

Ulf Dietrich Kahlert

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,088
citations

279778

23
h-index

254170

43
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87
all docs

87
docs citations

87
times ranked

3617
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutaredoxin 2 promotes SP-1-dependent CSPG4 transcription and migration of wound healing NG2 glia and glioma cells: Enzymatic Taoism. <i>Redox Biology</i> , 2022, 49, 102221.	9.0	6
2	Canonical WNT pathway inhibition reduces ATP synthesis rates in glioblastoma stem cells. <i>Frontiers in Bioscience</i> , 2022, 27, 1.	2.1	1
3	Amphiphilic Triazine-Phosphorus Metallo dendrons Possessing Anti-Cancer Stem Cell Activity. <i>Pharmaceutics</i> , 2022, 14, 393.	4.5	6
4	Multifaceted Analyses of Isolated Mitochondria Establish the Anticancer Drug 2-Hydroxyoleic Acid as an Inhibitor of Substrate Oxidation and an Activator of Complex IV-Dependent State 3 Respiration. <i>Cells</i> , 2022, 11, 578.	4.1	2
5	Clinical characterization and immunosuppressive regulation of CD161 (KLRB1) in glioma through 916 samples. <i>Cancer Science</i> , 2022, 113, 756-769.	3.9	29
6	Sensory Ion Channel Candidates Inform on the Clinical Course of Pancreatic Cancer and Present Potential Targets for Repurposing of FDA-Approved Agents. <i>Journal of Personalized Medicine</i> , 2022, 12, 478.	2.5	22
7	Progenitor cells derived from gene-engineered human induced pluripotent stem cells as synthetic cancer cell alternatives for in vitro pharmacology. <i>Biotechnology Journal</i> , 2022, , 2100693.	3.5	2
8	Gender disparity regarding work-life balance satisfaction among German neuro-oncologists: a YoungNOA survey. <i>Neuro-Oncology</i> , 2022, 24, 1609-1611.	1.2	1
9	CD133-Functionalized Gold Nanoparticles as a Carrier Platform for Telaglenastat (CB-839) against Tumor Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5479.	4.1	21
10	In Vitro Validation of the Therapeutic Potential of Dendrimer-Based Nanoformulations against Tumor Stem Cells. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5691.	4.1	11
11	Meta-analysis on reporting practices as a source of heterogeneity in in vitro cancer research. <i>BMJ Open Science</i> , 2022, 6, .	1.7	1
12	Uronic acid metabolic process-related gene expression-based signature predicts overall survival of glioma. <i>Bioscience Reports</i> , 2021, 41, .	2.4	0
13	Systemic Inflammatory Index Is a Novel Predictor of Intubation Requirement and Mortality after SARS-CoV-2 Infection. <i>Pathogens</i> , 2021, 10, 58.	2.8	29
14	Augmented Therapeutic Potential of Glutaminase Inhibitor CB839 in Glioblastoma Stem Cells Using Gold Nanoparticle Delivery. <i>Pharmaceutics</i> , 2021, 13, 295.	4.5	7
15	Carbonic Anhydrase XII is a Clinically Significant, Molecular Tumor-Subtype Specific Therapeutic Target in Glioma with the Potential to Combat Invasion of Brain Tumor Cells. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 1707-1718.	2.0	12
16	eLabFTW as an Open Science tool to improve the quality and translation of preclinical research. <i>F1000Research</i> , 2021, 10, 292.	1.6	5
17	BCOR Internal Tandem Duplication Expression in Neural Stem Cells Promotes Growth, Invasion, and Expression of PRC2 Targets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3913.	4.1	0
18	Proposed definition of competencies for surgical neuro-oncology training. <i>Journal of Neuro-Oncology</i> , 2021, 153, 121-131.	2.9	6

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19	Role of Adaptor Protein Myeloid Differentiation 88 (MyD88) in Post-Subarachnoid Hemorrhage Inflammation: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4185.	4.1	12
20	Differential polarization and activation dynamics of systemic T helper cell subsets after aneurysmal subarachnoid hemorrhage (SAH) and during post-SAH complications. <i>Scientific Reports</i> , 2021, 11, 14226.	3.3	10
21	eLabFTW as an Open Science tool to improve the quality and translation of preclinical research. <i>F1000Research</i> , 2021, 10, 292.	1.6	8
22	A Preclinical Pipeline for Translational Precision Medicine—Experiences from a Transdisciplinary Brain Tumor Stem Cell Project. <i>Journal of Personalized Medicine</i> , 2021, 11, 892.	2.5	2
23	Testing the Stability of Drug Resistance on Cryopreserved, Gene-Engineered Human Induced Pluripotent Stem Cells. <i>Pharmaceuticals</i> , 2021, 14, 919.	3.8	1
24	Brain Immune Interactions—Novel Emerging Options to Treat Acute Ischemic Brain Injury. <i>Cells</i> , 2021, 10, 2429.	4.1	15
25	Current Technologies for RNA-Directed Liquid Diagnostics. <i>Cancers</i> , 2021, 13, 5060.	3.7	14
26	Reducing sources of variance in experimental procedures in in vitro research. <i>F1000Research</i> , 2021, 10, 1037.	1.6	0
27	Longitudinal stability of molecular alterations and drug response profiles in tumor spheroid cell lines enables reproducible analyses. <i>Biomedicine and Pharmacotherapy</i> , 2021, 144, 112278.	5.6	5
28	Overexpression of Cystine/Glutamate Antiporter xCT Correlates with Nutrient Flexibility and ZEB1 Expression in Highly Clonogenic Glioblastoma Stem-like Cells (GSCs). <i>Cancers</i> , 2021, 13, 6001.	3.7	8
29	Functional clustering analysis identifies specific subtypes of aldehyde dehydrogenase associated with glioma immunity. <i>Translational Cancer Research</i> , 2021, 10, 5052-5064.	1.0	1
30	Efficient Modulation of TP53 Expression in Human Induced Pluripotent Stem Cells. <i>Current Protocols in Stem Cell Biology</i> , 2020, 52, e102.	3.0	8
31	Influence of synthesis methods on the internalization of fluorescent gold nanoparticles into glioblastoma stem-like cells. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110952.	3.5	17
32	A computational guided, functional validation of a novel therapeutic antibody proposes Notch signaling as a clinical relevant and druggable target in glioma. <i>Scientific Reports</i> , 2020, 10, 16218.	3.3	15
33	Current biomarker-associated procedures of cancer modeling—a reference in the context of IDH1 mutant glioma. <i>Cell Death and Disease</i> , 2020, 11, 998.	6.3	19
34	Enzymatic Activity of CD73 Modulates Invasion of Gliomas via Epithelial—Mesenchymal Transition-Like Reprogramming. <i>Pharmaceuticals</i> , 2020, 13, 378.	3.8	16
35	Different Calculation Strategies Are Congruent in Determining Chemotherapy Resistance of Brain Tumors In Vitro. <i>Cells</i> , 2020, 9, 2689.	4.1	4
36	Robot technology identifies a Parkinsonian therapeutics repurpose to target stem cells of glioblastoma. <i>CNS Oncology</i> , 2020, 9, CNS58.	3.0	12

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37	Association between health insurance status and malignant glioma. <i>Neuro-Oncology Practice</i> , 2020, 7, 531-540.	1.6	1
38	Elevated Systemic IL-10 Levels Indicate Immunodepression Leading to Nosocomial Infections after Aneurysmal Subarachnoid Hemorrhage (SAH) in Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1569.	4.1	20
39	Targeting High Mobility Group Box 1 in Subarachnoid Hemorrhage: A Systematic Review. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2709.	4.1	16
40	A comparative pharmaco-metabolomic study of glutaminase inhibitors in glioma stem-like cells confirms biological effectiveness but reveals differences in target-specificity. <i>Cell Death Discovery</i> , 2020, 6, 20.	4.7	58
41	An inexpensive and easy-to-implement approach to a Quality Management System for an academic research lab. <i>F1000Research</i> , 2020, 9, 660.	1.6	12
42	Rapalink-1 Targets Glioblastoma Stem Cells and Acts Synergistically with Tumor Treating Fields to Reduce Resistance against Temozolomide. <i>Cancers</i> , 2020, 12, 3859.	3.7	20
43	Measures to increase value of preclinical research - an inexpensive and easy-to-implement approach to a QMS for an academic research lab. <i>F1000Research</i> , 2020, 9, 660.	1.6	10
44	Abstract 4595: SERGE- the development of an optical sensor for the detection glioblastoma recurrence. , 2020, , .		0
45	Abstract 1929: A confirmatory study to probe the reproducibility of cancer cell lines as lab tools to identify molecular subtype-specific therapies and therapeutic targets against glioblastoma stem-like cells. , 2020, , .		1
46	Transforming Growth Factor- β Promotes Homing and Therapeutic Efficacy of Human Mesenchymal Stem Cells to Glioblastoma. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 315-325.	1.7	27
47	Exploiting tumor-intrinsic signals to induce mesenchymal stem cell-mediated suicide gene therapy to fight malignant glioma. <i>Stem Cell Research and Therapy</i> , 2019, 10, 88.	5.5	22
48	Inhibition of enhancer of zest homologue 2 is a potential therapeutic target for high- α MYC medulloblastoma. <i>Neuropathology</i> , 2019, 39, 71-77.	1.2	8
49	Inhibition of Wnt/beta-catenin signaling downregulates expression of aldehyde dehydrogenase isoform 3A1 (ALDH3A1) to reduce resistance against temozolomide in glioblastoma <i>in vitro</i> . <i>Oncotarget</i> , 2018, 9, 22703-22716.	1.8	50
50	ALDH1A3 induces mesenchymal differentiation and serves as a predictor for survival in glioblastoma. <i>Cell Death and Disease</i> , 2018, 9, 1190.	6.3	42
51	EMT- and MET-related processes in nonepithelial tumors: importance for disease progression, prognosis, and therapeutic opportunities. <i>Molecular Oncology</i> , 2017, 11, 860-877.	4.6	121
52	CBF1 is clinically prognostic and serves as a target to block cellular invasion and chemoresistance of EMT-like glioblastoma cells. <i>British Journal of Cancer</i> , 2017, 117, 102-112.	6.4	28
53	Targeting cancer stem-like cells in glioblastoma and colorectal cancer through metabolic pathways. <i>International Journal of Cancer</i> , 2017, 140, 10-22.	5.1	51
54	An immunocompetent mouse model of human glioblastoma. <i>Oncotarget</i> , 2017, 8, 61072-61082.	1.8	30

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55	Inhibition of porcupine prolongs metastasis free survival in a mouse xenograft model of Ewing sarcoma. <i>Oncotarget</i> , 2017, 8, 78265-78276.	1.8	22
56	Abstract 2496: Targeting brain tumor stem cells by interfering with choline metabolism: Evidence for an EMT-choline oncometabolic network. , 2017, , .		0
57	Alterations in cellular metabolome after pharmacological inhibition of Notch in glioblastoma cells. <i>International Journal of Cancer</i> , 2016, 138, 1246-1255.	5.1	32
58	Targeting Notch Signaling and Autophagy Increases Cytotoxicity in Glioblastoma Neurospheres. <i>Brain Pathology</i> , 2016, 26, 713-723.	4.1	42
59	Isoflurane enhances the malignant potential of glioblastoma stem cells by promoting their viability, mobility in vitro and migratory capacity in vivo. <i>British Journal of Anaesthesia</i> , 2016, 116, 870-877.	3.4	51
60	DiSCoVERing Innovative Therapies for Rare Tumors: Combining Genetically Accurate Disease Models with <i>In Silico</i> Analysis to Identify Novel Therapeutic Targets. <i>Clinical Cancer Research</i> , 2016, 22, 3903-3914.	7.0	54
61	Stereotactic Surgery in Rats. <i>Neuromethods</i> , 2016, , 31-54.	0.3	1
62	Clipping the Wings of Glioblastoma: Modulation of WNT as a Novel Therapeutic Strategy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2016, 75, 388-396.	1.7	33
63	Abstract 2515: Pharmacological WNT-inhibition acts synergistically with chemo- and radiotherapy by overcoming treatment-resistance in glioma stem cells. <i>Cancer Research</i> , 2016, 76, 2515-2515.	0.9	3
64	Reciprocal regulation of the cholinic phenotype and epithelial-mesenchymal transition in glioblastoma cells. <i>Oncotarget</i> , 2016, 7, 73414-73431.	1.8	26
65	Abstract 2476: DiSCoVERing innovative therapies for rare tumors: Combining genetically accurate disease models with advanced in silico analysis to identify novel therapeutic targets. , 2016, , .		0
66	The effect of neurosphere culture conditions on the cellular metabolism of glioma cells. <i>Folia Neuropathologica</i> , 2015, 3, 219-225.	1.2	6
67	Glycolysis is the primary bioenergetic pathway for cell motility and cytoskeletal remodeling in human prostate and breast cancer cells. <i>Oncotarget</i> , 2015, 6, 130-143.	1.8	151
68	Pharmacologic Wnt Inhibition Reduces Proliferation, Survival, and Clonogenicity of Glioblastoma Cells. <i>Journal of Neuropathology and Experimental Neurology</i> , 2015, 74, 889-900.	1.7	54
69	ZEB1 Promotes Invasion in Human Fetal Neural Stem Cells and Hypoxic Glioma Neurospheres. <i>Brain Pathology</i> , 2015, 25, 724-732.	4.1	59
70	A microsurgical procedure for middle cerebral artery occlusion by intraluminal monofilament insertion technique in the rat: a special emphasis on the methodology. <i>Experimental & Translational Stroke Medicine</i> , 2014, 6, 6.	3.2	19
71	Characterization of a Setup to test the Impact of High-Amplitude Pressure Waves on Living Cells. <i>Scientific Reports</i> , 2014, 4, 3849.	3.3	10
72	Abstract 1038: ZEB1 plays a pivotal role in hypoxia-mediated increase of in vitro invasion of glioblastoma-derived cell cultures and represents a novel neural stem cell marker in early development. , 2014, , .		0

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73	Epithelial-to-mesenchymal(-like) transition as a relevant molecular event in malignant gliomas. <i>Cancer Letters</i> , 2013, 331, 131-138.	7.2	188
74	Clinical neurotransplantation protocol for Huntington's and Parkinson's disease. <i>Restorative Neurology and Neuroscience</i> , 2013, 31, 579-595.	0.7	10
75	LIN28A facilitates the transformation of human neural stem cells and promotes glioblastoma tumorigenesis through a pro-invasive genetic program. <i>Oncotarget</i> , 2013, 4, 1050-1064.	1.8	63
76	Abstract 5044: MYC drives formation of primitive neuro-ectodermal tumors in human neural stem cells derived from multiple brain regions.. , 2013, , .		0
77	Resistance to Hypoxia-Induced, BNIP3-Mediated Cell Death Contributes to an Increase in a CD133-Positive Cell Population in Human Glioblastomas In Vitro. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 1086-1099.	1.7	21
78	Activation of canonical WNT/ β -catenin signaling enhances in vitro motility of glioblastoma cells by activation of ZEB1 and other activators of epithelial-to-mesenchymal transition. <i>Cancer Letters</i> , 2012, 325, 42-53.	7.2	191
79	Original article CD133/CD15 defines distinct cell subpopulations with differential in vitro clonogenic activity and stem cell-related gene expression profile in in vitro propagated glioblastoma multiforme-derived cell line with a PNET-like component. <i>Folia Neuropathologica</i> , 2012, 4, 357-368.	1.2	30
80	Microcoilâ€¢based MR phase imaging and manganese enhanced microscopy of glial tumor neurospheres with direct optical correlation. <i>Magnetic Resonance in Medicine</i> , 2012, 68, 86-97.	3.0	7
81	BRAF Activation Induces Transformation and Then Senescence in Human Neural Stem Cells: A Pilocytic Astrocytoma Model. <i>Clinical Cancer Research</i> , 2011, 17, 3590-3599.	7.0	167
82	Abstract 3303: BRAF activation induces cellular transformation and senescence and down-regulates SOX2 in human neural stem cells: a model of pilocytic astrocytoma. , 2011, , .		0
83	Abstract 2903: The role of canonical WNT/ β -catenin signaling in glial tumors. , 2011, , .		0
84	Abstract 3454: LIN28 is expressed in glioblastomas and promotes KRAS-mediated transformation of human neural stem cells. , 2011, , .		1
85	Reducing sources of variance in experimental procedures in in vitro research. <i>F1000Research</i> , 0, 10, 1037.	1.6	0