

Edwin Chang

List of Publications by Year in descending order

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29
papers

1,531
citations

471509

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526287

27
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29
docs citations

29
times ranked

2576
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	Permeabilizing Cell Membranes with Electric Fields. Cancers, 2021, 13, 2283.	3.7	37
5	Glioblastoma multiforme (GBM): An overview of current therapies and mechanisms of resistance. Pharmacological Research, 2021, 171, 105780.	7.1	196
6	Noninvasive and Highly Multiplexed Five-Color Tumor Imaging of Multicore Near-Infrared Resonant Surface-Enhanced Raman Nanoparticles <i>In Vivo</i> . ACS Nano, 2021, 15, 19956-19969.	14.6	19
7	Molecular Imaging of Infective Endocarditis With ^{18}F Fluoromaltotriose Positron Emission Tomography-Computed Tomography. Circulation, 2020, 141, 1729-1731.	1.6	9
8	A sensitive LC-MS assay using derivatization with boron trifluoride to quantify curcuminoids in biological samples. Analytical Biochemistry, 2020, 596, 113636.	2.4	6
9	Amyloid protein aggregates: new clients for mitochondrial energy production in the brain?. FEBS Journal, 2020, 287, 3386-3395.	4.7	8
10	Reconstructed Apoptotic Bodies as Targeted "Nano Decoys" to Treat Intracellular Bacterial Infections within Macrophages and Cancer Cells. ACS Nano, 2020, 14, 5818-5835.	14.6	52
11	CSIG-14. COMBINING THE GLIOBLASTOMA CELL MEMBRANE-PERMEABILIZING EFFECT OF TUMOR TREATING FIELDS (TTFIELDS) WITH WITHAFERIN A (AND OTHER) CHEMOTHERAPY. Neuro-Oncology, 2020, 22, ii30-ii30.	1.2	1
12	Intranasal delivery of targeted polyfunctional gold-iron oxide nanoparticles loaded with therapeutic microRNAs for combined theranostic multimodality imaging and presensitization of glioblastoma to temozolomide. Biomaterials, 2019, 218, 119342.	11.4	159
13	A blood biomarker for monitoring response to anti-EGFR therapy. Cancer Biomarkers, 2018, 22, 333-344.	1.7	3
14	Tumor treating fields increases membrane permeability in glioblastoma cells. Cell Death Discovery, 2018, 4, 113.	4.7	79
15	Synergistic inhibition of glioma cell proliferation by Withaferin A and tumor treating fields. Journal of Neuro-Oncology, 2017, 134, 259-268.	2.9	25
16	A Novel Theranostic Strategy for <i>MMP-14</i> -Expressing Glioblastomas Impacts Survival. Molecular Cancer Therapeutics, 2017, 16, 1909-1921.	4.1	35
17	Withaferin A and its potential role in glioblastoma (GBM). Journal of Neuro-Oncology, 2017, 131, 201-211.	2.9	20
18	AshwaMAX and Withaferin A inhibits gliomas in cellular and murine orthotopic models. Journal of Neuro-Oncology, 2016, 126, 253-264.	2.9	34

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19	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
20	A Magnetic Bead-Based Sensor for the Quantification of Multiple Prostate Cancer Biomarkers. <i>PLoS ONE</i> , 2015, 10, e0139484.	2.5	15
21	¹⁸ 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
22	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
23	DD-03 * THE NATURALLY OCCURRING STEROID, WITHAFERIN A, IN SYNERGISTIC CONCERT WITH HER2/EGFR INHIBITORS ABROGATES PROLIFERATION OF HUMAN GLIOBLASTOMA CELL CULTURES AT NANOMOLAR CONCENTRATIONS. <i>Neuro-Oncology</i> , 2014, 16, v60-v60.	1.2	0
24	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
25	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
26	Reproducibility study of [¹⁸ F]FPP(RGD) ₂ uptake in murine models of human tumor xenografts. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2011, 38, 722-730.	6.4	12
27	Cholinergic activation of hematopoietic stem cells: role in tobacco-related disease?. <i>Vascular Medicine</i> , 2010, 15, 375-385.	1.5	23
28	Aging and Survival of Cutaneous Microvasculature. <i>Journal of Investigative Dermatology</i> , 2002, 118, 752-758.	0.7	55
29	eNOS Activity Is Reduced in Senescent Human Endothelial Cells. <i>Circulation Research</i> , 2001, 89, 793-798.	4.5	267