Gro Vatne RÃ¸sland

List of Publications by Year
in descending order

30 papers	2,739 citations	471509 17 h-index	477307 29 g-index
32 all docs	32 docs citations	32 times ranked	4593 citing authors

#	Article	IF	Citations
1	Human Organotypic Airway and Lung Organoid Cells of Bronchiolar and Alveolar Differentiation Are Permissive to Infection by Influenza and SARS-CoV-2 Respiratory Virus. Frontiers in Cellular and Infection Microbiology, 2022, 12, 841447.	3.9	17
2	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. Frontiers in Oncology, 2022, 12, 818437.	2.8	7
3	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. Cancer & Metabolism, 2022, 10, 9.	5.0	25
4	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. Cancers, 2021, 13, 941.	3.7	20
5	Metformin treatment response is dependent on glucose growth conditions and metabolic phenotype in colorectal cancer cells. Scientific Reports, 2021, 11, 10487.	3.3	18
6	The homeobox factor Irx3 maintains adipogenic identity. Metabolism: Clinical and Experimental, 2020, 103, 154014.	3.4	12
7	A 3D Spheroid Model for Glioblastoma. Journal of Visualized Experiments, 2020, , .	0.3	14
8	AXL Targeting Abrogates Autophagic Flux and Induces Immunogenic Cell Death in Drug-Resistant Cancer Cells. Journal of Thoracic Oncology, 2020, 15, 973-999.	1.1	66
9	Upregulated PDK4 expression is a sensitive marker of increased fatty acid oxidation. Mitochondrion, 2019, 49, 97-110.	3.4	75
10	Epithelial to mesenchymal transition (EMT) is associated with attenuation of succinate dehydrogenase (SDH) in breast cancer through reduced expression of SDHC. Cancer & Metabolism, 2019, 7, 6.	5.0	51
11	Inhibition of mitochondrial respiration prevents BRAF-mutant melanoma brain metastasis. Acta Neuropathologica Communications, 2019, 7, 55.	5.2	32
12	Thioridazine inhibits autophagy and sensitizes glioblastoma cells to temozolomide. International Journal of Cancer, 2019, 144, 1735-1745.	5.1	63
13	EGFR heterogeneity and implications for therapeutic intervention in glioblastoma. Neuro-Oncology, 2018, 20, 743-752.	1.2	210
14	Introducing nano-scale quantitative polymerase chain reaction. Biochemical and Biophysical Research Communications, 2018, 506, 923-926.	2.1	5
15	The angiogenic switch leads to a metabolic shift in human glioblastoma. Neuro-Oncology, 2017, 19, now175.	1.2	50
16	Increased hepatic mitochondrial FA oxidation reduces plasma and liver TG levels and is associated with regulation of UCPs and APOC-III in rats. Journal of Lipid Research, 2017, 58, 1362-1373.	4.2	19
17	Metabolic profiling indicates impaired pyruvate dehydrogenase function in myalgic encephalopathy/chronic fatigue syndrome. JCI Insight, 2016, 1, e89376.	5.0	140
18	EGFRvIII mutations can emerge as late and heterogenous events in glioblastoma development and promote angiogenesis through Src activation. Neuro-Oncology, 2016, 18, 1644-1655.	1.2	78

#	Article	IF	Citations
19	A new live-cell reporter strategy to simultaneously monitor mitochondrial biogenesis and morphology. Scientific Reports, 2015, 5, 17217.	3.3	19
20	Novel Points of Attack for Targeted Cancer Therapy. Basic and Clinical Pharmacology and Toxicology, 2015, 116, 9-18.	2.5	61
21	EGFR wild-type amplification and activation promote invasion and development of glioblastoma independent of angiogenesis. Acta Neuropathologica, 2013, 125, 683-698.	7.7	127
22	Tumor versus Stromal Cells in Cultureâ€"Survival of the Fittest?. PLoS ONE, 2013, 8, e81183.	2.5	5
23	Spontaneous Transformation of Stem Cells In Vitro and the Issue of Cross-Contamination. International Journal of Biological Sciences, 2012, 8, 1051-1052.	6.4	13
24	Comment to: â€œSpontaneous transformation of adult mesenchymal stem cells from cynomolgus macaques in vitroâ€•by Z. Ren et al. Exp. Cell Res. 317 (2011) 2950-2957. Experimental Cell Research, 2012, 318, 441-443.	2.6	11
25	Abstract 5279: Over-expression of EGFRviii induces an angiogenic switch in infiltrative human glioblastomas. , 2012, , .		0
26	Spontaneous Malignant Transformation of Human Mesenchymal Stem Cells Reflects Cross-Contamination: Putting the Research Field on Track â€“ Letter. Cancer Research, 2010, 70, 6393-6396.	0.9	278
27	Increased lymphatic vascular density is seen before colorectal cancers reach stage II and growth factor FGFâ€2 is downregulated in tumor tissue compared with normal mucosa. Apmis, 2009, 117, 212-221.	2.0	9
28	Long-term Cultures of Bone Marrowâ€"Derived Human Mesenchymal Stem Cells Frequently Undergo Spontaneous Malignant Transformation. Cancer Research, 2009, 69, 5331-5339.	0.9	590
29	CD133 negative glioma cells form tumors in nude rats and give rise to CD133 positive cells. International Journal of Cancer, 2008, 122, 761-768.	5.1	508
30	Neural stem cell markers, nestin and musashi proteins, in the progression of human glioma: correlation of nestin with prognosis of patient survival. World Neurosurgery, 2007, 68, 133-143.	1.3	216