, 2015, pdb.prot077966.	0.3	27

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37	Epigenetic SMAD3 Repression in Tumor-Associated Fibroblasts Impairs Fibrosis and Response to the Antifibrotic Drug Nintedanib in Lung Squamous Cell Carcinoma. Cancer Research, 2020, 80, 276-290.	0.9	25
38	NGF-dependent and tissue-specific transcription ofvgfis regulated by a CREB-p300 and bHLH factor interaction. FEBS Letters, 2002, 510, 50-56.	2.8	24
39	Integrated requirement of nonâ€specific and sequenceâ€specific DNA binding in Mycâ€driven transcription. EMBO Journal, 2021, 40, e105464.	7.8	24
40	Pancreatic cancer heterogeneity and response to Mek inhibition. Oncogene, 2017, 36, 5639-5647.	5.9	19
41	Ibrutinib repurposing: from B-cell malignancies to solid tumors. Oncoscience, 2016, 3, 147-148.	2.2	17
42	The Estrogen Receptor Fusion System in Mouse Models: A Reversible Switch. Cold Spring Harbor Protocols, 2015, 2015, pdb.top069815.	0.3	12
43	BET inhibition is an effective approach against KRAS-driven PDAC and NSCLC. Oncotarget, 2018, 9, 18734-18746.	1.8	12
44	Myc and Ras, the Bonnie and Clyde of immune evasion. Translational Cancer Research, 2018, 7, S457-S459.	1.0	12
45	Biophysical characterization of the b-HLH-LZ of Î”Max, an alternatively spliced isoform of Max found in tumor cells: Towards the validation of a tumor suppressor role for the Max homodimers. PLoS ONE, 2017, 12, e0174413.	2.5	11
46	MYC Inhibition Halts Metastatic Breast Cancer Progression by Blocking Growth, Invasion, and Seeding. Cancer Research Communications, 2022, 2, 110-130.	1.7	10
47	Frequent mutations of FBXO11 highlight BCL6 as a therapeutic target in Burkitt lymphoma. Blood Advances, 2021, 5, 5239-5257.	5.2	7
48	Finding MYCure. Molecular and Cellular Oncology, 2019, 6, e1618178.	0.7	6
49	MYC inhibitors in multiple myeloma. , 2021, 4, 842-865.		5
50	The Wnt signaling receptor Fzd9 is essential for Myc-driven tumorigenesis in pancreatic islets. Life Science Alliance, 2021, 4, e201900490.	2.8	4
51	916 Modeling Pharmacological Inhibition of Bruton's Tyrosine Kinase (BTK) as a Therapy for Insulinoma and Pancreatic Ductal Adenocarcinoma. European Journal of Cancer, 2012, 48, S222.	2.8	1
52	Abstract A52: Myc is required for maintenance of KRasG12D-driven pancreatic cancer and its associated microenvironment. , 2015, , .		1
53	749 Myc â€“ a Non Redundant Function in Cancer. European Journal of Cancer, 2012, 48, S177.	2.8	0
54	751 MYC Inhibition as a Therapeutic Strategy in Glioma. European Journal of Cancer, 2012, 48, S178.	2.8	0

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55	773: A novel pharmacological approach to inhibit Myc in cancer. European Journal of Cancer, 2014, 50, S186.	2.8	0
56	Live or Die: Choice Mechanisms in Stressed Cells. Mediators of Inflammation, 2015, 2015, 1-2.	3.0	0
57	Editorial overview: Peptides in cancer. Current Opinion in Pharmacology, 2019, 47, iii-v.	3.5	0
58	OA08.07 Aberrant Epigenetic SMAD3 Signaling in Tumor-Associated Fibroblasts Modulates Fibrosis and Response to Nintedanib in NSCLC. Journal of Thoracic Oncology, 2019, 14, S228.	1.1	0
59	A spotlight on cancer researchers in Spain: new paradigms and disruptive ideas. Clinical and Translational Oncology, 2020, 22, 798-801.	2.4	0
60	An â€œ-omycsâ€•Toolbox to Work with MYC. Methods in Molecular Biology, 2021, 2318, 1-11.	0.9	0
61	Abstract 469: Mast cell inhibition by the BTK inhibitor PCI-32765 as a potential therapy in pancreatic cancer. , 2011, , .		0
62	The Myc World Within Reach. Methods in Molecular Biology, 2013, 1012, 1-6.	0.9	0
63	Abstract 4956: Pharmacological inhibition of Bruton's Tyrosine Kinase (BTK) as a therapy for insulinoma and pancreatic ductal adenocarcinoma.. , 2013, , .		0
64	Abstract 2645: Preclinical validation of Myc inhibition by a new generation of Omomyc-based inhibitors. , 2015, , .		0
65	Abstract 396: Ibrutinib exerts potent antifibrotic activity in a mouse model of pancreatic adenocarcinoma. , 2015, , .		0
66	Abstract B23: Pushing Myc inhibition towards the clinic by direct delivery of cell-penetrating peptides. , 2015, , .		0
67	Abstract B09: Myc is required for maintenance of KRasG12D-driven pancreatic cancer and its associated microenvironment. , 2015, , .		0
68	Abstract PR10: Preclinical validation of Myc inhibition by a new generation of Omomyc-based cell penetrating peptides. , 2015, , .		0
69	Abstract 2923: Preclinical validation of Omomyc cell-penetrating peptides as a viable in vivo anti-Myc therapy. , 2016, , .		0
70	Abstract 2167: Preclinical validation of an Omomyc cell-penetrating peptide as a viable anti-Myc therapy. , 2017, , .		0
71	Abstract 3956: Omomyc-based cell-penetrating peptides: From proof of concept to a clinically viable anti-Myc therapy. , 2018, , .		0
72	Abstract 3351: Myc inhibition by Omomyc impairs melanoma growth and progression through genome-wide gene expression reprogramming. , 2018, , .		0

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73	Abstract LB-034: Myc instructs and maintains pancreatic adenocarcinoma phenotype. , 2019, , .		0
74	Abstract 1225: Aberrant SMAD3 signaling in tumor-associated fibroblasts modulates fibrosis and response to the anti-fibrotic drug nintedanib in non-small cell lung cancer. , 2019, , .		0
75	Going for a â€œKDIPâ€•in colorectal cancer treatment. Clinical and Translational Discovery, 2022, 2, .	0.5	0