

Edward H Cho

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

4,003
citations

185998

28
h-index

344852

36
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43
all docs

43
docs citations

43
times ranked

7821
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic and Quantitative Measurement of Protein-Protein Colocalization in Live Cells. <i>Biophysical Journal</i> , 2004, 86, 3993-4003.	0.2	1,235
2	Inhibition of Metastatic Outgrowth from Single Dormant Tumor Cells by Targeting the Cytoskeleton. <i>Cancer Research</i> , 2008, 68, 6241-6250.	0.4	377
3	Activation of Toll-like Receptor 2 on Microglia Promotes Cell Uptake of Alzheimer Disease-associated Amyloid β Peptide. <i>Journal of Biological Chemistry</i> , 2006, 281, 3651-3659.	1.6	194
4	Characterization of circulating tumor cell aggregates identified in patients with epithelial tumors. <i>Physical Biology</i> , 2012, 9, 016001.	0.8	176
5	Secreted Semaphorins Modulate Synaptic Transmission in the Adult Hippocampus. <i>Journal of Neuroscience</i> , 2005, 25, 3613-3620.	1.7	147
6	Epithelial-to-Mesenchymal Transition Promotes Tubulin Detyrosination and Microtentacles that Enhance Endothelial Engagement. <i>Cancer Research</i> , 2010, 70, 8127-8137.	0.4	126
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	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
9	Identification of Neutrophil Granule Protein Cathepsin G as a Novel Chemotactic Agonist for the G Protein-Coupled Formyl Peptide Receptor. <i>Journal of Immunology</i> , 2004, 173, 428-436.	0.4	115
10	Vimentin Filaments Support Extension of Tubulin-Based Microtentacles in Detached Breast Tumor Cells. <i>Cancer Research</i> , 2008, 68, 5678-5688.	0.4	111
11	Whole-genome mutational burden analysis of three pluripotency induction methods. <i>Nature Communications</i> , 2016, 7, 10536.	5.8	109
12	A TREM family member, TLT-1, is found exclusively in the α -granules of megakaryocytes and platelets. <i>Blood</i> , 2004, 104, 1042-1047.	0.6	98
13	Identification of Probabilistic Transcriptional Switches in the Ly49 Gene Cluster. <i>Immunity</i> , 2004, 21, 55-66.	6.6	94
14	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
15	CpG-containing oligodeoxynucleotide promotes microglial cell uptake of amyloid β 1-42 peptide by up-regulating the expression of the G protein-coupled receptor mFPR2. <i>FASEB Journal</i> , 2005, 19, 2032-2034.	0.2	83
16	Association of Lsh, a Regulator of DNA Methylation, with Pericentromeric Heterochromatin Is Dependent on Intact Heterochromatin. <i>Molecular and Cellular Biology</i> , 2003, 23, 8416-8428.	1.1	76
17	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
18	c-Src differentially regulates the functions of microtentacles and invadopodia. <i>Oncogene</i> , 2010, 29, 6402-6408.	2.6	62

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19	IL-6 enhances the nuclear translocation of DNA cytosine-5-methyltransferase 1 (DNMT1) via phosphorylation of the nuclear localization sequence by the AKT kinase. <i>Cancer Genomics and Proteomics</i> , 2007, 4, 387-98.	1.0	57
20	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
21	Sphingomyelinase Restricts the Lateral Diffusion of CD4 and Inhibits Human Immunodeficiency Virus Fusion. <i>Journal of Virology</i> , 2007, 81, 5294-5304.	1.5	55
22	In Vivo HIV-1 Rev Multimerization in the Nucleolus and Cytoplasm Identified by Fluorescence Resonance Energy Transfer. <i>Journal of Biological Chemistry</i> , 2004, 279, 50167-50175.	1.6	53
23	Role of Murine Leukemia Virus Nucleocapsid Protein in Virus Assembly. <i>Journal of Virology</i> , 2004, 78, 12378-12385.	1.5	52
24	Epigenetic silencing of manganese superoxide dismutase (SOD-2) in KAS 6/1 human multiple myeloma cells increases cell proliferation. <i>Cancer Biology and Therapy</i> , 2005, 4, 585-592.	1.5	50
25	Lsh-deficient murine embryonal fibroblasts show reduced proliferation with signs of abnormal mitosis. <i>Cancer Research</i> , 2003, 63, 4677-83.	0.4	48
26	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
27	Loss of PTEN induces microtentacles through PI3K-independent activation of cofilin. <i>Oncogene</i> , 2013, 32, 2200-2210.	2.6	41
28	Induction of the Formyl Peptide Receptor 2 in Microglia by IFN- γ and Synergy with CD40 Ligand. <i>Journal of Immunology</i> , 2007, 178, 1759-1766.	0.4	34
29	The heavy metal cadmium induces valosin-containing protein (VCP)-mediated aggresome formation. <i>Toxicology and Applied Pharmacology</i> , 2008, 228, 351-363.	1.3	29
30	Restricted lateral mobility of plasma membrane CD4 impairs HIV-1 envelope glycoprotein mediated fusion. <i>Molecular Membrane Biology</i> , 2008, 25, 83-94.	2.0	28
31	Delocalization of β -tubulin due to increased solubility in human breast cancer cell lines. <i>Cancer Biology and Therapy</i> , 2010, 9, 66-76.	1.5	18
32	Calibration and standardization of the emission light path of confocal microscopes. <i>Journal of Microscopy</i> , 2006, 223, 15-25.	0.8	15
33	AP-2 β 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
34	Interleukin 10 and TNF α synergistically enhance the expression of the G protein-coupled formylpeptide receptor 2 in microglia. <i>Neurobiology of Disease</i> , 2007, 27, 90-98.	2.1	10
35	AP-2 β Is Required for Maintenance of Multipotent Mammary Stem Cells. <i>Stem Cell Reports</i> , 2021, 16, 106-119.	2.3	4
36	Abstract 5225: Quantification of circulating tumor cell aggregates in breast cancer patient blood using an enrichment-free detection method. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
37	Circulating tumor cells as emerging tumor biomarkers in lung cancer. Journal of Thoracic Disease, 2012, 4, 444-5.	0.6	2
38	Abstract 3619: The absence of cleaved caspase-3 in circulating tumor cells detected using a non-enrichment-based assay. , 2012, , .		1
39	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
40	Osteoblast Adhesion on Tissue Engineering Scaffolds Made by Bio-Manufacturing Techniques. , 2005, , .		0
41	Abstract 1464: EMT-induced tubulin detyrosination can be inhibited with parthenolide, reducing microtentacles and the lung retention of circulating breast tumor cells. , 2010, , .		0
42	Abstract 4151: High definition circulating tumor cells in patients with non-small cell lung cancer. , 2011, , .		0