

Philip W Hinds

List of Publications by Year in descending order

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Version: 2024-02-01

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 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | A paeon to Arnie Levine on the occasion of his 80th birthday. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 544-545. | 1.5 | 0 |
| 5 | Knockdown of CD44 expression decreases valve interstitial cell calcification in vitro. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H26-H36. | 1.5 | 5 |
| 6 | 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 |
| 7 | Conditional deletion of RB1 in the Tie2 lineage leads to aortic valve regurgitation. <i>PLoS ONE</i> , 2018, 13, e0190623. | 1.1 | 4 |
| 8 | CDK6 Antagonizes p53-Induced Responses during Tumorigenesis. <i>Cancer Discovery</i> , 2018, 8, 884-897. | 7.7 | 53 |
| 9 | Cdk6 contributes to cytoskeletal stability in erythroid cells. <i>Haematologica</i> , 2017, 102, 995-1005. | 1.7 | 24 |
| 10 | 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 |
| 11 | Cell-Cycle Proteins Control Production of Neutrophil Extracellular Traps. <i>Developmental Cell</i> , 2017, 43, 449-462.e5. | 3.1 | 159 |
| 12 | Osteosarcoma: prognosis plateau warrants retinoblastoma pathway targeted therapy. <i>Signal Transduction and Targeted Therapy</i> , 2016, 1, 16001. | 7.1 | 30 |
| 13 | Commentary on Alfred G. Knudson, Jr.: "Hereditary Cancer, Oncogenes, and Antioncogenes". <i>Cancer Research</i> , 2016, 76, 2851-2853. | 0.4 | 0 |
| 14 | 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 |
| 15 | ClipR-59 Interacts with Elmo2 and Modulates Myoblast Fusion. <i>Journal of Biological Chemistry</i> , 2015, 290, 6130-6140. | 1.6 | 7 |
| 16 | Haploinsufficiency for BRCA1 leads to cell-type-specific genomic instability and premature senescence. <i>Nature Communications</i> , 2015, 6, 7505. | 5.8 | 101 |
| 17 | CDK6 binds and promotes the degradation of the EYA2 protein. <i>Cell Cycle</i> , 2014, 13, 62-71. | 1.3 | 14 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | A Little pRB Can Lead to Big Problems. <i>Cancer Discovery</i> , 2014, 4, 764-765. | 7.7 | 5 |
| 20 | 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 |
| 21 | Immune response to RB1-regulated senescence limits radiation-induced osteosarcoma formation. <i>Journal of Clinical Investigation</i> , 2013, 123, 5351-5360. | 3.9 | 54 |
| 22 | The role of cyclin-dependent kinase 6 in cardiac development and hypertrophy. <i>FASEB Journal</i> , 2013, 27, 1b35. | 0.2 | 2 |
| 23 | Matrix Metalloprotease-1a Promotes Tumorigenesis and Metastasis. <i>Journal of Biological Chemistry</i> , 2012, 287, 24330-24338. | 1.6 | 48 |
| 24 | 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 |
| 25 | Cyclin D1 Activity Regulates Autophagy and Senescence in the Mammary Epithelium. <i>Cancer Research</i> , 2012, 72, 6477-6489. | 0.4 | 62 |
| 26 | Discrete phosphorylated retinoblastoma protein isoform expression in mouse tooth development. <i>Journal of Molecular Histology</i> , 2012, 43, 281-288. | 1.0 | 5 |
| 27 | CDK6 kinase activity is required for thymocyte development. <i>Blood</i> , 2011, 117, 6120-6131. | 0.6 | 64 |
| 28 | Overlapping and distinct pRb pathways in the mammalian auditory and vestibular organs. <i>Cell Cycle</i> , 2011, 10, 337-351. | 1.3 | 29 |
| 29 | Unbearable stress: collapse of the SSeCKS/AKAP12 scaffold leads to senescence and transformation. <i>Cell Cycle</i> , 2011, 10, 2833-4. | 1.3 | 0 |
| 30 | 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 |
| 31 | 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 |
| 32 | p35 Is Required for CDK5 Activation in Cellular Senescence. <i>Journal of Biological Chemistry</i> , 2010, 285, 14671-14680. | 1.6 | 31 |
| 33 | Williams-Beuren Syndrome-associated Transcription Factor TFIIH Regulates Osteogenic Marker Genes. <i>Journal of Biological Chemistry</i> , 2009, 284, 36234-36239. | 1.6 | 15 |
| 34 | A Requirement for Cyclin-Dependent Kinase 6 in Thymocyte Development and Tumorigenesis. <i>Cancer Research</i> , 2009, 69, 810-818. | 0.4 | 100 |
| 35 | Distinct subcellular distribution of cyclin dependent kinase 6. <i>Cell Cycle</i> , 2009, 8, 2837-2843. | 1.3 | 20 |
| 36 | Keeping quiet: a key role for dipeptidyl peptidase 2. <i>Cell Cycle</i> , 2009, 8, 2683-4. | 1.3 | 0 |

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|----|---|-----|-----------|
| 37 | Impaired bone development and increased mesenchymal progenitor cells in calvaria of RB1 ^{-/-} mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 18402-18407. | 3.3 | 63 |
| 38 | The LxCxE pRb Interaction Domain of Cyclin D1 Is Dispensable for Murine Development. Cancer Research, 2007, 67, 7613-7620. | 0.4 | 13 |
| 39 | The retinoblastoma protein, RB, is required for gastrointestinal endocrine cells to exit the cell cycle, but not for hormone expression. Developmental Biology, 2007, 311, 478-486. | 0.9 | 5 |
| 40 | pRb-mediated control of epithelial cell proliferation and Indian hedgehog expression in mouse intestinal development. , 2007, 7, 6. | | 20 |
| 41 | A Confederacy of Kinases: Cdk2 and Cdk4 Conspire to Control Embryonic Cell Proliferation. Molecular Cell, 2006, 22, 432-433. | 4.5 | 10 |
| 42 | The Retinoblastoma Protein in Osteoblast Differentiation and Osteosarcoma. Current Molecular Medicine, 2006, 6, 809-817. | 0.6 | 1 |
| 43 | HES1 Cooperates With pRb to Activate RUNX2-Dependent Transcription. Journal of Bone and Mineral Research, 2006, 21, 921-933. | 3.1 | 55 |
| 44 | Cyclin D1-dependent kinase activity in murine development and mammary tumorigenesis. Cancer Cell, 2006, 9, 13-22. | 7.7 | 293 |
| 45 | Beyond the cell cycle: A new role for Cdk6 in differentiation. Journal of Cellular Biochemistry, 2006, 97, 485-493. | 1.2 | 75 |
| 46 | Phosphorylation of Ezrin by Cyclin-Dependent Kinase 5 Induces the Release of Rho GDP Dissociation Inhibitor to Inhibit Rac1 Activity in Senescent Cells. Cancer Research, 2006, 66, 2708-2715. | 0.4 | 28 |
| 47 | Essential role of retinoblastoma protein in mammalian hair cell development and hearing. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7345-7350. | 3.3 | 115 |
| 48 | From Cell Cycle to Differentiation: An Expanding Role for Cdk6. Cell Cycle, 2006, 5, 266-270. | 1.3 | 85 |
| 49 | The Retinoblastoma Protein in Osteoblast Differentiation and Osteosarcoma. Current Molecular Medicine, 2006, 6, 809-817. | 0.6 | 38 |
| 50 | Cyclins and cdks in development and cancer: a perspective. Oncogene, 2005, 24, 2909-2915. | 2.6 | 393 |
| 51 | Alterations of 9p in squamous cell carcinoma and adenocarcinoma of the lung: association with smoking, TP53, and survival. Cancer Genetics and Cytogenetics, 2005, 162, 115-121. | 1.0 | 12 |
| 52 | Master or slave: The complex relationship of RBP2 and pRb. Cancer Cell, 2005, 7, 501-502. | 7.7 | 11 |
| 53 | Multiple Functions of D-Type Cyclins Can Antagonize pRb-Mediated Suppression of Proliferation. Cell Cycle, 2005, 4, 329-337. | 1.3 | 72 |
| 54 | Proliferation of Functional Hair Cells in Vivo in the Absence of the Retinoblastoma Protein. Science, 2005, 307, 1114-1118. | 6.0 | 240 |

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|----|--|------|-----------|
| 55 | Multiple functions of D-type cyclins can antagonize pRb-mediated suppression of proliferation. <i>Cell Cycle</i> , 2005, 4, 330-8. | 1.3 | 47 |
| 56 | 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 |
| 57 | 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 |
| 58 | Cellular Senescence Requires CDK5 Repression of Rac1 Activity. <i>Molecular and Cellular Biology</i> , 2004, 24, 2808-2819. | 1.1 | 59 |
| 59 | P53 is a tumor suppressor gene. <i>Cell</i> , 2004, 116, S67-S70. | 13.5 | 158 |
| 60 | Cdk2 dethroned as master of S phase entry. <i>Cancer Cell</i> , 2003, 3, 305-307. | 7.7 | 33 |
| 61 | 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 |
| 62 | Role of the Retinoblastoma Protein in Differentiation and Senescence. <i>Cancer Biology and Therapy</i> , 2003, 2, 124-130. | 1.5 | 96 |
| 63 | ERM Proteins and Cdk5 in Cellular Senescence. <i>Cell Cycle</i> , 2003, 2, 517-520. | 1.3 | 19 |
| 64 | Role of the retinoblastoma protein in differentiation and senescence. <i>Cancer Biology and Therapy</i> , 2003, 2, 124-30. | 1.5 | 37 |
| 65 | The Retinoblastoma Protein Acts as a Transcriptional Coactivator Required for Osteogenic Differentiation. <i>Molecular Cell</i> , 2001, 8, 303-316. | 4.5 | 343 |
| 66 | Requirement for p27 KIP1 in Retinoblastoma Protein-Mediated Senescence. <i>Molecular and Cellular Biology</i> , 2001, 21, 3616-3631. | 1.1 | 144 |
| 67 | A common polymorphism acts as an intragenic modifier of mutant p53 behaviour. <i>Nature Genetics</i> , 2000, 25, 47-54. | 9.4 | 479 |
| 68 | 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 |
| 69 | A yeast two-hybrid system for discerning differential interactions using multiple baits. <i>Nature Biotechnology</i> , 1999, 17, 1232-1233. | 9.4 | 17 |
| 70 | 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 |
| 71 | The retinoblastoma tumor suppressor protein. <i>Current Opinion in Genetics and Development</i> , 1995, 5, 79-83. | 1.5 | 34 |
| 72 | Tumor suppressor genes. <i>Current Opinion in Genetics and Development</i> , 1994, 4, 135-141. | 1.5 | 207 |

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|----|---|------|-----------|
| 73 | Physical interaction of the retinoblastoma protein with human D cyclins. <i>Cell</i> , 1993, 73, 499-511. | 13.5 | 787 |
| 74 | The retinoblastoma protein and the regulation of cell cycling. <i>Trends in Biochemical Sciences</i> , 1992, 17, 312-315. | 3.7 | 176 |
| 75 | Regulation of retinoblastoma protein functions by ectopic expression of human cyclins. <i>Cell</i> , 1992, 70, 993-1006. | 13.5 | 1,007 |
| 76 | The p53 proto-oncogene can act as a suppressor of transformation. <i>Cell</i> , 1989, 57, 1083-1093. | 13.5 | 1,958 |