

Philip W Hinds

List of Publications by Year in descending order

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76
papers

8,748
citations

94269

37
h-index

85405

71
g-index

78
all docs

78
docs citations

78
times ranked

8281
citing authors

#	ARTICLE	IF	CITATIONS
1	The p53 proto-oncogene can act as a suppressor of transformation. <i>Cell</i> , 1989, 57, 1083-1093.	13.5	1,958
2	Regulation of retinoblastoma protein functions by ectopic expression of human cyclins. <i>Cell</i> , 1992, 70, 993-1006.	13.5	1,007
3	Physical interaction of the retinoblastoma protein with human D cyclins. <i>Cell</i> , 1993, 73, 499-511.	13.5	787
4	A common polymorphism acts as an intragenic modifier of mutant p53 behaviour. <i>Nature Genetics</i> , 2000, 25, 47-54.	9.4	479
5	Cyclins and cdks in development and cancer: a perspective. <i>Oncogene</i> , 2005, 24, 2909-2915.	2.6	393
6	The Retinoblastoma Protein Acts as a Transcriptional Coactivator Required for Osteogenic Differentiation. <i>Molecular Cell</i> , 2001, 8, 303-316.	4.5	343
7	Cyclin D1-dependent kinase activity in murine development and mammary tumorigenesis. <i>Cancer Cell</i> , 2006, 9, 13-22.	7.7	293
8	Proliferation of Functional Hair Cells in Vivo in the Absence of the Retinoblastoma Protein. <i>Science</i> , 2005, 307, 1114-1118.	6.0	240
9	Tumor suppressor genes. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 135-141.	1.5	207
10	Terminal osteoblast differentiation, mediated by runx2 and p27KIP1, is disrupted in osteosarcoma. <i>Journal of Cell Biology</i> , 2004, 167, 925-934.	2.3	198
11	The retinoblastoma protein and the regulation of cell cycling. <i>Trends in Biochemical Sciences</i> , 1992, 17, 312-315.	3.7	176
12	Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. <i>Developmental Cell</i> , 2017, 43, 449-462.e5.	3.1	159
13	P53 is a tumor suppressor gene. <i>Cell</i> , 2004, 116, S67-S70.	13.5	158
14	Requirement for p27 KIP1 in Retinoblastoma Protein-Mediated Senescence. <i>Molecular and Cellular Biology</i> , 2001, 21, 3616-3631.	1.1	144
15	Cyclin D1 Kinase Activity Is Required for the Self-Renewal of Mammary Stem and Progenitor Cells that Are Targets of MMTV-ErbB2 Tumorigenesis. <i>Cancer Cell</i> , 2010, 17, 65-76.	7.7	123
16	Essential role of retinoblastoma protein in mammalian hair cell development and hearing. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 7345-7350.	3.3	115
17	Haploinsufficiency for BRCA1 leads to cell-type-specific genomic instability and premature senescence. <i>Nature Communications</i> , 2015, 6, 7505.	5.8	101
18	A Requirement for Cyclin-Dependent Kinase 6 in Thymocyte Development and Tumorigenesis. <i>Cancer Research</i> , 2009, 69, 810-818.	0.4	100

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19	Role of the Retinoblastoma Protein in Differentiation and Senescence. <i>Cancer Biology and Therapy</i> , 2003, 2, 124-130.	1.5	96
20	From Cell Cycle to Differentiation: An Expanding Role for Cdk6. <i>Cell Cycle</i> , 2006, 5, 266-270.	1.3	85
21	NDY1/KDM2B Functions as a Master Regulator of Polycomb Complexes and Controls Self-Renewal of Breast Cancer Stem Cells. <i>Cancer Research</i> , 2014, 74, 3935-3946.	0.4	79
22	Beyond the cell cycle: A new role for Cdk6 in differentiation. <i>Journal of Cellular Biochemistry</i> , 2006, 97, 485-493.	1.2	75
23	Multiple Functions of D-Type Cyclins Can Antagonize pRb-Mediated Suppression of Proliferation. <i>Cell Cycle</i> , 2005, 4, 329-337.	1.3	72
24	Re-expression of endogenous p16ink4a in oral squamous cell carcinoma lines by 5-aza-2'-deoxycytidine treatment induces a senescence-like state. <i>Oncogene</i> , 1998, 17, 3445-3453.	2.6	71
25	Increased Ezrin Expression and Activation by CDK5 Coincident with Acquisition of the Senescent Phenotype. <i>Molecular Cell</i> , 2003, 11, 1163-1176.	4.5	71
26	CDK6 kinase activity is required for thymocyte development. <i>Blood</i> , 2011, 117, 6120-6131.	0.6	64
27	Impaired bone development and increased mesenchymal progenitor cells in calvaria of RB1 ^{-/-} mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 18402-18407.	3.3	63
28	Cyclin D1 Activity Regulates Autophagy and Senescence in the Mammary Epithelium. <i>Cancer Research</i> , 2012, 72, 6477-6489.	0.4	62
29	Cellular Senescence Requires CDK5 Repression of Rac1 Activity. <i>Molecular and Cellular Biology</i> , 2004, 24, 2808-2819.	1.1	59
30	HES1 Cooperates With pRb to Activate RUNX2-Dependent Transcription. <i>Journal of Bone and Mineral Research</i> , 2006, 21, 921-933.	3.1	55
31	Immune response to RB1-regulated senescence limits radiation-induced osteosarcoma formation. <i>Journal of Clinical Investigation</i> , 2013, 123, 5351-5360.	3.9	54
32	CDK6 Antagonizes p53-Induced Responses during Tumorigenesis. <i>Cancer Discovery</i> , 2018, 8, 884-897.	7.7	53
33	cdk6 Can Shorten G1 Phase Dependent upon the N-terminal INK4 Interaction Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 29960-29967.	1.6	50
34	Loss of Heterozygosity of Chromosome 3p21 Is Associated with Mutant TP53 and Better Patient Survival in Non-Small-Cell Lung Cancer. <i>Cancer Research</i> , 2004, 64, 8702-8707.	0.4	48
35	Matrix Metalloprotease-1a Promotes Tumorigenesis and Metastasis. <i>Journal of Biological Chemistry</i> , 2012, 287, 24330-24338.	1.6	48
36	Multiple functions of D-type cyclins can antagonize pRb-mediated suppression of proliferation. <i>Cell Cycle</i> , 2005, 4, 330-8.	1.3	47

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37	The Retinoblastoma Protein in Osteoblast Differentiation and Osteosarcoma. <i>Current Molecular Medicine</i> , 2006, 6, 809-817.	0.6	38
38	Role of the retinoblastoma protein in differentiation and senescence. <i>Cancer Biology and Therapy</i> , 2003, 2, 124-30.	1.5	37
39	The retinoblastoma tumor suppressor protein. <i>Current Opinion in Genetics and Development</i> , 1995, 5, 79-83.	1.5	34
40	Cdk2 dethroned as master of S phase entry. <i>Cancer Cell</i> , 2003, 3, 305-307.	7.7	33
41	A Role for the Retinoblastoma Protein As a Regulator of Mouse Osteoblast Cell Adhesion: Implications for Osteogenesis and Osteosarcoma Formation. <i>PLoS ONE</i> , 2010, 5, e13954.	1.1	31
42	p35 Is Required for CDK5 Activation in Cellular Senescence. <i>Journal of Biological Chemistry</i> , 2010, 285, 14671-14680.	1.6	31
43	Osteosarcoma: prognosis plateau warrants retinoblastoma pathway targeted therapy. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16001.	7.1	30
44	Overlapping and distinct pRb pathways in the mammalian auditory and vestibular organs. <i>Cell Cycle</i> , 2011, 10, 337-351.	1.3	29
45	Non-destructive two-photon excited fluorescence imaging identifies early nodules in calcific aortic-valve disease. <i>Nature Biomedical Engineering</i> , 2017, 1, 914-924.	11.6	29
46	Phosphorylation of Ezrin by Cyclin-Dependent Kinase 5 Induces the Release of Rho GDP Dissociation Inhibitor to Inhibit Rac1 Activity in Senescent Cells. <i>Cancer Research</i> , 2006, 66, 2708-2715.	0.4	28
47	Loss of ARF Sensitizes Transgenic BRAFV600E Mice to UV-Induced Melanoma via Suppression of XPC. <i>Cancer Research</i> , 2013, 73, 4337-4348.	0.4	26
48	Cdk6 contributes to cytoskeletal stability in erythroid cells. <i>Haematologica</i> , 2017, 102, 995-1005.	1.7	24
49	pRb-mediated control of epithelial cell proliferation and Indian hedgehog expression in mouse intestinal development. , 2007, 7, 6.		20
50	Distinct subcellular distribution of cyclin dependent kinase 6. <i>Cell Cycle</i> , 2009, 8, 2837-2843.	1.3	20
51	ERM Proteins and Cdk5 in Cellular Senescence. <i>Cell Cycle</i> , 2003, 2, 517-520.	1.3	19
52	Akt3 induces oxidative stress and DNA damage by activating the NADPH oxidase via phosphorylation of p47 ^{phox} . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 28806-28815.	3.3	18
53	A yeast two-hybrid system for discerning differential interactions using multiple baits. <i>Nature Biotechnology</i> , 1999, 17, 1232-1233.	9.4	17
54	Williams-Beuren Syndrome-associated Transcription Factor TFII-I Regulates Osteogenic Marker Genes. <i>Journal of Biological Chemistry</i> , 2009, 284, 36234-36239.	1.6	15

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55	CDK6 binds and promotes the degradation of the EYA2 protein. <i>Cell Cycle</i> , 2014, 13, 62-71.	1.3	14
56	Expression of oncogenic BRAF ^{V600E} in melanocytes induces Schwannian differentiation <i>in vivo</i> . <i>Pigment Cell and Melanoma Research</i> , 2015, 28, 603-606.	1.5	14
57	The LxCxE pRb Interaction Domain of Cyclin D1 Is Dispensable for Murine Development. <i>Cancer Research</i> , 2007, 67, 7613-7620.	0.4	13
58	Alterations of 9p in squamous cell carcinoma and adenocarcinoma of the lung: association with smoking, TP53, and survival. <i>Cancer Genetics and Cytogenetics</i> , 2005, 162, 115-121.	1.0	12
59	Master or slave: The complex relationship of RBP2 and pRb. <i>Cancer Cell</i> , 2005, 7, 501-502.	7.7	11
60	A Confederacy of Kinases: Cdk2 and Cdk4 Conspire to Control Embryonic Cell Proliferation. <i>Molecular Cell</i> , 2006, 22, 432-433.	4.5	10
61	Loss of the Retinoblastoma Tumor Suppressor Protein in Murine Calvaria Facilitates Immortalization of Osteoblast-Adipocyte Bipotent Progenitor Cells Characterized by Low Expression of N-Cadherin. <i>Molecular and Cellular Biology</i> , 2012, 32, 2561-2569.	1.1	9
62	Proliferation of hippocampal progenitors relies on p27-dependent regulation of Cdk6 kinase activity. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 3817-3827.	2.4	9
63	ClipR-59 Interacts with Elmo2 and Modulates Myoblast Fusion. <i>Journal of Biological Chemistry</i> , 2015, 290, 6130-6140.	1.6	7
64	AKT1 Is Required for a Complete Palbociclib-Induced Senescence Phenotype in BRAF-V600E-Driven Human Melanoma. <i>Cancers</i> , 2022, 14, 572.	1.7	6
65	The retinoblastoma protein, RB, is required for gastrointestinal endocrine cells to exit the cell cycle, but not for hormone expression. <i>Developmental Biology</i> , 2007, 311, 478-486.	0.9	5
66	Discrete phosphorylated retinoblastoma protein isoform expression in mouse tooth development. <i>Journal of Molecular Histology</i> , 2012, 43, 281-288.	1.0	5
67	A Little pRB Can Lead to Big Problems. <i>Cancer Discovery</i> , 2014, 4, 764-765.	7.7	5
68	Knockdown of CD44 expression decreases valve interstitial cell calcification <i>in vitro</i> . <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H26-H36.	1.5	5
69	Conditional deletion of RB1 in the Tie2 lineage leads to aortic valve regurgitation. <i>PLoS ONE</i> , 2018, 13, e0190623.	1.1	4
70	Hyperlipidemia-induced metabolic changes in regulatory T cells result in altered function. <i>European Journal of Immunology</i> , 2021, 51, 2576-2589.	1.6	3
71	The role of cyclin-dependent kinase 6 in cardiac development and hypertrophy. <i>FASEB Journal</i> , 2013, 27, lb35.	0.2	2
72	The Retinoblastoma Protein in Osteoblast Differentiation and Osteosarcoma. <i>Current Molecular Medicine</i> , 2006, 6, 809-817.	0.6	1

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73	Commentary on Alfred G. Knudson, Jr.: "Hereditary Cancer, Oncogenes, and Antioncogenes" Cancer Research, 2016, 76, 2851-2853.	0.4	0
74	A paean to Arnie Levine on the occasion of his 80th birthday. Journal of Molecular Cell Biology, 2019, 11, 544-545.	1.5	0
75	Keeping quiet: a key role for dipeptidyl peptidase 2. Cell Cycle, 2009, 8, 2683-4.	1.3	0
76	Unbearable stress: collapse of the SSeCKS/AKAP12 scaffold leads to senescence and transformation. Cell Cycle, 2011, 10, 2833-4.	1.3	0