

# Edwin Chang

## List of Publications by Year in descending order

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29  
papers

1,531  
citations

471509

17  
h-index

526287

27  
g-index

29  
all docs

29  
docs citations

29  
times ranked

2576  
citing authors

#	ARTICLE	IF	CITATIONS
1	ROS and Brain Diseases: The Good, the Bad, and the Ugly. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-14.	4.0	281
2	eNOS Activity Is Reduced in Senescent Human Endothelial Cells. <i>Circulation Research</i> , 2001, 89, 793-798.	4.5	267
3	Glioblastoma multiforme (GBM): An overview of current therapies and mechanisms of resistance. <i>Pharmacological Research</i> , 2021, 171, 105780.	7.1	196
4	Intranasal delivery of targeted polyfunctional gold-iron oxide nanoparticles loaded with therapeutic microRNAs for combined theranostic multimodality imaging and presensitization of glioblastoma to temozolomide. <i>Biomaterials</i> , 2019, 218, 119342.	11.4	159
5	Tumor treating fields increases membrane permeability in glioblastoma cells. <i>Cell Death Discovery</i> , 2018, 4, 113.	4.7	79
6	Proof-of-Concept Study of Monitoring Cancer Drug Therapy with Cerenkov Luminescence Imaging. <i>Journal of Nuclear Medicine</i> , 2012, 53, 312-317.	5.0	68
7	Aging and Survival of Cutaneous Microvasculature. <i>Journal of Investigative Dermatology</i> , 2002, 118, 752-758.	0.7	55
8	PET imaging of tumor glycolysis downstream of hexokinase through noninvasive measurement of pyruvate kinase M2. <i>Science Translational Medicine</i> , 2015, 7, 310ra169.	12.4	54
9	Reconstructed Apoptotic Bodies as Targeted Nano Decoys to Treat Intracellular Bacterial Infections within Macrophages and Cancer Cells. <i>ACS Nano</i> , 2020, 14, 5818-5835.	14.6	52
10	Permeabilizing Cell Membranes with Electric Fields. <i>Cancers</i> , 2021, 13, 2283.	3.7	37
11	Exercise Induces Stromal Cell-Derived Factor-1-Mediated Release of Endothelial Progenitor Cells with Increased Vasculogenic Function. <i>Plastic and Reconstructive Surgery</i> , 2015, 135, 340e-350e.	1.4	35
12	A Novel Theranostic Strategy for MMP-14-Expressing Glioblastomas Impacts Survival. <i>Molecular Cancer Therapeutics</i> , 2017, 16, 1909-1921.	4.1	35
13	AshwaMAX and Withaferin A inhibits gliomas in cellular and murine orthotopic models. <i>Journal of Neuro-Oncology</i> , 2016, 126, 253-264.	2.9	34
14	Synergistic inhibition of glioma cell proliferation by Withaferin A and tumor treating fields. <i>Journal of Neuro-Oncology</i> , 2017, 134, 259-268.	2.9	25
15	<sup>18</sup> F-FAZA PET Imaging Response Tracks the Reoxygenation of Tumors in Mice upon Treatment with the Mitochondrial Complex I Inhibitor BAY 87-2243. <i>Clinical Cancer Research</i> , 2015, 21, 335-346.	7.0	24
16	Cholinergic activation of hematopoietic stem cells: role in tobacco-related disease?. <i>Vascular Medicine</i> , 2010, 15, 375-385.	1.5	23
17	Withaferin A and its potential role in glioblastoma (GBM). <i>Journal of Neuro-Oncology</i> , 2017, 131, 201-211.	2.9	20
18	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles <i>In Vivo</i> . <i>ACS Nano</i> , 2021, 15, 19956-19969.	14.6	19

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19	A Magnetic Bead-Based Sensor for the Quantification of Multiple Prostate Cancer Biomarkers. PLoS ONE, 2015, 10, e0139484.	2.5	15
20	Tumor treating fields (TTFields) impairs aberrant glycolysis in glioblastoma as evaluated by [18F]DASA-23, a non-invasive probe of pyruvate kinase M2 (PKM2) expression. Neoplasia, 2021, 23, 58-67.	5.3	13
21	Reproducibility study of [18F]FPP(RGD)2 uptake in murine models of human tumor xenografts. European Journal of Nuclear Medicine and Molecular Imaging, 2011, 38, 722-730.	6.4	12
22	Molecular Imaging of Infective Endocarditis With $^{18}\text{F}$ Fluoromaltotriose Positron Emission Tomography-Computed Tomography. Circulation, 2020, 141, 1729-1731.	1.6	9
23	Amyloid protein aggregates: new clients for mitochondrial energy production in the brain?. FEBS Journal, 2020, 287, 3386-3395.	4.7	8
24	A sensitive LC-MS assay using derivatization with boron trifluoride to quantify curcuminoids in biological samples. Analytical Biochemistry, 2020, 596, 113636.	2.4	6
25	A blood biomarker for monitoring response to anti-EGFR therapy. Cancer Biomarkers, 2018, 22, 333-344.	1.7	3
26	CSIG-14. COMBINING THE GLIOBLASTOMA CELL MEMBRANE-PERMEABILIZING EFFECT OF TUMOR TREATING FIELDS (TTFIELDS) WITH WITHA FERIN A (AND OTHER) CHEMOTHERAPY. Neuro-Oncology, 2020, 22, ii30-ii30.	1.2	1
27	Alternative medicine: therapeutic effects on gastric original signet ring carcinoma via ascorbate and combination with sodium alpha lipoate. BMC Complementary Medicine and Therapies, 2022, 22, 58.	2.7	1
28	DD-03 * THE NATURALLY OCCURRING STEROID, WITHA FERIN A, IN SYNERGISTIC CONCERT WITH HER2/EGFR INHIBITORS ABROGATES PROLIFERATION OF HUMAN GLIOBLASTOMA CELL CULTURES AT NANOMOLAR CONCENTRATIONS. Neuro-Oncology, 2014, 16, v60-v60.	1.2	0
29	BIMG-16. TRACKING TTFIELDS-INDUCED ALTERATIONS IN GLIOBLASTOMA METABOLISM WITH [18F]DASA-23, A NON-INVASIVE PROBE OF PYRUVATE KINASE M2 (PKM2). Neuro-Oncology Advances, 2021, 3, i4-i4.	0.7	0