

Gro Vatne RÅ,sland

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,739
citations

471509

17
h-index

477307

29
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32
all docs

32
docs citations

32
times ranked

4593
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term Cultures of Bone Marrow-Derived Human Mesenchymal Stem Cells Frequently Undergo Spontaneous Malignant Transformation. <i>Cancer Research</i> , 2009, 69, 5331-5339.	0.9	590
2	CD133 negative glioma cells form tumors in nude rats and give rise to CD133 positive cells. <i>International Journal of Cancer</i> , 2008, 122, 761-768.	5.1	508
3	Spontaneous Malignant Transformation of Human Mesenchymal Stem Cells Reflects Cross-Contamination: Putting the Research Field on Track Letter. <i>Cancer Research</i> , 2010, 70, 6393-6396.	0.9	278
4	Neural stem cell markers, nestin and musashi proteins, in the progression of human glioma: correlation of nestin with prognosis of patient survival. <i>World Neurosurgery</i> , 2007, 68, 133-143.	1.3	216
5	EGFR heterogeneity and implications for therapeutic intervention in glioblastoma. <i>Neuro-Oncology</i> , 2018, 20, 743-752.	1.2	210
6	Metabolic profiling indicates impaired pyruvate dehydrogenase function in myalgic encephalopathy/chronic fatigue syndrome. <i>JCI Insight</i> , 2016, 1, e89376.	5.0	140
7	EGFR wild-type amplification and activation promote invasion and development of glioblastoma independent of angiogenesis. <i>Acta Neuropathologica</i> , 2013, 125, 683-698.	7.7	127
8	EGFRvIII mutations can emerge as late and heterogenous events in glioblastoma development and promote angiogenesis through Src activation. <i>Neuro-Oncology</i> , 2016, 18, 1644-1655.	1.2	78
9	Upregulated PDK4 expression is a sensitive marker of increased fatty acid oxidation. <i>Mitochondrion</i> , 2019, 49, 97-110.	3.4	75
10	AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. <i>Journal of Thoracic Oncology</i> , 2020, 15, 973-999.	1.1	66
11	Thioridazine inhibits autophagy and sensitizes glioblastoma cells to temozolomide. <i>International Journal of Cancer</i> , 2019, 144, 1735-1745.	5.1	63
12	Novel Points of Attack for Targeted Cancer Therapy. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2015, 116, 9-18.	2.5	61
13	Epithelial to mesenchymal transition (EMT) is associated with attenuation of succinate dehydrogenase (SDH) in breast cancer through reduced expression of SDHC. <i>Cancer & Metabolism</i> , 2019, 7, 6.	5.0	51
14	The angiogenic switch leads to a metabolic shift in human glioblastoma. <i>Neuro-Oncology</i> , 2017, 19, now175.	1.2	50
15	Inhibition of mitochondrial respiration prevents BRAF-mutant melanoma brain metastasis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 55.	5.2	32
16	Metabolic flux analysis of 3D spheroids reveals significant differences in glucose metabolism from matched 2D cultures of colorectal cancer and pancreatic ductal adenocarcinoma cell lines. <i>Cancer & Metabolism</i> , 2022, 10, 9.	5.0	25
17	Blocking Aerobic Glycolysis by Targeting Pyruvate Dehydrogenase Kinase in Combination with EGFR TKI and Ionizing Radiation Increases Therapeutic Effect in Non-Small Cell Lung Cancer Cells. <i>Cancers</i> , 2021, 13, 941.	3.7	20
18	A new live-cell reporter strategy to simultaneously monitor mitochondrial biogenesis and morphology. <i>Scientific Reports</i> , 2015, 5, 17217.	3.3	19

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19	Increased hepatic mitochondrial FA oxidation reduces plasma and liver TG levels and is associated with regulation of UCPs and APOC-III in rats. <i>Journal of Lipid Research</i> , 2017, 58, 1362-1373.	4.2	19
20	Metformin treatment response is dependent on glucose growth conditions and metabolic phenotype in colorectal cancer cells. <i>Scientific Reports</i> , 2021, 11, 10487.	3.3	18
21	Human Organotypic Airway and Lung Organoid Cells of Bronchiolar and Alveolar Differentiation Are Permissive to Infection by Influenza and SARS-CoV-2 Respiratory Virus. <i>Frontiers in Cellular and Infection Microbiology</i> , 2022, 12, 841447.	3.9	17
22	A 3D Spheroid Model for Glioblastoma. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	14
23	Spontaneous Transformation of Stem Cells In Vitro and the Issue of Cross-Contamination. <i>International Journal of Biological Sciences</i> , 2012, 8, 1051-1052.	6.4	13
24	The homeobox factor <i>Irx3</i> maintains adipogenic identity. <i>Metabolism: Clinical and Experimental</i> , 2020, 103, 154014.	3.4	12
25	Comment to: "Spontaneous transformation of adult mesenchymal stem cells from cynomolgus macaques in vitro" by Z. Ren et al. <i>Exp. Cell Res.</i> 317 (2011) 2950-2957. <i>Experimental Cell Research</i> , 2012, 318, 441-443.	2.6	11
26	Increased lymphatic vascular density is seen before colorectal cancers reach stage II and growth factor FGF2 is downregulated in tumor tissue compared with normal mucosa. <i>Apmis</i> , 2009, 117, 212-221.	2.0	9
27	Intrinsic Differences in Spatiotemporal Organization and Stromal Cell Interactions Between Isogenic Lung Cancer Cells of Epithelial and Mesenchymal Phenotypes Revealed by High-Dimensional Single-Cell Analysis of Heterotypic 3D Spheroid Models. <i>Frontiers in Oncology</i> , 2022, 12, 818437.	2.8	7
28	Tumor versus Stromal Cells in Culture "Survival of the Fittest?". <i>PLoS ONE</i> , 2013, 8, e81183.	2.5	5
29	Introducing nano-scale quantitative polymerase chain reaction. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 923-926.	2.1	5
30	Abstract 5279: Over-expression of EGFRviii induces an angiogenic switch in infiltrative human glioblastomas. , 2012, , .		0