

# Edward H Cho

## List of Publications by Year in descending order

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42  
papers

4,003  
citations

185998

28  
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344852

36  
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43  
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43  
docs citations

43  
times ranked

7821  
citing authors

#	ARTICLE	IF	CITATIONS
1	AP-2 $\beta$ Is Required for Maintenance of Multipotent Mammary Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 106-119.	2.3	4
2	AP-2 $\beta$ Regulates S-Phase and Is a Marker for Sensitivity to PI3K Inhibitor Buparlisib in Colon Cancer. <i>Molecular Cancer Research</i> , 2021, 19, 1156-1167.	1.5	11
3	Whole-genome mutational burden analysis of three pluripotency induction methods. <i>Nature Communications</i> , 2016, 7, 10536.	5.8	109
4	Loss of PTEN induces microtentacles through PI3K-independent activation of cofilin. <i>Oncogene</i> , 2013, 32, 2200-2210.	2.6	41
5	Fluid biopsy for circulating tumor cell identification in patients with early-and late-stage non-small cell lung cancer: a glimpse into lung cancer biology. <i>Physical Biology</i> , 2012, 9, 016005.	0.8	120
6	Cytometric comparisons between circulating tumor cells from prostate cancer patients and the prostate-tumor-derived LNCaP cell line. <i>Physical Biology</i> , 2012, 9, 016002.	0.8	56
7	Site-specific DNA-antibody conjugates for specific and sensitive immuno-PCR. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 3731-3736.	3.3	122
8	Characterization of circulating tumor cell aggregates identified in patients with epithelial tumors. <i>Physical Biology</i> , 2012, 9, 016001.	0.8	176
9	Abstract 3619: The absence of cleaved caspase-3 in circulating tumor cells detected using a non-enrichment-based assay. , 2012, , .		1
10	Circulating tumor cells as emerging tumor biomarkers in lung cancer. <i>Journal of Thoracic Disease</i> , 2012, 4, 444-5.	0.6	2
11	Local anesthetics inhibit kinesin motility and microtentacle protrusions in human epithelial and breast tumor cells. <i>Breast Cancer Research and Treatment</i> , 2011, 129, 691-701.	1.1	63
12	Abstract 4151: High definition circulating tumor cells in patients with non-small cell lung cancer. , 2011, , .		0
13	Abstract 5225: Quantification of circulating tumor cell aggregates in breast cancer patient blood using an enrichment-free detection method. , 2011, , .		3
14	Antimitotic chemotherapeutics promote adhesive responses in detached and circulating tumor cells. <i>Breast Cancer Research and Treatment</i> , 2010, 121, 65-78.	1.1	41
15	c-Src differentially regulates the functions of microtentacles and invadopodia. <i>Oncogene</i> , 2010, 29, 6402-6408.	2.6	62
16	Metastatic breast tumors express increased tau, which promotes microtentacle formation and the reattachment of detached breast tumor cells. <i>Oncogene</i> , 2010, 29, 3217-3227.	2.6	86
17	Epithelial-to-Mesenchymal Transition Promotes Tubulin Detyrosination and Microtentacles that Enhance Endothelial Engagement. <i>Cancer Research</i> , 2010, 70, 8127-8137.	0.4	126
18	Delocalization of $\beta$ -tubulin due to increased solubility in human breast cancer cell lines. <i>Cancer Biology and Therapy</i> , 2010, 9, 66-76.	1.5	18

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19	Abstract 1464: EMT-induced tubulin detyrosination can be inhibited with parthenolide, reducing microtentacles and the lung retention of circulating breast tumor cells. , 2010, , .		0
20	The heavy metal cadmium induces valosin-containing protein (VCP)-mediated aggresome formation. Toxicology and Applied Pharmacology, 2008, 228, 351-363.	1.3	29
21	Inhibition of Metastatic Outgrowth from Single Dormant Tumor Cells by Targeting the Cytoskeleton. Cancer Research, 2008, 68, 6241-6250.	0.4	377
22	Vimentin Filaments Support Extension of Tubulin-Based Microtentacles in Detached Breast Tumor Cells. Cancer Research, 2008, 68, 5678-5688.	0.4	111
23	Restricted lateral mobility of plasma membrane CD4 impairs HIV-1 envelope glycoprotein mediated fusion. Molecular Membrane Biology, 2008, 25, 83-94.	2.0	28
24	Induction of the Formyl Peptide Receptor 2 in Microglia by IFN- $\beta$ and Synergy with CD40 Ligand. Journal of Immunology, 2007, 178, 1759-1766.	0.4	34
25	Sphingomyelinase Restricts the Lateral Diffusion of CD4 and Inhibits Human Immunodeficiency Virus Fusion. Journal of Virology, 2007, 81, 5294-5304.	1.5	55
26	Interleukin 10 and TNF $\alpha$ synergistically enhance the expression of the G protein-coupled formylpeptide receptor 2 in microglia. Neurobiology of Disease, 2007, 27, 90-98.	2.1	10
27	IL-6 enhances the nuclear translocation of DNA cytosine-5-methyltransferase 1 (DNMT1) via phosphorylation of the nuclear localization sequence by the AKT kinase. Cancer Genomics and Proteomics, 2007, 4, 387-98.	1.0	57
28	Calibration and standardization of the emission light path of confocal microscopes. Journal of Microscopy, 2006, 223, 15-25.	0.8	15
29	Activation of Toll-like Receptor 2 on Microglia Promotes Cell Uptake of Alzheimer Disease-associated Amyloid $\beta$ Peptide. Journal of Biological Chemistry, 2006, 281, 3651-3659.	1.6	194
30	CpG $\alpha$ -containing oligodeoxynucleotide promotes microglial cell uptake of amyloid $\beta$ 1-42 peptide by up $\alpha$ -regulating the expression of the G $\alpha$ -protein-coupled receptor mFPR2. FASEB Journal, 2005, 19, 2032-2034.	0.2	83
31	Epigenetic silencing of manganese superoxide dismutase (SOD-2) in KAS 6/1 human multiple myeloma cells increases cell proliferation. Cancer Biology and Therapy, 2005, 4, 585-592.	1.5	50
32	Secreted Semaphorins Modulate Synaptic Transmission in the Adult Hippocampus. Journal of Neuroscience, 2005, 25, 3613-3620.	1.7	147
33	Osteoblast Adhesion on Tissue Engineering Scaffolds Made by Bio-Manufacturing Techniques. , 2005, , .		0
34	In Vivo HIV-1 Rev Multimerization in the Nucleolus and Cytoplasm Identified by Fluorescence Resonance Energy Transfer. Journal of Biological Chemistry, 2004, 279, 50167-50175.	1.6	53
35	Role of Murine Leukemia Virus Nucleocapsid Protein in Virus Assembly. Journal of Virology, 2004, 78, 12378-12385.	1.5	52
36	Identification of Neutrophil Granule Protein Cathepsin G as a Novel Chemotactic Agonist for the G Protein-Coupled Formyl Peptide Receptor. Journal of Immunology, 2004, 173, 428-436.	0.4	115

#	ARTICLE	IF	CITATIONS
37	Automatic and Quantitative Measurement of Protein-Protein Colocalization in Live Cells. Biophysical Journal, 2004, 86, 3993-4003.	0.2	1,235
38	Identification of Probabilistic Transcriptional Switches in the Ly49 Gene Cluster. Immunity, 2004, 21, 55-66.	6.6	94
39	A TREM family member, TLT-1, is found exclusively in the $\alpha$ -granules of megakaryocytes and platelets. Blood, 2004, 104, 1042-1047.	0.6	98
40	Association of Lsh, a Regulator of DNA Methylation, with Pericentromeric Heterochromatin Is Dependent on Intact Heterochromatin. Molecular and Cellular Biology, 2003, 23, 8416-8428.	1.1	76
41	Lsh-deficient murine embryonal fibroblasts show reduced proliferation with signs of abnormal mitosis. Cancer Research, 2003, 63, 4677-83.	0.4	48
42	FRAP model to determine the bidirectional transport rate of GFP across the nuclear membrane and the mobile fraction in the cytoplasm and nucleus. , 2002, , .		0