Katrin Lamszus

List of Publications by Year
in descending order

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61	3,219	236925	243625
papers	citations	25 h-index	44 g-index

61	61	61	4917
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	DNA methylation-based classification and grading system for meningioma: a multicentre, retrospective analysis. Lancet Oncology, The, 2017, 18, 682-694.	10.7	586
2	Immune evasion mediated by PD-L1 on glioblastoma-derived extracellular vesicles. Science Advances, 2018, 4, eaar2766.	10.3	416
3	TERT Promoter Mutations and Risk of Recurrence in Meningioma. Journal of the National Cancer Institute, 2016, 108, djv377.	6.3	283
4	Hematogenous dissemination of glioblastoma multiforme. Science Translational Medicine, 2014, 6, 247ra101.	12.4	264
5	Evolutionary Trajectories of IDHWT Glioblastomas Reveal a Common Path of Early Tumorigenesis Instigated Years ahead of Initial Diagnosis. Cancer Cell, 2019, 35, 692-704.e12.	16.8	172
6	Spatially resolved multi-omics deciphers bidirectional tumor-host interdependence in glioblastoma. Cancer Cell, 2022, 40, 639-655.e13.	16.8	166
7	CDKN2A/B homozygous deletion is associated with early recurrence in meningiomas. Acta Neuropathologica, 2020, 140, 409-413.	7.7	116
8	Glycolysis and the pentose phosphate pathway are differentially associated with the dichotomous regulation of glioblastoma cell migration versus proliferation. Neuro-Oncology, 2016, 18, 1219-1229.	1.2	114
9	Immunophenotyping of Newly Diagnosed and Recurrent Glioblastoma Defines Distinct Immune Exhaustion Profiles in Peripheral and Tumor-infiltrating Lymphocytes. Clinical Cancer Research, 2018, 24, 4187-4200.	7.0	114
10	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	1.6	93
11	Imaging flow cytometry facilitates multiparametric characterization of extracellular vesicles in malignant brain tumours. Journal of Extracellular Vesicles, 2019, 8, 1588555.	12.2	86
12	Vascular endothelial growth factor-stimulated cerebral microvascular endothelial cells mediate the recruitment of neural stem cells to the neurovascular niche. Brain Research, 2009, 1268, 24-37.	2.2	75
13	Genome-wide methylation profiling of glioblastoma cell-derived extracellular vesicle DNA allows tumor classification. Neuro-Oncology, 2021, 23, 1087-1099.	1.2	59
14	Clonality of circulating tumor cells in breast cancer brain metastasis patients. Breast Cancer Research, 2019, 21, 101.	5.0	54
15	ALCAM contributes to brain metastasis formation in non-small-cell lung cancer through interaction with the vascular endothelium. Neuro-Oncology, 2020, 22, 955-966.	1.2	36
16	Transcriptomic analysis of aggressive meningiomas identifies PTTG1 and LEPR as prognostic biomarkers independent of WHO grade. Oncotarget, 2016, 7, 14551-14568.	1.8	36
17	Immunologic Profiling of Mutational and Transcriptional Subgroups in Pediatric and Adult High-Grade Gliomas. Cancer Immunology Research, 2019, 7, 1401-1411.	3.4	35
18	PTEN mediates the cross talk between breast and glial cells in brain metastases leading to rapid disease progression. Oncotarget, 2017, 8, 6155-6168.	1.8	35

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19	Optical Barcoding for Single-Clone Tracking to Study Tumor Heterogeneity. Molecular Therapy, 2017, 25, 621-633.	8.2	32
20	Immune Characterization in Aneurysmal Subarachnoid Hemorrhage Reveals Distinct Monocytic Activation and Chemokine Patterns. Translational Stroke Research, 2020, 11, 1348-1361.	4.2	32
21	Local Intracerebral Immunomodulation Using Interleukin-Expressing Mesenchymal Stem Cells in Glioblastoma. Clinical Cancer Research, 2020, 26, 2626-2639.	7.0	31
22	EGFRAmplification and Glioblastoma Stem-Like Cells. Stem Cells International, 2015, 2015, 1-11.	2.5	30
23	Human glioblastoma stem-like cells accumulate protoporphyrin IX when subjected to exogenous 5-aminolaevulinic acid, rendering them sensitive to photodynamic treatment. Journal of Photochemistry and Photobiology B: Biology, 2016, 163, 203-210.	3.8	28
24	Preclinical analysis of human mesenchymal stem cells: tumor tropism and therapeutic efficiency of local HSV-TK suicide gene therapy in glioblastoma. Oncotarget, 2019, 10, 6049-6061.	1.8	28
25	Inhibition of intracerebral glioblastoma growth by targeting the insulin-like growth factor 1 receptor involves different context-dependent mechanisms. Neuro-Oncology, 2015, 17, 1076-1085.	1.2	27
26	The genetic landscape of choroid plexus tumors in children and adults. Neuro-Oncology, 2021, 23, 650-660.	1.2	26
27	CD74 and CD44 Expression on CTCs in Cancer Patients with Brain Metastasis. International Journal of Molecular Sciences, 2021, 22, 6993.	4.1	26
28	Molecular profiling of an osseous metastasis in glioblastoma during checkpoint inhibition: potential mechanisms of immune escape. Acta Neuropathologica Communications, 2020, 8, 28.	5.2	24
29	Cannabidiol converts NF-Î¹B into a tumor suppressor in glioblastoma with defined antioxidative properties. Neuro-Oncology, 2021, 23, 1898-1910.	1.2	24
30	Cytotoxic T Cells and their Activation Status are Independent Prognostic Markers in Meningiomas. Clinical Cancer Research, 2019, 25, 5260-5270.	7.0	23
31	Printed peptide arrays identify prognostic TNC serumantibodies in glioblastoma patients. Oncotarget, 2015, 6, 13579-13590.	1.8	21
32	The secreted glycolytic enzyme GPI/AMF stimulates glioblastoma cell migration and invasion in an autocrine fashion but can have anti-proliferative effects. Neuro-Oncology, 2018, 20, 1594-1605.	1.2	21
33	FASN Is a Biomarker Enriched in Malignant Glioma-Derived Extracellular Vesicles. International Journal of Molecular Sciences, 2020, 21, 1931.	4.1	20
34	Glioma stem cells as a target for treatment. Targeted Oncology, 2010, 5, 211-215.	3.6	18
35	Discovery of Targetable Genetic Alterations in NSCLC Patients with Different Metastatic Patterns Using a MassARRAY-Based Circulating Tumor DNA Assay. Cells, 2020, 9, 2337.	4.1	13
36	Chordoid meningiomas can be sub-stratified into prognostically distinct DNA methylation classes and are enriched for heterozygous deletions of chromosomal arm 2p. Acta Neuropathologica, 2018, 136, 975-978.	7.7	11

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37	MPAPASS software enables stitched multiplex, multidimensional EV repertoire analysis and a standard framework for reporting bead-based assays. Cell Reports Methods, 2022, 2, 100136.	2.9	8
38	Genome-wide DNA methylation profiles distinguish silent from non-silent ACTH adenomas. Acta Neuropathologica, 2020, 140, 95-97.	7.7	7
39	Intrathecal and systemic alterations of L-arginine metabolism in patients after intracerebral hemorrhage. Journal of Cerebral Blood Flow and Metabolism, 2021, 41, 0271678X2098321.	4.3	7
40	High-Frequency Stimulation of the Subthalamic Nucleus Counteracts Cortical Expression of Major Histocompatibility Complex Genes in a Rat Model of Parkinsonâ€™s Disease. PLoS ONE, 2014, 9, e91663.	2.5	7
41	Diagnostic potential of extracellular vesicles in meningioma patients. Neuro-Oncology, 2022, 24, 2078-2090.	1.2	6
42	Mass Spectrometric Lipid Profiles of Picosecond Infrared Laserâ€Generated Tissue Aerosols Discriminate Different Brain Tissues. Lasers in Surgery and Medicine, 2020, 52, 228-234.	2.1	5
43	Circulating cell-free DNA and its clinical utility in cancer. Laboratoriums Medizin, 2022, 46, 265-272.	0.6	2
44	"GO OR GROW" - LINKS BETWEEN CELLULAR FUNCTION, GLUCOSE METABOLISM AND GLIOMA MICROENVIRONMENT. Neuro-Oncology, 2014, 16, iii6-iii6.	1.2	1
45	METB-05GLYCOLYSIS AND THE PENTOSE PHOSPHATE PATHWAY ARE DIFFERENTIALLY ASSOCIATED WITH THE DICHOTOMOUS REGULATION OF GLIOBLASTOMA CELL MIGRATION VERSUS PROLIFERATION. Neuro-Oncology, 2015, 17, v136.1-v136.	1.2	1
46	METB-06THE GLYCOLYSIS ENZYME GLUCOSE 6-PHOSPHATE ISOMERASE (GPI) STIMULATES GLIOBLASTOMA CELL MOTILITY IN AN AUTOCRINE FASHION. Neuro-Oncology, 2015, 17, v136.2-v136.	1.2	0
47	CBMT-12. FATTY ACID SYNTHASE POSITIVE EVs AS NOVEL BIOMARKERS IN BRAIN CANCER.. Neuro-Oncology, 2018, 20, vi34-vi35.	1.2	0
48	IMMU-55. IMMUNOMODULATORY IL-7 AND IL-12-EXPRESSING MSCs INDUCE LONG-TERM SURVIVAL AND IMMUNITY IN SYNGENEIC INTRACEREBRAL GLIOBLASTOMA MODELS. Neuro-Oncology, 2018, 20, vi133-vi134.	1.2	0
49	Highlights of the inaugural ten â€“ the launch of Neuro-Oncology Advances. Neuro-Oncology Advances, 2019, 1, vdz016.	0.7	0
50	CSIG-09. PROTEOMIC ANALYSIS OF MENINGIOMA CELL-DERIVED EXTRACELLULAR VESICLES: FIRST OF A KIND. Neuro-Oncology, 2019, 21, vi45-vi46.	1.2	0
51	CSIG-11. CENTRAL NERVOUS SYSTEM TUMOR PATIENTS HAVE ELEVATED LEVELS OF CIRCULATING EXTRACELLULAR VESICLES. Neuro-Oncology, 2019, 21, vi46-vi46.	1.2	0
52	RARE-26. WHOLE GENOME SEQUENCING OF AN OSSEOUS METASTASIS DURING CHECKPOINT-CONTROLLED INTRACRANIAL GLIOBLASTOMA REVEALS NEW INSIGHTS INTO POTENTIAL MECHANISMS OF IMMUNE ESCAPE. Neuro-Oncology, 2019, 21, vi227-vi227.	1.2	0
53	PATH-53. IMMUNOLOGICAL PROFILING OF MUTATIONAL AND TRANSCRIPTIONAL SUBGROUPS IN PEDIATRIC AND ADULT HIGH-GRADE GLIOMAS. Neuro-Oncology, 2019, 21, vi155-vi155.	1.2	0
54	IMMU-40. CANCER IMMUNOEDITING SHAPES THE IMMUNE ESCAPE SIGNATURE AND CLONAL ARCHITECTURE IN GLIOMAS. Neuro-Oncology, 2019, 21, vi127-vi127.	1.2	0

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55	GENE-22. GENOME-WIDE METHYLATION PROFILING OF GLIOBLASTOMA EXTRACELLULAR VESICLE DNA ALLOWS TUMOR CLASSIFICATION. Neuro-Oncology, 2019, 21, vi102-vi102.	1.2	0
56	IMMU-17. SYSTEMIC IMMUNOSUPPRESSION OF CD4+ T HELPER CELLS IN GLIOMA. Neuro-Oncology, 2021, 23, vi95-vi95.	1.2	0
57	BIOM-19. DECIPHERING THE METHYLATION SIGNATURE OF CIRCULATING EXTRACELLULAR VESICLE DNA FOR CNS TUMOR CLASSIFICATION. Neuro-Oncology, 2021, 23, vi14-vi14.	1.2	0
58	PATH-34. MOLECULAR AND CLINICAL HETEROGENEITY WITHIN SPINAL EPENDYMOMAS. Neuro-Oncology, 2021, 23, vi122-vi122.	1.2	0
59	BIOM-39. METHYLATION AND MUTATION PROFILES IN MENINGIOMA CELL-DERIVED EXTRACELLULAR VESICLE DNA REFLECT EPIGENETIC AND GENOMIC ALTERATIONS IN ORIGINAL TUMORS. Neuro-Oncology, 2021, 23, vi19-vi19.	1.2	0
60	PATH-39. INTEGRATED MOLECULAR-MORPHOLOGICAL MENINGIOMA CLASSIFICATION: A MULTICENTER RETROSPECTIVE ANALYSIS, RETRO- AND PROSPECTIVELY VALIDATED. Neuro-Oncology, 2021, 23, vi123-vi124.	1.2	0
61	TBIO-07. Pediatric tumor classification through genome-wide methylation profiling of extracellular vesicle DNA. Neuro-Oncology, 2022, 24, i184-i184.	1.2	0