Ruth H Palmer

List of Publications by Year
in descending order

60 papers	3,169 citations	218677 26 h-index	161849 54 g-index
111 all docs	111 docs citations	111 times ranked	3521 citing authors

#	Article	IF	Citations
1	Sustained Response to Entrectinib in an Infant With a Germline ALKAL2 Variant and Refractory Metastatic Neuroblastoma With Chromosomal 2p Gain and Anaplastic Lymphoma Kinase and Tropomyosin Receptor Kinase Activation. JCO Precision Oncology, 2022, 6, e2100271.	3.0	8
2	The autocrine loop of ALK receptor and ALKAL2 ligand is an actionable target in consensus molecular subtype 1 colon cancer. Journal of Experimental and Clinical Cancer Research, 2022, 41, 113.	8.6	9
3	In vivo Characterization of Endogenous Protein Interactomes in Drosophila Larval Brain, Using a CRISPR/Cas9-based Strategy and BioID-based Proximity Labeling. Bio-protocol, 2022, 12, .	0.4	1
4	ALK ligand ALKAL2 potentiates MYCNâ€driven neuroblastoma in the absence of ALK mutation. EMBO Journal, 2021, 40, e105784.	7.8	35
5	Loss of RET Promotes Mesenchymal Identity in Neuroblastoma Cells. Cancers, 2021, 13, 1909.	3.7	6
6	Extracellular domain shedding of the ALK receptor mediates neuroblastoma cell migration. Cell Reports, 2021, 36, 109363.	6.4	9
7	Neuroblastoma xenograft models demonstrate the therapeutic potential of 177Lu-octreotate. BMC Cancer, 2021, 21, 950.	2.6	4
8	BioID-Screening Identifies PEAK1 and SHP2 as Components of the ALK Proximitome in Neuroblastoma Cells. Journal of Molecular Biology, 2021, 433, 167158.	4.2	9
9	Mapping the Phospho-dependent ALK Interactome to Identify Novel Components in ALK Signaling. Journal of Molecular Biology, 2021, 433, 167283.	4.2	9
10	In vivo Profiling of the Alk Proximitome in the Developing Drosophila Brain. Journal of Molecular Biology, 2021, 433, 167282.	4.2	15
11	Chromosome Imbalances in Neuroblastomaâ€"Recent Molecular Insight into Chromosome 1p-deletion, 2p-gain, and 11q-deletion Identifies New Friends and Foes for the Future. Cancers, 2021, 13, 5897.	3.7	13
12	ATR inhibition enables complete tumour regression in ALK-driven NB mouse models. Nature Communications, 2021, 12, 6813.	12.8	21
13	DamID transcriptional profiling identifies the Snail/Scratch transcription factor Kahuli as an Alk target in the Drosophila visceral mesoderm. Development (Cambridge), 2021, 148, .	2.5	2
14	Analysis of ALK, MYCN, and the ALK ligand ALKAL2 (FAM150B/AUGÎ±) in neuroblastoma patient samples with chromosome arm 2p rearrangements. Genes Chromosomes and Cancer, 2020, 59, 50-57.	2.8	18
15	11q Deletion or ALK Activity Curbs DLG2 Expression to Maintain an Undifferentiated State in Neuroblastoma. Cell Reports, 2020, 32, 108171.	6.4	25
16	Identification of the Wallenda JNKKK as an Alk suppressor reveals increased competitiveness of Alk-expressing cells. Scientific Reports, 2020, 10, 14954.	3.3	6
17	Characterization ofDrosophila Nidogen/entactinreveals roles in basement membrane stability, barrier function and nervous system patterning. Development (Cambridge), 2019, 146, .	2.5	27
18	Alectinib, an Anaplastic Lymphoma Kinase Inhibitor, Abolishes ALK Activity and Growth in ALK-Positive Neuroblastoma Cells. Frontiers in Oncology, 2019, 9, 579.	2.8	24

#	Article	IF	Citations
19	Targeting anaplastic lymphoma kinase in neuroblastoma. Apmis, 2019, 127, 288-302.	2.0	53
20	ALKALs are in vivo ligands for ALK family receptor tyrosine kinases in the neural crest and derived cells. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E630-E638.	7.1	68
21	Phosphoproteome and gene expression profiling of ALK inhibition in neuroblastoma cell lines reveals conserved oncogenic pathways. Science Signaling, 2018, 11, .	3.6	36
22	Drosophila model of myosin myopathy rescued by overexpression of a TRIM-protein family member. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E6566-E6575.	7.1	10
23	Clinical response of the novel activating ALK-I1171T mutation in neuroblastoma to the ALK inhibitor ceritinib. Journal of Physical Education and Sports Management, 2018, 4, a002550.	1.2	47
24	The scaffolding protein Cnk binds to the receptor tyrosine kinase Alk to promote visceral founder cell specification in Drosophila. Science Signaling, 2017, 10, .	3.6	11
25	MEK inhibitor trametinib does not prevent the growth of anaplastic lymphoma kinase (ALK)â€“addicted neuroblastomas. Science Signaling, 2017, 10, .	3.6	41
26	Novel Mechanisms of ALK Activation Revealed by Analysis of the Y1278S Neuroblastoma Mutation. Cancers, 2017, 9, 149.	3.7	17
27	The Zic family homologue Odd-paired regulates Alk expression in Drosophila. PLoS Genetics, 2017, 13, e1006617.	3.5	15
28	Anaplastic lymphoma kinase L1198F and G1201E mutations identified in anaplastic thyroid cancer patients are not ligand-independent. Oncotarget, 2017, 8, 11566-11578.	1.8	16
29	Godzilla-dependent transcytosis promotes Wingless signalling in Drosophila wing imaginal discs. Nature Cell Biology, 2016, 18, 451-457.	10.3	72
30	Brigatinib, an anaplastic lymphoma kinase inhibitor, abrogates activity and growth in ALK-positive neuroblastoma cells,Drosophilaand mice. Oncotarget, 2016, 7, 29011-29022.	1.8	51
31	Targeted Disruption of ALK Reveals a Potential Role in Hypogonadotropic Hypogonadism. PLoS ONE, 2015, 10, e0123542.	2.5	24
32	FAM150A and FAM150B are activating ligands for anaplastic lymphoma kinase. ELife, 2015, 4, e09811.	6.0	123
33	Intragenic anaplastic lymphoma kinase (ALK) rearrangements: Translocations as a novel mechanism of ALK activation in neuroblastoma tumors. Genes Chromosomes and Cancer, 2015, 54, 99-109.	2.8	45
34	The Drosophila Midkine/Pleiotrophin Homologues Miple1 and Miple2 Affect Adult Lifespan but Are Dispensable for Alk Signaling during Embryonic Gut Formation. PLoS ONE, 2014, 9, e112250.	2.5	12
35	FAK Acts as a Suppressor of RTK-MAP Kinase Signalling in Drosophila melanogaster Epithelia and Human Cancer Cells. PLoS Genetics, 2014, 10, e1004262.	3.5	12
36	Tumour-associated mutations of PA-TM-RING ubiquitin ligases RNF167/RNF13 identify the PA domain as a determinant for endosomal localization. Biochemical Journal, 2014, 459, 27-36.	3.7	20

#	Article	IF	Citations
37	The kinase ALK stimulates the kinase ERK5 to promote the expression of the oncogene MYCN in neuroblastoma. Science Signaling, 2014, 7, ra102.	3.6	80
38	Phosphoproteomic analysis of anaplastic lymphoma kinase (<scp>ALK</scp>) downstream signaling pathways identifies signal transducer and activator of transcriptionÂ3 as a functional target of activated <scp>ALK</scp> in neuroblastoma cells. FEBS Journal, 2013, 280, 5269-5282.	4.7	35
39	Mechanistic insight into ALK receptor tyrosine kinase in human cancer biology. Nature Reviews Cancer, 2013, 13, 685-700.	28.4	538
40	Cell culture andDrosophilamodel systems define three classes of anaplastic lymphoma kinase mutations in neuroblastoma. DMM Disease Models and Mechanisms, 2013, 6, 373-82.	2.4	59
41	Goliath family E3 ligases regulate the recycling endosome pathway via VAMP3 ubiquitylation. EMBO Journal, 2013, 32, 524-537.	7.8	43
42	Jeb/Alk signalling regulates the Lame duck GLI family transcription factor in theDrosophilavisceral mesoderm. Development (Cambridge), 2013, 140, 3156-3166.	2.5	16
43	The Neuroblastoma ALK(I1250T) Mutation Is a Kinase-Dead RTK In Vitro and In Vivo. Translational Oncology, 2011, 4, 258-IN6.	3.7	27
44	Appearance of the Novel Activating F1174S ALK Mutation in Neuroblastoma Correlates with Aggressive Tumor Progression and Unresponsiveness to Therapy. Cancer Research, 2011, 71, 98-105.	0.9	80
45	Activating ALK mutations found in neuroblastoma are inhibited by Crizotinib and NVP-TAE684. Biochemical Journal, 2011, 440, 405-414.	3.7	77
46	The Receptor Tyrosine Kinase Alk Controls Neurofibromin Functions in Drosophila Growth and Learning. PLoS Genetics, 2011, 7, e1002281.	3.5	90
47	Characterisation of the role of Vrp1 in cell fusion during the development of visceral muscle of Drosophila melanogaster. BMC Developmental Biology, 2010, 10, 86.	2.1	5
48	The Rap1 Guanine Nucleotide Exchange Factor C3G Is Required for Preservation of Larval Muscle Integrity in Drosophila melanogaster. PLoS ONE, 2010, 5, e9403.	2.5	19
49	Fusion of circular and longitudinal muscles in Drosophila is independent of the endoderm but further visceral muscle differentiation requires a close contact between mesoderm and endoderm. Mechanisms of Development, 2009, 126, 721-736.	1.7	39
50	Anaplastic lymphoma kinase: signalling in development and disease. Biochemical Journal, 2009, 420, 345-361.	3.7	375
51	Anterograde Jelly belly and Alk Receptor Tyrosine Kinase Signaling Mediates Retinal Axon Targeting in Drosophila. Cell, 2007, 128, 961-975.	28.9	141
52	The ligand Jelly Belly (Jeb) activates theDrosophilaAlk RTK to drive PC12 cell differentiation, but is unable to activate theMouseALK RTK. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2007, 308B, 269-282.	1.3	32
53	Drosophila Anaplastic Lymphoma Kinase regulates Dpp signalling in the developing embryonic gut. Differentiation, 2007, 75, 418-426.	1.9	16
54	The bHLH transcription factor Hand is regulated by Alk in the Drosophila embryonic gut. Biochemical and Biophysical Research Communications, 2006, 351, 839-846.	2.1	27

#	Article	IF	Citations
55	Characterization of the expression of the ALK receptor tyrosine kinase in mice. Gene Expression Patterns, 2006, 6, 448-461.	0.8	142
56	Myoblast determination in the somatic and visceral mesoderm depends on Notch signalling as well as on milliways(mili Alk) as receptor for Jeb signalling. Development (Cambridge), 2004, 131, 743-754.	2.5	55
57	Jeb signals through the Alk receptor tyrosine kinase to drive visceral muscle fusion. Nature, 2003, 425, 512-516.	27.8	151
58	A crucial role for the Anaplastic lymphoma kinase receptor tyrosine kinase in gut development in Drosophila melanogaster. EMBO Reports, 2003, 4, 781-786.	4.5	104
59	Identification and characterization of DAlk: a novelDrosophila melanogasterRTK which drives ERK activationin vivo. Genes To Cells, 2001, 6, 531-544.	1.2	96
60	11q Deletion or ALK Activity Curbs DLG2 Expression to Maintain an Undifferentiated State in Neuroblastoma. SSRN Electronic Journal, 0, , .	0.4	0