

Andrew Chan

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66
papers

6,907
citations

33
h-index

79
g-index

79
ext. papers

7,311
ext. citations

9.7
avg, IF

4.85
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 66 | Tumour-derived substrate-adherent cells promote neuroblastoma survival through secreted trophic factors. <i>Molecular Oncology</i> , 2021 , 15, 2011-2025 | 7.9 | 1 |
| 65 | SLC6A20 transporter: a novel regulator of brain glycine homeostasis and NMDAR function. <i>EMBO Molecular Medicine</i> , 2021 , 13, e12632 | 12 | 11 |
| 64 | PTEN Activity Defines an Axis for Plasticity at Cortico-Amygdala Synapses and Influences Social Behavior. <i>Cerebral Cortex</i> , 2020 , 30, 505-524 | 5.1 | 9 |
| 63 | Autism-associated PTEN missense mutation leads to enhanced nuclear localization and neurite outgrowth in an induced pluripotent stem cell line. <i>FEBS Journal</i> , 2020 , 287, 4848-4861 | 5.7 | 4 |
| 62 | Multifaceted Regulation of PTEN Subcellular Distributions and Biological Functions. <i>Cancers</i> , 2019 , 11, | 6.6 | 11 |
| 61 | Fresh evidence for major brain gangliosides as a target for the treatment of Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019 , 77, 128-143 | 5.6 | 19 |
| 60 | Identification of a PTEN mutation with reduced protein stability, phosphatase activity, and nuclear localization in Hong Kong patients with autistic features, neurodevelopmental delays, and macrocephaly. <i>Autism Research</i> , 2018 , 11, 1098-1109 | 5.1 | 8 |
| 59 | Differential regulation of the pro-inflammatory biomarker, YKL-40/CHI3L1, by PTEN/Phosphoinositide 3-kinase and JAK2/STAT3 pathways in glioblastoma. <i>Cancer Letters</i> , 2018 , 429, 54-65 | 9.9 | 14 |
| 58 | Loss of tumor suppressor IGFBP4 drives epigenetic reprogramming in hepatic carcinogenesis. <i>Nucleic Acids Research</i> , 2018 , 46, 8832-8847 | 20.1 | 16 |
| 57 | Homology-independent multiallelic disruption via CRISPR/Cas9-based knock-in yields distinct functional outcomes in human cells. <i>BMC Biology</i> , 2018 , 16, 151 | 7.3 | 5 |
| 56 | PTEN PDZ-binding domain suppresses mammary carcinogenesis in the MMTV-PyMT breast cancer model. <i>Cancer Letters</i> , 2018 , 430, 67-78 | 9.9 | 5 |
| 55 | A thirty-year quest for a role of R-Ras in cancer: from an oncogene to a multitasking GTPase. <i>Cancer Letters</i> , 2017 , 403, 59-65 | 9.9 | 25 |
| 54 | Eriocalyxin B, a novel autophagy inducer, exerts anti-tumor activity through the suppression of Akt/mTOR/p70S6K signaling pathway in breast cancer. <i>Biochemical Pharmacology</i> , 2017 , 142, 58-70 | 6 | 32 |
| 53 | MAGI-1 Interacts with Nephrin to Maintain Slit Diaphragm Structure through Enhanced Rap1 Activation in Podocytes. <i>Journal of Biological Chemistry</i> , 2016 , 291, 24406-24417 | 5.4 | 12 |
| 52 | PTEN recruitment controls synaptic and cognitive function in Alzheimer's models. <i>Nature Neuroscience</i> , 2016 , 19, 443-53 | 25.5 | 91 |
| 51 | Brain Hyperechogenicities are not Associated with Venous Insufficiency in Multiple Sclerosis: A Pilot Neurosonology Study. <i>Journal of Neuroimaging</i> , 2016 , 26, 150-5 | 2.8 | 2 |
| 50 | R-Ras Regulates Murine T Cell Migration and Intercellular Adhesion Molecule-1 Binding. <i>PLoS ONE</i> , 2015 , 10, e0145218 | 3.7 | 5 |

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| 49 | A CCRK-EZH2 epigenetic circuitry drives hepatocarcinogenesis and associates with tumor recurrence and poor survival of patients. <i>Journal of Hepatology</i> , 2015 , 62, 1100-11 | 13.4 | 49 |
| 48 | An increase in tolerogenic dendritic cell and natural regulatory T cell numbers during experimental autoimmune encephalomyelitis in Rras-/- mice results in attenuated disease. <i>Journal of Immunology</i> , 2014 , 192, 5109-17 | 5.3 | 12 |
| 47 | Genetic dissection of plexin signaling in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 2194-9 | 11.5 | 43 |
| 46 | Differential sensitivities of glioblastoma cell lines towards metabolic and signaling pathway inhibitions. <i>Cancer Letters</i> , 2013 , 336, 299-306 | 9.9 | 22 |
| 45 | AKT upregulates B-Raf Ser445 phosphorylation and ERK1/2 activation in prostate cancer cells in response to androgen depletion. <i>Experimental Cell Research</i> , 2013 , 319, 1732-1743 | 4.2 | 16 |
| 44 | R-Ras is required for murine dendritic cell maturation and CD4+ T-cell priming. <i>Blood</i> , 2012 , 119, 1693-7012 | 12 | 19 |
| 43 | Characterization of a novel PTEN mutation in MDA-MB-453 breast carcinoma cell line. <i>BMC Cancer</i> , 2011 , 11, 490 | 4.8 | 13 |
| 42 | Post-translational modifications of PTEN and their potential therapeutic implications. <i>Current Cancer Drug Targets</i> , 2011 , 11, 536-47 | 2.8 | 34 |
| 41 | Cooperative Cross-Talk between Neuroblastoma Subtypes Confers Resistance to Anaplastic Lymphoma Kinase Inhibition. <i>Genes and Cancer</i> , 2011 , 2, 538-49 | 2.9 | 6 |
| 40 | Inquiry learning. Integrating content detail and critical reasoning by peer review. <i>Science</i> , 2008 , 319, 1189-90 | 3.9 | 10 |
| 39 | Teaching resources. Using web-based discussion forums as a model of the peer-review process and a tool for assessment. <i>Science Signaling</i> , 2008 , 1, tr2 | 8.8 | 1 |
| 38 | Functional inactivation of the KLF6 tumor suppressor gene by loss of heterozygosity and increased alternative splicing in glioblastoma. <i>International Journal of Cancer</i> , 2007 , 121, 1390-5 | 7.5 | 63 |
| 37 | Regulation of PTEN activity by its carboxyl-terminal autoinhibitory domain. <i>Journal of Biological Chemistry</i> , 2007 , 282, 23306-15 | 5.4 | 132 |
| 36 | Phagocytosis of apoptotic inflammatory cells downregulates microglial chemoattractive function and migration of encephalitogenic T cells. <i>Journal of Neuroscience Research</i> , 2006 , 84, 1217-24 | 4.4 | 14 |
| 35 | Characterization of R-ras3/m-ras null mice reveals a potential role in trophic factor signaling. <i>Molecular and Cellular Biology</i> , 2006 , 26, 7145-54 | 4.8 | 16 |
| 34 | Teaching resources. Ras-MAPK pathways. <i>Science Signaling</i> , 2005 , 2005, tr5 | 8.8 | 9 |
| 33 | The human tumour suppressor PTEN regulates longevity and dauer formation in <i>Caenorhabditis elegans</i> . <i>Oncogene</i> , 2005 , 24, 20-7 | 9.2 | 56 |
| 32 | TIM, a Dbl-related protein, regulates cell shape and cytoskeletal organization in a Rho-dependent manner. <i>Cellular Signalling</i> , 2005 , 17, 461-71 | 4.9 | 26 |

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| 31 | Targeted inhibition of the KLF6 splice variant, KLF6 SV1, suppresses prostate cancer cell growth and spread. <i>Cancer Research</i> , 2005 , 65, 5761-8 | 10.1 | 133 |
| 30 | Suppression of glioblastoma tumorigenicity by the Kruppel-like transcription factor KLF6. <i>Oncogene</i> , 2004 , 23, 5077-83 | 9.2 | 75 |
| 29 | A putative link between exocytosis and tumor development. <i>Cancer Cell</i> , 2002 , 2, 427-8 | 24.3 | 13 |
| 28 | Induction of homologue of Slimb ubiquitin ligase receptor by mitogen signaling. <i>Journal of Biological Chemistry</i> , 2002 , 277, 36624-30 | 5.4 | 42 |
| 27 | R-Ras3/M-Ras induces neuronal differentiation of PC12 cells through cell-type-specific activation of the mitogen-activated protein kinase cascade. <i>Molecular and Cellular Biology</i> , 2002 , 22, 5946-61 | 4.8 | 42 |
| 26 | Small GTPases and tyrosine kinases coregulate a molecular switch in the phosphoinositide 3-kinase regulatory subunit. <i>Cancer Cell</i> , 2002 , 1, 181-91 | 24.3 | 120 |
| 25 | KLF6, a candidate tumor suppressor gene mutated in prostate cancer. <i>Science</i> , 2001 , 294, 2563-6 | 33.3 | 367 |
| 24 | Inhibition of H-Ras transformation by the PTEN/MMAC1/TEP1 tumor suppressor gene. <i>Oncogene</i> , 2000 , 19, 680-9 | 9.2 | 59 |
| 23 | R-Ras3, a brain-specific Ras-related protein, activates Akt and promotes cell survival in PC12 cells. <i>Oncogene</i> , 2000 , 19, 2014-22 | 9.2 | 44 |
| 22 | Regulatory proteins of R-Ras, TC21/R-Ras2, and M-Ras/R-Ras3. <i>Journal of Biological Chemistry</i> , 2000 , 275, 20020-6 | 5.4 | 122 |
| 21 | Transforming growth factor-beta 1 suppresses serum deprivation-induced death of A549 cells through differential effects on c-Jun and JNK activities. <i>Journal of Biological Chemistry</i> , 2000 , 275, 18234-42 | 5.4 | 48 |
| 20 | Differential roles of Akt, Rac, and Ral in R-Ras-mediated cellular transformation, adhesion, and survival. <i>Molecular and Cellular Biology</i> , 1999 , 19, 6333-44 | 4.8 | 70 |
| 19 | Cooperative transformation of NIH3T3 cells by G alpha12 and Rac1. <i>Oncogene</i> , 1997 , 15, 727-35 | 9.2 | 25 |
| 18 | Identification and characterization of R-ras3: a novel member of the RAS gene family with a non-ubiquitous pattern of tissue distribution. <i>Oncogene</i> , 1997 , 15, 2675-85 | 9.2 | 73 |
| 17 | Serum withdrawal and etoposide induce apoptosis in human lung carcinoma cell line A549 via distinct pathways. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 1997 , 2, 199-206 | 5.4 | 18 |
| 16 | Hepatocyte growth factor (HGF)/NK1 is a naturally occurring HGF/scatter factor variant with partial agonist/antagonist activity. <i>Journal of Biological Chemistry</i> , 1996 , 271, 13110-5 | 5.4 | 103 |
| 15 | Expression pattern of MRP in human tissues and adult solid tumor cell lines. <i>Journal of the National Cancer Institute</i> , 1995 , 87, 1256-8 | 9.7 | 68 |
| 14 | Assignment of the human TIM proto-oncogene to 7q33-->q35. <i>Cancer Genetics and Cytogenetics</i> , 1995 , 83, 87-9 | | 8 |

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|----|---|------|------|
| 13 | A novel insertional mutation in the TC21 gene activates its transforming activity in a human leiomyosarcoma cell line. <i>Oncogene</i> , 1995 , 11, 1255-60 | 9.2 | 39 |
| 12 | Identification of novel genes, SYT and SSX, involved in the t(X;18)(p11.2;q11.2) translocation found in human synovial sarcoma. <i>Nature Genetics</i> , 1994 , 7, 502-8 | 36.3 | 643 |
| 11 | A human oncogene of the RAS superfamily unmasked by expression cDNA cloning. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994 , 91, 7558-62 | 11.5 | 81 |
| 10 | Expression complementary DNA library transfer establishes mrp as a multidrug resistance gene. <i>Cancer Research</i> , 1994 , 54, 1649-52 | 10.1 | 83 |
| 9 | Determination of ligand-binding specificity by alternative splicing: two distinct growth factor receptors encoded by a single gene. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 246-50 | 11.5 | 670 |
| 8 | Expression cloning of a human dual-specificity phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1992 , 89, 12170-4 | 11.5 | 177 |
| 7 | Processing of hepatocyte growth factor to the heterodimeric form is required for biological activity. <i>FEBS Letters</i> , 1992 , 311, 17-21 | 3.8 | 65 |
| 6 | Met and hepatocyte growth factor/scatter factor signal transduction in normal melanocytes and melanoma cells. <i>Oncogene</i> , 1992 , 7, 2195-206 | 9.2 | 130 |
| 5 | A broad-spectrum human lung fibroblast-derived mitogen is a variant of hepatocyte growth factor. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1991 , 88, 415-9 | 11.5 | 470 |
| 4 | Identification of the hepatocyte growth factor receptor as the c-met proto-oncogene product. <i>Science</i> , 1991 , 251, 802-4 | 33.3 | 2046 |
| 3 | Identification of a competitive HGF antagonist encoded by an alternative transcript. <i>Science</i> , 1991 , 254, 1382-5 | 33.3 | 201 |
| 2 | Characterization of the translocation between chromosomes X and 18 in human synovial sarcomas. <i>Oncogene</i> , 1989 , 4, 373-8 | 9.2 | 35 |
| 1 | Activation of the met oncogene in the human MNNG-HOS cell line involves a chromosomal rearrangement. <i>Carcinogenesis</i> , 1986 , 7, 2051-7 | 4.6 | 24 |