

Katrin Lamszus

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,219
citations

236925

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61
docs citations

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times ranked

4917
citing authors

#	ARTICLE	IF	CITATIONS
1	MPAPASS software enables stitched multiplex, multidimensional EV repertoire analysis and a standard framework for reporting bead-based assays. <i>Cell Reports Methods</i> , 2022, 2, 100136.	2.9	8
2	Diagnostic potential of extracellular vesicles in meningioma patients. <i>Neuro-Oncology</i> , 2022, 24, 2078-2090.	1.2	6
3	TBIO-07. Pediatric tumor classification through genome-wide methylation profiling of extracellular vesicle DNA. <i>Neuro-Oncology</i> , 2022, 24, i184-i184.	1.2	0
4	Spatially resolved multi-omics deciphers bidirectional tumor-host interdependence in glioblastoma. <i>Cancer Cell</i> , 2022, 40, 639-655.e13.	16.8	166
5	Circulating cell-free DNA and its clinical utility in cancer. <i>Laboratoriums Medizin</i> , 2022, 46, 265-272.	0.6	2
6	The genetic landscape of choroid plexus tumors in children and adults. <i>Neuro-Oncology</i> , 2021, 23, 650-660.	1.2	26
7	Intrathecal and systemic alterations of L-arginine metabolism in patients after intracerebral hemorrhage. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 0271678X2098321.	4.3	7
8	Cannabidiol converts NF- κ B into a tumor suppressor in glioblastoma with defined antioxidative properties. <i>Neuro-Oncology</i> , 2021, 23, 1898-1910.	1.2	24
9	CD74 and CD44 Expression on CTCs in Cancer Patients with Brain Metastasis. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6993.	4.1	26
10	Genome-wide methylation profiling of glioblastoma cell-derived extracellular vesicle DNA allows tumor classification. <i>Neuro-Oncology</i> , 2021, 23, 1087-1099.	1.2	59
11	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. <i>Journal of Clinical Oncology</i> , 2021, 39, 3839-3852.	1.6	93
12	IMMU-17. SYSTEMIC IMMUNOSUPPRESSION OF CD4+ T HELPER CELLS IN GLIOMA. <i>Neuro-Oncology</i> , 2021, 23, vi95-vi95.	1.2	0
13	BIOM-19. DECIPHERING THE METHYLATION SIGNATURE OF CIRCULATING EXTRACELLULAR VESICLE DNA FOR CNS TUMOR CLASSIFICATION. <i>Neuro-Oncology</i> , 2021, 23, vi14-vi14.	1.2	0
14	PATH-34. MOLECULAR AND CLINICAL HETEROGENEITY WITHIN SPINAL EPENDYMOMAS. <i>Neuro-Oncology</i> , 2021, 23, vi122-vi122.	1.2	0
15	BIOM-39. METHYLATION AND MUTATION PROFILES IN MENINGIOMA CELL-DERIVED EXTRACELLULAR VESICLE DNA REFLECT EPIGENETIC AND GENOMIC ALTERATIONS IN ORIGINAL TUMORS. <i>Neuro-Oncology</i> , 2021, 23, vi19-vi19.	1.2	0
16	PATH-39. INTEGRATED MOLECULAR-MORPHOLOGICAL MENINGIOMA CLASSIFICATION: A MULTICENTER RETROSPECTIVE ANALYSIS, RETRO- AND PROSPECTIVELY VALIDATED. <i>Neuro-Oncology</i> , 2021, 23, vi123-vi124.	1.2	0
17	Mass Spectrometric Lipid Profiles of Picosecond Infrared Laser-Generated Tissue Aerosols Discriminate Different Brain Tissues. <i>Lasers in Surgery and Medicine</i> , 2020, 52, 228-234.	2.1	5
18	Immune Characterization in Aneurysmal Subarachnoid Hemorrhage Reveals Distinct Monocytic Activation and Chemokine Patterns. <i>Translational Stroke Research</i> , 2020, 11, 1348-1361.	4.2	32

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19	Discovery of Targetable Genetic Alterations in NSCLC Patients with Different Metastatic Patterns Using a MassARRAY-Based Circulating Tumor DNA Assay. <i>Cells</i> , 2020, 9, 2337.	4.1	13
20	FASN Is a Biomarker Enriched in Malignant Glioma-Derived Extracellular Vesicles. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1931.	4.1	20
21	Genome-wide DNA methylation profiles distinguish silent from non-silent ACTH adenomas. <i>Acta Neuropathologica</i> , 2020, 140, 95-97.	7.7	7
22	Molecular profiling of an osseous metastasis in glioblastoma during checkpoint inhibition: potential mechanisms of immune escape. <i>Acta Neuropathologica Communications</i> , 2020, 8, 28.	5.2	24
23	CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas. <i>Acta Neuropathologica</i> , 2020, 140, 409-413.	7.7	116
24	ALCAM contributes to brain metastasis formation in non-small-cell lung cancer through interaction with the vascular endothelium. <i>Neuro-Oncology</i> , 2020, 22, 955-966.	1.2	36
25	Local Intracerebral Immunomodulation Using Interleukin-Expressing Mesenchymal Stem Cells in Glioblastoma. <i>Clinical Cancer Research</i> , 2020, 26, 2626-2639.	7.0	31
26	Immunologic Profiling of Mutational and Transcriptional Subgroups in Pediatric and Adult High-Grade Gliomas. <i>Cancer Immunology Research</i> , 2019, 7, 1401-1411.	3.4	35
27	Highlights of the inaugural ten “the launch of Neuro-Oncology Advances. <i>Neuro-Oncology Advances</i> , 2019, 1, vdz016.	0.7	0
28	Clonality of circulating tumor cells in breast cancer brain metastasis patients. <i>Breast Cancer Research</i> , 2019, 21, 101.	5.0	54
29	Cytotoxic T Cells and their Activation Status are Independent Prognostic Markers in Meningiomas. <i>Clinical Cancer Research</i> , 2019, 25, 5260-5270.	7.0	23
30	Evolutionary Trajectories of IDHWT Glioblastomas Reveal a Common Path of Early Tumorigenesis Instigated Years ahead of Initial Diagnosis. <i>Cancer Cell</i> , 2019, 35, 692-704.e12.	16.8	172
31	Imaging flow cytometry facilitates multiparametric characterization of extracellular vesicles in malignant brain tumours. <i>Journal of Extracellular Vesicles</i> , 2019, 8, 1588555.	12.2	86
32	CSIG-09. PROTEOMIC ANALYSIS OF MENINGIOMA CELL-DERIVED EXTRACELLULAR VESICLES: FIRST OF A KIND. <i>Neuro-Oncology</i> , 2019, 21, vi45-vi46.	1.2	0
33	CSIG-11. CENTRAL NERVOUS SYSTEM TUMOR PATIENTS HAVE ELEVATED LEVELS OF CIRCULATING EXTRACELLULAR VESICLES. <i>Neuro-Oncology</i> , 2019, 21, vi46-vi46.	1.2	0
34	RARE-26. WHOLE GENOME SEQUENCING OF AN OSSEOUS METASTASIS DURING CHECKPOINT-CONTROLLED INTRACRANIAL GLIOBLASTOMA REVEALS NEW INSIGHTS INTO POTENTIAL MECHANISMS OF IMMUNE ESCAPE. <i>Neuro-Oncology</i> , 2019, 21, vi227-vi227.	1.2	0
35	PATH-53. IMMUNOLOGICAL PROFILING OF MUTATIONAL AND TRANSCRIPTIONAL SUBGROUPS IN PEDIATRIC AND ADULT HIGH-GRADE GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi155-vi155.	1.2	0
36	IMMU-40. CANCER IMMUNOEDITING SHAPES THE IMMUNE ESCAPE SIGNATURE AND CLONAL ARCHITECTURE IN GLIOMAS. <i>Neuro-Oncology</i> , 2019, 21, vi127-vi127.	1.2	0

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37	GENE-22. GENOME-WIDE METHYLATION PROFILING OF GLIOBLASTOMA EXTRACELLULAR VESICLE DNA ALLOWS TUMOR CLASSIFICATION. <i>Neuro-Oncology</i> , 2019, 21, vi102-vi102.	1.2	0
38	Preclinical analysis of human mesenchymal stem cells: tumor tropism and therapeutic efficiency of local HSV-TK suicide gene therapy in glioblastoma. <i>Oncotarget</i> , 2019, 10, 6049-6061.	1.8	28
39	Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. <i>Science Advances</i> , 2018, 4, eaar2766.	10.3	416
40	Immunophenotyping of Newly Diagnosed and Recurrent Glioblastoma Defines Distinct Immune Exhaustion Profiles in Peripheral and Tumor-infiltrating Lymphocytes. <i>Clinical Cancer Research</i> , 2018, 24, 4187-4200.	7.0	114
41	CBMT-12. FATTY ACID SYNTHASE POSITIVE EVs AS NOVEL BIOMARKERS IN BRAIN CANCER.. <i>Neuro-Oncology</i> , 2018, 20, vi34-vi35.	1.2	0
42	IMMU-55. IMMUNOMODULATORY IL-7 AND IL-12-EXPRESSING MSCs INDUCE LONG-TERM SURVIVAL AND IMMUNITY IN SYNGENEIC INTRACEREBRAL GLIOBLASTOMA MODELS. <i>Neuro-Oncology</i> , 2018, 20, vi133-vi134.	1.2	0
43	Chordoid meningiomas can be sub-stratified into prognostically distinct DNA methylation classes and are enriched for heterozygous deletions of chromosomal arm 2p. <i>Acta Neuropathologica</i> , 2018, 136, 975-978.	7.7	11
44	The secreted glycolytic enzyme GPI/AMF stimulates glioblastoma cell migration and invasion in an autocrine fashion but can have anti-proliferative effects. <i>Neuro-Oncology</i> , 2018, 20, 1594-1605.	1.2	21
45	Optical Barcoding for Single-Clone Tracking to Study Tumor Heterogeneity. <i>Molecular Therapy</i> , 2017, 25, 621-633.	8.2	32
46	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. <i>Lancet Oncology</i> , The, 2017, 18, 682-694.	10.7	586
47	PTEN mediates the cross talk between breast and glial cells in brain metastases leading to rapid disease progression. <i>Oncotarget</i> , 2017, 8, 6155-6168.	1.8	35
48	Glycolysis and the pentose phosphate pathway are differentially associated with the dichotomous regulation of glioblastoma cell migration versus proliferation. <i>Neuro-Oncology</i> , 2016, 18, 1219-1229.	1.2	114
49	Human glioblastoma stem-like cells accumulate protoporphyrin IX when subjected to exogenous 5-aminolaevulinic acid, rendering them sensitive to photodynamic treatment. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 163, 203-210.	3.8	28
50	TERT Promoter Mutations and Risk of Recurrence in Meningioma. <i>Journal of the National Cancer Institute</i> , 2016, 108, djv377.	6.3	283
51	Transcriptomic analysis of aggressive meningiomas identifies PTTG1 and LEPR as prognostic biomarkers independent of WHO grade. <i>Oncotarget</i> , 2016, 7, 14551-14568.	1.8	36
52	METB-06THE GLYCOLYSIS ENZYME GLUCOSE 6-PHOSPHATE ISOMERASE (GPI) STIMULATES GLIOBLASTOMA CELL MOTILITY IN AN AUTOCRINE FASHION. <i>Neuro-Oncology</i> , 2015, 17, v136.2-v136.	1.2	0
53	Printed peptide arrays identify prognostic TNC serumantibodies in glioblastoma patients. <i>Oncotarget</i> , 2015, 6, 13579-13590.	1.8	21
54	<i>EGFR</i> Amplification and Glioblastoma Stem-Like Cells. <i>Stem Cells International</i> , 2015, 2015, 1-11.	2.5	30

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55	METB-05GLYCOLYSIS AND THE PENTOSE PHOSPHATE PATHWAY ARE DIFFERENTIALLY ASSOCIATED WITH THE DICHOTOMOUS REGULATION OF GLIOBLASTOMA CELL MIGRATION VERSUS PROLIFERATION. <i>Neuro-Oncology</i> , 2015, 17, v136.1-v136.	1.2	1
56	Inhibition of intracerebral glioblastoma growth by targeting the insulin-like growth factor 1 receptor involves different context-dependent mechanisms. <i>Neuro-Oncology</i> , 2015, 17, 1076-1085.	1.2	27
57	"GO OR GROW" - LINKS BETWEEN CELLULAR FUNCTION, GLUCOSE METABOLISM AND GLIOMA MICROENVIRONMENT. <i>Neuro-Oncology</i> , 2014, 16, iii6-iii6.	1.2	1
58	Hematogenous dissemination of glioblastoma multiforme. <i>Science Translational Medicine</i> , 2014, 6, 247ra101.	12.4	264
59	High-Frequency Stimulation of the Subthalamic Nucleus Counteracts Cortical Expression of Major Histocompatibility Complex Genes in a Rat Model of Parkinson's Disease. <i>PLoS ONE</i> , 2014, 9, e91663.	2.5	7
60	Glioma stem cells as a target for treatment. <i>Targeted Oncology</i> , 2010, 5, 211-215.	3.6	18
61	Vascular endothelial growth factor-stimulated cerebral microvascular endothelial cells mediate the recruitment of neural stem cells to the neurovascular niche. <i>Brain Research</i> , 2009, 1268, 24-37.	2.2	75