Frits Thorsen

List of Publications by Year in descending order

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59 papers	3,352 citations	172457 29 h-index	155660 55 g-index
59 all docs	59 docs citations	59 times ranked	5426 citing authors

#	Article	IF	Citations
1	Anti-VEGF treatment reduces blood supply and increases tumor cell invasion in glioblastoma. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3749-3754.	7.1	552
2	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
3	In vivo models of primary brain tumors: pitfalls and perspectives. Neuro-Oncology, 2012, 14, 979-993.	1.2	211
4	Loss of COPZ1 induces NCOA4 mediated autophagy and ferroptosis in glioblastoma cell lines. Oncogene, 2021, 40, 1425-1439.	5.9	108
5	Bevacizumab Prevents Brain Metastases Formation in Lung Adenocarcinoma. Molecular Cancer Therapeutics, 2016, 15, 702-710.	4.1	103
6	Targeting glioblastoma with NK cells and mAb against NG2/CSPG4 prolongs animal survival. Oncotarget, 2013, 4, 1527-1546.	1.8	102
7	Interfering with long non-coding RNA MIR22HG processing inhibits glioblastoma progression through suppression of Wnt/Î²-catenin signalling. Brain, 2020, 143, 512-530.	7.6	96
8	Inhibition of glioma growth by flavokawain B is mediated through endoplasmic reticulum stress induced autophagy. Autophagy, 2018, 14, 2007-2022.	9.1	94
9	Gamma knife stereotactic radiosurgery for acromegaly. European Journal of Endocrinology, 2007, 157, 255-263.	3.7	93
10	NG2 proteoglycan promotes angiogenesisâ€dependent tumor growth in the central nervous system by sequestering angiostatin. FASEB Journal, 2002, 16, 586-588.	0.5	92
11	Glioblastoma Therapy Using Codelivery of Cisplatin and Glutathione Peroxidase Targeting siRNA from Iron Oxide Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 43408-43421.	8.0	92
12	TRIM22 activates NF-ÎºB signaling in glioblastoma by accelerating the degradation of IÎºBÎ±. Cell Death and Differentiation, 2021, 28, 367-381.	11.2	85
13	In vivo animal models for studying brain metastasis: value and limitations. Clinical and Experimental Metastasis, 2013, 30, 695-710.	3.3	70
14	Long Noncoding RNA SChLAP1 Forms a Growth-Promoting Complex with HNRNPL in Human Glioblastoma through Stabilization of ACTN4 and Activation of NF-ÎºB Signaling. Clinical Cancer Research, 2019, 25, 6868-6881.	7.0	61
15	Adeno-Associated Viral Vectors Penetrate Human Solid Tumor TissueIn VivoMore Effectively than Adenoviral Vectors. Human Gene Therapy, 2002, 13, 1115-1125.	2.7	52
16	Brain Metastasis Cell Lines Panel: A Public Resource of Organotropic Cell Lines. Cancer Research, 2020, 80, 4314-4323.	0.9	51
17	The angiogenic switch leads to a metabolic shift in human glioblastoma. Neuro-Oncology, 2017, 19, now175.	1.2	50
18	Automated Tracking of Nanoparticle-labeled Melanoma Cells Improves the Predictive Power of a Brain Metastasis Model. Cancer Research, 2013, 73, 2445-2456.	0.9	49

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19	Therapeutic implications of altered cholesterol homeostasis mediated by loss of CYP46A1 in human glioblastoma. EMBO Molecular Medicine, 2020, 12, e10924.	6.9	49
20	Cells encapsulated in alginate: a potential system for delivery of recombinant proteins to malignant brain tumours. International Journal of Developmental Neuroscience, 1999, 17, 653-663.	1.6	48
21	Multimodal imaging of gliomas in the context of evolving cellular and molecular therapies. Advanced Drug Delivery Reviews, 2014, 76, 98-115.	13.7	48
22	Multimodal imaging enables early detection and characterization of changes in tumor permeability of brain metastases. Journal of Controlled Release, 2013, 172, 812-822.	9.9	43
23	Gamma knife stereotactic radiosurgery of Nelson syndrome. European Journal of Endocrinology, 2009, 160, 143-148.	3.7	41
24	Imaging of experimental rat gliomas using a clinical MR scanner. Journal of Neuro-Oncology, 2003, 63, 225-231.	2.9	40
25	Identification of Immune-Related Genes Contributing to the Development of Glioblastoma Using Weighted Gene Co-expression Network Analysis. Frontiers in Immunology, 2020, 11, 1281.	4.8	40
26	Atrial natriuretic peptide modulation of albumin clearance and contrast agent permeability in mouse skeletal muscle and skin: role in regulation of plasma volume. Journal of Physiology, 2010, 588, 325-339.	2.9	39
27	Ultrasound-mediated delivery and distribution of polymeric nanoparticles in the normal brain parenchyma of a metastatic brain tumour model. PLoS ONE, 2018, 13, e0191102.	2.5	39
28	Alginate-Encapsulated Producer Cells: A Potential New Approach for the Treatment of Malignant Brain Tumors. Cell Transplantation, 2000, 9, 773-783.	2.5	38
29	Analysis of the Growth Dynamics of Angiogenesis-Dependent and -Independent Experimental Glioblastomas by Multimodal Small-Animal PET and MRI. Journal of Nuclear Medicine, 2012, 53, 1135-1145.	5.0	38
30	Comparison of Effective Radiation Doses in Patients Undergoing Unenhanced MDCT and Excretory Urography for Acute Flank Pain. American Journal of Roentgenology, 2007, 188, 934-939.	2.2	36
31	Effective Treatment of Metastatic Melanoma by Combining MAPK and PI3K Signaling Pathway Inhibitors. International Journal of Molecular Sciences, 2019, 20, 4235.	4.1	32
32	Inhibition of mitochondrial respiration prevents BRAF-mutant melanoma brain metastasis. Acta Neuropathologica Communications, 2019, 7, 55.	5.2	32
33	Laminin expression by glial fibrillary acidic protein positive cells in human gliomas. International Journal of Developmental Neuroscience, 1999, 17, 531-539.	1.6	30
34	Dynamic Contrast Enhanced MRI Detects Early Response to Adoptive NK Cellular Immunotherapy Targeting the NG2 Proteoglycan in a Rat Model of Glioblastoma. PLoS ONE, 2014, 9, e108414.	2.5	27
35	In Vitro Treatment of Melanoma Brain Metastasis by Simultaneously Targeting the MAPK and PI3K Signaling Pathways. International Journal of Molecular Sciences, 2014, 15, 8773-8794.	4.1	25
36	Two distinct tumor phenotypes isolated from glioblastomas show different MRS characteristics. NMR in Biomedicine, 2008, 21, 830-838.	2.8	24

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37	Adeno-associated virus (AAV) serotypes 2, 4 and 5 display similar transduction profiles and penetrate solid tumor tissue in models of human glioma. Journal of Gene Medicine, 2006, 8, 1131-1140.	2.8	19
38	PMEPA1 isoform a drives progression of glioblastoma by promoting protein degradation of the Hippo pathway kinase LATS1. Oncogene, 2020, 39, 1125-1139.	5.9	19
39	Improved Drug Delivery to Brain Metastases by Peptide-Mediated Permeabilization of the Bloodâ€“Brain Barrier. Molecular Cancer Therapeutics, 2019, 18, 2171-2181.	4.1	17
40	Oncolytic Herpes Simplex Virus Type-1 Therapy in a Highly Infiltrative Animal Model of Human Glioblastoma. Clinical Cancer Research, 2008, 14, 1571-1580.	7.0	16
41	Reprogramming of cell junction modules during stepwise epithelial to mesenchymal transition and accumulation of malignant features in vitro in a prostate cell model. Experimental Cell Research, 2011, 317, 234-247.	2.6	16
42	Localised Delivery of Therapeutic Agents to CNS Malignancies: Old and New Approaches. Current Pharmaceutical Biotechnology, 2002, 3, 257-273.	1.6	16
43	Reduced expression of proteolipid protein 2 increases ER stressâ€induced apoptosis and autophagy in glioblastoma. Journal of Cellular and Molecular Medicine, 2020, 24, 2847-2856.	3.6	13
44	A Physiological Perspective on the Use of Imaging to Assess the In Vivo Delivery of Therapeutics. Annals of Biomedical Engineering, 2014, 42, 280-298.	2.5	12
45	Release of replication-deficient retroviruses from a packaging cell line: Interaction with glioma tumor spheroidsin vitro. , 1997, 71, 874-880.		11
46	Impact of Docetaxel on blood-brain barrier function and formation of breast cancer brain metastases. Journal of Experimental and Clinical Cancer Research, 2019, 38, 434.	8.6	11
47	lacZ-neoR transfected glioma cells in syngeneic rats: Growth pattern and characterization of the host immune response against cells transplanted inside and outside the cns. International Journal of Cancer, 2000, 85, 228-235.	5.1	11
48	A Novel Nanoprobe for Multimodal Imaging Is Effectively Incorporated into Human Melanoma Metastatic Cell Lines. International Journal of Molecular Sciences, 2015, 16, 21658-21680.	4.1	10
49	Melanoma brain metastasis is independent of lactate dehydrogenase A expression. Neuro-Oncology, 2015, 17, 1374-1385.	1.2	10
50	Antitumor efficacy improved by local delivery of species-specific endostatin. Journal of Neurosurgery, 2006, 104, 118-128.	1.6	9
51	Human glioblastoma biopsy spheroids xenografted into the nude rat brain show growth inhibition after stereotactic radiosurgery. Journal of Neuro-Oncology, 2007, 82, 1-10.	2.9	9
52	Retroviral transfection of the lacZ gene from Lizâ€9 packaging cells to glioma spheroids. International Journal of Developmental Neuroscience, 1999, 17, 665-672.	1.6	6
53	lacZ-neoR transfected glioma cells in syngeneic rats: Growth pattern and characterization of the host immune response against cells transplanted inside and outside the cns. International Journal of Cancer, 2000, 85, 228-235.	5.1	3
54	Trifluoperazine prolongs the survival of experimental brain metastases by STAT3-dependent lysosomal membrane permeabilization. American Journal of Cancer Research, 2020, 10, 545-563.	1.4	3

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55	Current landscape and future perspectives in preclinical MR and PET imaging of brain metastasis. Neuro-Oncology Advances, 2021, 3, vdab151.	0.7	2
56	Glioblastoma: a prognostic value of AMT-PET?. Neuro-Oncology, 2019, 21, 146-147.	1.2	1
57	52. BrMPANEL: A PUBLIC RESOURCE OF ORGANOTROPIC CELL LINES. Neuro-Oncology Advances, 2020, 2, ii10-ii11.	0.7	0
58	BSCI-12. Inhibition of melanoma brain metastasis by targeting miR-146a. Neuro-Oncology Advances, 2021, 3, iii3-iii3.	0.7	0
59	MRI of Experimental Gliomas. Methods in Molecular Biology, 2011, 711, 451-471.	0.9	0