

# Andrew Chan

## List of Publications by Citations

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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	Identification of the hepatocyte growth factor receptor as the c-met proto-oncogene product. <i>Science</i> , <b>1991</b> , 251, 802-4	33.3	2046
65	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> , <b>1992</b> , 89, 246-50	11.5	670
64	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> , <b>1994</b> , 7, 502-8	36.3	643
63	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> , <b>1991</b> , 88, 415-9	11.5	470
62	KLF6, a candidate tumor suppressor gene mutated in prostate cancer. <i>Science</i> , <b>2001</b> , 294, 2563-6	33.3	367
61	Identification of a competitive HGF antagonist encoded by an alternative transcript. <i>Science</i> , <b>1991</b> , 254, 1382-5	33.3	201
60	Expression cloning of a human dual-specificity phosphatase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1992</b> , 89, 12170-4	11.5	177
59	Targeted inhibition of the KLF6 splice variant, KLF6 SV1, suppresses prostate cancer cell growth and spread. <i>Cancer Research</i> , <b>2005</b> , 65, 5761-8	10.1	133
58	Regulation of PTEN activity by its carboxyl-terminal autoinhibitory domain. <i>Journal of Biological Chemistry</i> , <b>2007</b> , 282, 23306-15	5.4	132
57	Met and hepatocyte growth factor/scatter factor signal transduction in normal melanocytes and melanoma cells. <i>Oncogene</i> , <b>1992</b> , 7, 2195-206	9.2	130
56	Regulatory proteins of R-Ras, TC21/R-Ras2, and M-Ras/R-Ras3. <i>Journal of Biological Chemistry</i> , <b>2000</b> , 275, 20020-6	5.4	122
55	Small GTPases and tyrosine kinases coregulate a molecular switch in the phosphoinositide 3-kinase regulatory subunit. <i>Cancer Cell</i> , <b>2002</b> , 1, 181-91	24.3	120
54	Hepatocyte growth factor (HGF)/NK1 is a naturally occurring HGF/scatter factor variant with partial agonist/antagonist activity. <i>Journal of Biological Chemistry</i> , <b>1996</b> , 271, 13110-5	5.4	103
53	PTEN recruitment controls synaptic and cognitive function in Alzheimer's models. <i>Nature Neuroscience</i> , <b>2016</b> , 19, 443-53	25.5	91
52	Expression complementary DNA library transfer establishes mrp as a multidrug resistance gene. <i>Cancer Research</i> , <b>1994</b> , 54, 1649-52	10.1	83
51	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> , <b>1994</b> , 91, 7558-62	11.5	81
50	Suppression of glioblastoma tumorigenicity by the Kruppel-like transcription factor KLF6. <i>Oncogene</i> , <b>2004</b> , 23, 5077-83	9.2	75

49	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> , <b>1997</b> , 15, 2675-85	9.2	73
48	Differential roles of Akt, Rac, and Ral in R-Ras-mediated cellular transformation, adhesion, and survival. <i>Molecular and Cellular Biology</i> , <b>1999</b> , 19, 6333-44	4.8	70
47	Expression pattern of MRP in human tissues and adult solid tumor cell lines. <i>Journal of the National Cancer Institute</i> , <b>1995</b> , 87, 1256-8	9.7	68
46	Processing of hepatocyte growth factor to the heterodimeric form is required for biological activity. <i>FEBS Letters</i> , <b>1992</b> , 311, 17-21	3.8	65
45	Functional inactivation of the KLF6 tumor suppressor gene by loss of heterozygosity and increased alternative splicing in glioblastoma. <i>International Journal of Cancer</i> , <b>2007</b> , 121, 1390-5	7.5	63
44	Inhibition of H-Ras transformation by the PTEN/MMAC1/TEP1 tumor suppressor gene. <i>Oncogene</i> , <b>2000</b> , 19, 680-9	9.2	59
43	The human tumour suppressor PTEN regulates longevity and dauer formation in <i>Caenorhabditis elegans</i> . <i>Oncogene</i> , <b>2005</b> , 24, 20-7	9.2	56
42	A CCRK-EZH2 epigenetic circuitry drives hepatocarcinogenesis and associates with tumor recurrence and poor survival of patients. <i>Journal of Hepatology</i> , <b>2015</b> , 62, 1100-11	13.4	49
41	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> , <b>2000</b> , 275, 18234-42	5.4	48
40	R-Ras3, a brain-specific Ras-related protein, activates Akt and promotes cell survival in PC12 cells. <i>Oncogene</i> , <b>2000</b> , 19, 2014-22	9.2	44
39	Genetic dissection of plexin signaling in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2014</b> , 111, 2194-9	11.5	43
38	Induction of homologue of Slimb ubiquitin ligase receptor by mitogen signaling. <i>Journal of Biological Chemistry</i> , <b>2002</b> , 277, 36624-30	5.4	42
37	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> , <b>2002</b> , 22, 5946-61	4.8	42
36	A novel insertional mutation in the TC21 gene activates its transforming activity in a human leiomyosarcoma cell line. <i>Oncogene</i> , <b>1995</b> , 11, 1255-60	9.2	39
35	Characterization of the translocation between chromosomes X and 18 in human synovial sarcomas. <i>Oncogene</i> , <b>1989</b> , 4, 373-8	9.2	35
34	Post-translational modifications of PTEN and their potential therapeutic implications. <i>Current Cancer Drug Targets</i> , <b>2011</b> , 11, 536-47	2.8	34
33	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> , <b>2017</b> , 142, 58-70	6	32
32	TIM, a Dbl-related protein, regulates cell shape and cytoskeletal organization in a Rho-dependent manner. <i>Cellular Signalling</i> , <b>2005</b> , 17, 461-71	4.9	26

31	A thirty-year quest for a role of R-Ras in cancer: from an oncogene to a multitasking GTPase. <i>Cancer Letters</i> , <b>2017</b> , 403, 59-65	9.9	25
30	Cooperative transformation of NIH3T3 cells by G alpha12 and Rac1. <i>Oncogene</i> , <b>1997</b> , 15, 727-35	9.2	25
29	Activation of the met oncogene in the human MNNG-HOS cell line involves a chromosomal rearrangement. <i>Carcinogenesis</i> , <b>1986</b> , 7, 2051-7	4.6	24
28	Differential sensitivities of glioblastoma cell lines towards metabolic and signaling pathway inhibitions. <i>Cancer Letters</i> , <b>2013</b> , 336, 299-306	9.9	22
27	Fresh evidence for major brain gangliosides as a target for the treatment of Alzheimer's disease. <i>Neurobiology of Aging</i> , <b>2019</b> , 77, 128-143	5.6	19
26	R-Ras is required for murine dendritic cell maturation and CD4+ T-cell priming. <i>Blood</i> , <b>2012</b> , 119, 1693-7012	9.2	19
25	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> , <b>1997</b> , 2, 199-206	5.4	18
24	Loss of tumor suppressor IGFBP4 drives epigenetic reprogramming in hepatic carcinogenesis. <i>Nucleic Acids Research</i> , <b>2018</b> , 46, 8832-8847	20.1	16
23	AKT upregulates B-Raf Ser445 phosphorylation and ERK1/2 activation in prostate cancer cells in response to androgen depletion. <i>Experimental Cell Research</i> , <b>2013</b> , 319, 1732-1743	4.2	16
22	Characterization of R-ras3/m-ras null mice reveals a potential role in trophic factor signaling. <i>Molecular and Cellular Biology</i> , <b>2006</b> , 26, 7145-54	4.8	16
21	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> , <b>2018</b> , 429, 54-65	9.9	14
20	Phagocytosis of apoptotic inflammatory cells downregulates microglial chemoattractive function and migration of encephalitogenic T cells. <i>Journal of Neuroscience Research</i> , <b>2006</b> , 84, 1217-24	4.4	14
19	Characterization of a novel PTEN mutation in MDA-MB-453 breast carcinoma cell line. <i>BMC Cancer</i> , <b>2011</b> , 11, 490	4.8	13
18	A putative link between exocytosis and tumor development. <i>Cancer Cell</i> , <b>2002</b> , 2, 427-8	24.3	13
17	MAGI-1 Interacts with Nephrin to Maintain Slit Diaphragm Structure through Enhanced Rap1 Activation in Podocytes. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 24406-24417	5.4	12
16	An increase in tolerogenic dendritic cell and natural regulatory T cell numbers during experimental autoimmune encephalomyelitis in Rras <sup>-/-</sup> mice results in attenuated disease. <i>Journal of Immunology</i> , <b>2014</b> , 192, 5109-17	5.3	12
15	Multifaceted Regulation of PTEN Subcellular Distributions and Biological Functions. <i>Cancers</i> , <b>2019</b> , 11,	6.6	11
14	SLC6A20 transporter: a novel regulator of brain glycine homeostasis and NMDAR function. <i>EMBO Molecular Medicine</i> , <b>2021</b> , 13, e12632	12	11

13	Inquiry learning. Integrating content detail and critical reasoning by peer review. <i>Science</i> , <b>2008</b> , 319, 1189-90	9.5	10
12	PTEN Activity Defines an Axis for Plasticity at Cortico-Amygdala Synapses and Influences Social Behavior. <i>Cerebral Cortex</i> , <b>2020</b> , 30, 505-524	5.1	9
11	Teaching resources. Ras-MAPK pathways. <i>Science Signaling</i> , <b>2005</b> , 2005, tr5	8.8	9
10	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> , <b>2018</b> , 11, 1098-1109	5.1	8
9	Assignment of the human TIM proto-oncogene to 7q33-->q35. <i>Cancer Genetics and Cytogenetics</i> , <b>1995</b> , 83, 87-9		8
8	Cooperative Cross-Talk between Neuroblastoma Subtypes Confers Resistance to Anaplastic Lymphoma Kinase Inhibition. <i>Genes and Cancer</i> , <b>2011</b> , 2, 538-49	2.9	6
7	R-Ras Regulates Murine T Cell Migration and Intercellular Adhesion Molecule-1 Binding. <i>PLoS ONE</i> , <b>2015</b> , 10, e0145218	3.7	5
6	Homology-independent multiallelic disruption via CRISPR/Cas9-based knock-in yields distinct functional outcomes in human cells. <i>BMC Biology</i> , <b>2018</b> , 16, 151	7.3	5
5	PTEN PDZ-binding domain suppresses mammary carcinogenesis in the MMTV-PyMT breast cancer model. <i>Cancer Letters</i> , <b>2018</b> , 430, 67-78	9.9	5
4	Autism-associated PTEN missense mutation leads to enhanced nuclear localization and neurite outgrowth in an induced pluripotent stem cell line. <i>FEBS Journal</i> , <b>2020</b> , 287, 4848-4861	5.7	4
3	Brain Hyperechogenicities are not Associated with Venous Insufficiency in Multiple Sclerosis: A Pilot Neurosonology Study. <i>Journal of Neuroimaging</i> , <b>2016</b> , 26, 150-5	2.8	2
2	Teaching resources. Using web-based discussion forums as a model of the peer-review process and a tool for assessment. <i>Science Signaling</i> , <b>2008</b> , 1, tr2	8.8	1
1	Tumour-derived substrate-adherent cells promote neuroblastoma survival through secreted trophic factors. <i>Molecular Oncology</i> , <b>2021</b> , 15, 2011-2025	7.9	1