Peter Baumgarten

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3622962/publications.pdf

Version: 2024-02-01

		394421	254184
66	2,111	19	43
papers	citations	h-index	g-index

67	67	67	3203
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	DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. Neuro-Oncology, 2019, 21, 901-910.	1.2	184
3	Endothelial cellâ€derived angiopoietinâ€2 is a therapeutic target in treatmentâ€naive and bevacizumabâ€resistant glioblastoma. EMBO Molecular Medicine, 2016, 8, 39-57.	6.9	140
4	Loss of histone H3K27me3 identifies a subset of meningiomas with increased risk of recurrence. Acta Neuropathologica, 2018, 135, 955-963.	7.7	109
5	Distribution and prognostic impact of microglia/macrophage subpopulations in gliomas. Brain Pathology, 2019, 29, 513-529.	4.1	99
6	Integrated Molecular-Morphologic Meningioma Classification: A Multicenter Retrospective Analysis, Retrospectively and Prospectively Validated. Journal of Clinical Oncology, 2021, 39, 3839-3852.	1.6	93
7	<scp>MIF</scp> Receptor <scp>CD</scp>74 is Restricted to Microglia/Macrophages, Associated with a <scp>M</scp>1â€Polarized Immune Milieu and Prolonged Patient Survival in Gliomas. Brain Pathology, 2015, 25, 491-504.	4.1	90
8	Surgery for Glioblastoma in Light of Molecular Markers: Impact of Resection and MGMT Promoter Methylation in Newly Diagnosed IDH-1 Wild-Type Glioblastomas. Neurosurgery, 2019, 84, 190-197.	1.1	59
9	Human cytomegalovirus infection in tumor cells of the nervous system is not detectable with standardized pathologico-virological diagnostics. Neuro-Oncology, 2014, 16, 1469-1477.	1.2	54
10	Brain invasion in otherwise benign meningiomas does not predict tumor recurrence. Acta Neuropathologica, 2016, 132, 479-481.	7.7	54
11	Thrombolysis with recombinant tissue plasminogen activator under dabigatran anticoagulation in experimental stroke. Annals of Neurology, 2012, 71, 624-633.	5.3	53
12	Oncomodulation by human cytomegalovirus: novel clinical findings open new roads. Medical Microbiology and Immunology, 2011, 200, 1-5.	4.8	50
13	Loss of FUBP1 expression in gliomas predictsFUBP1mutation and is associated with oligodendroglial differentiation,IDH1mutation and 1p/19q loss of heterozygosity. Neuropathology and Applied Neurobiology, 2014, 40, 205-216.	3.2	41
14	Differential expression of vascular endothelial growth factor A, its receptors VEGFR-1, -2, and -3 and co-receptors neuropilin-1 and -2 does not predict bevacizumab response in human astrocytomas. Neuro-Oncology, 2016, 18, 173-183.	1.2	35
15	Non-instrumented extradural lumbar spine surgery under low-dose acetylsalicylic acid: a comparative risk analysis study. European Spine Journal, 2016, 25, 732-739.	2.2	33
16	Diagnostic and clinical relevance of the autophago-lysosomal network in human gliomas. Oncotarget, 2016, 7, 20016-20032.	1.8	32
17	Topotecan is a potent inhibitor of SUMOylation in glioblastoma multiforme and alters both cellular replication and metabolic programming. Scientific Reports, 2017, 7, 7425.	3.3	28
18	Expression of vascular endothelial growth factor (VEGF) and its receptors VEGFR1 and VEGFR2 in primary and recurrent WHO grade III meningiomas. Histology and Histopathology, 2013, 28, 1157-66.	0.7	25

#	Article	IF	Citations
19	Lack of H3K27 trimethylation is associated with 1p/19q codeletion in diffuse gliomas. Acta Neuropathologica, 2019, 138, 331-334.	7.7	22
20	Focused review on seizures caused by meningiomas. Epilepsy and Behavior, 2018, 88, 146-151.	1.7	21
21	PAX2 Regulates ADAM10 Expression and Mediates Anchorage-Independent Cell Growth of Melanoma Cells. PLoS ONE, 2011, 6, e22312.	2.5	19
22	Stereotactic Biopsy of Pineal Lesions. World Neurosurgery, 2016, 96, 124-128.	1.3	18
23	Motor Cortex Reorganization in Patients with Glioma Assessed by Repeated Navigated Transcranial Magnetic Stimulationâ€“A Longitudinal Study. World Neurosurgery, 2018, 112, e442-e453.	1.3	18
24	A Functional Yeast Survival Screen of Tumor-Derived cDNA Libraries Designed to Identify Anti-Apoptotic Mammalian Oncogenes. PLoS ONE, 2013, 8, e64873.	2.5	17
25	Pre- and early postoperative GFAP serum levels in glioma and brain metastases. Journal of Neuro-Oncology, 2018, 139, 541-546.	2.9	16
26	Immunohistochemical Assessment of Phosphorylated mTORC1-Pathway Proteins in Human Brain Tumors. PLoS ONE, 2015, 10, e0127123.	2.5	15
27	Direct oral anticoagulants vs. low-molecular-weight heparin for pulmonary embolism in patients with glioblastoma. Neurosurgical Review, 2022, 45, 451-457.	2.4	14
28	â€œTwo is not enoughâ€•â€“ Impact of the number of tissue samples obtained from stereotactic brain biopsies in suspected glioblastoma. Journal of Clinical Neuroscience, 2018, 47, 311-314.	1.5	13
29	Early and Late Postoperative Seizures in Meningioma Patients and Prediction by a Recent Scoring System. Cancers, 2021, 13, 450.	3.7	13
30	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
31	Influence of pregnancy on glioma patients. Acta Neurochirurgica, 2019, 161, 535-543.	1.7	11
32	DCE-MRI in Glioma, Infiltration Zone and Healthy Brain to Assess Angiogenesis: AÂBiopsy Study. Clinical Neuroradiology, 2021, 31, 1049-1058.	1.9	10
33	Immune Checkpoint Inhibitor-Induced Cerebral Pseudoprogression: Patterns and Categorization. Frontiers in Immunology, 2021, 12, 798811.	4.8	9
34	Influence of VEGF-A, VEGFR-1-3, and neuropilin 1-2 on progression-free: and overall survival in WHO grade II and III meningioma patients. Journal of Molecular Histology, 2021, 52, 233-243.	2.2	8
35	Clinical Outcome and Risk Factors of Red Blood Cell Transfusion in Patients Undergoing Elective Primary Meningioma Resection. Cancers, 2021, 13, 3601.	3.7	8
36	A Paravermal Trans-Cerebellar Approach to the Posterior Fossa Tumor Causes Hypertrophic Olivary Degeneration by Dentate Nucleus Injury. Cancers, 2021, 13, 258.	3.7	8

#	Article	IF	Citations
37	Pericytes/vessel-associated mural cells (VAMCs) are the major source of key epithelial-mesenchymal transition (EMT) factors SLUG and TWIST in human glioma. Oncotarget, 2018, 9, 24041-24053.	1.8	8
38	Tumour necrosis factor receptor superfamily member 9 (<scp>TNFRSF</scp>9) is upâ€regulated in reactive astrocytes in human gliomas. Neuropathology and Applied Neurobiology, 2015, 41, e56-67.	3.2	7
39	Delayed Occurrence of Hypertrophic Olivary Degeneration after Therapy of Posterior Fossa Tumors: A Single Institution Retrospective Analysis. Journal of Clinical Medicine, 2019, 8, 2222.	2.4	7
40	Cholinergic innervation and ganglion cell distribution in Hirschsprungâ€™s disease. BMC Pediatrics, 2020, 20, 399.	1.7	7
41	The impact of timing of intravenous iron supplementation on preoperative haemoglobin in patients scheduled for major surgery. Blood Transfusion, 2021, , .	0.4	7
42	Intracranial Ameloblastoma Arising from the Maxilla: An Interdisciplinary Surgical Approach. Journal of Neurological Surgery, Part A: Central European Neurosurgery, 2017, 78, 582-587.	0.8	6
43	Proposed definition of competencies for surgical neuro-oncology training. Journal of Neuro-Oncology, 2021, 153, 121-131.	2.9	6
44	TGFâ€Î² activates pericytes via induction of the epithelialâ€toâ€mesenchymal transition protein SLUG in glioblastoma. Neuropathology and Applied Neurobiology, 2021, 47, 768-780.	3.2	6
45	PAX2 is an antiapoptotic molecule with deregulated expression in medulloblastoma. International Journal of Oncology, 2012, 41, 235-41.	3.3	5
46	Assessment of molecular markers demonstrates concordance between samples acquired via stereotactic biopsy and open craniotomy in both anaplastic astrocytomas and glioblastomas. Journal of Neuro-Oncology, 2017, 133, 399-407.	2.9	5
47	Association of Isocitrate Dehydrogenase (IDH) Status With Edema to Tumor Ratio and Its Correlation With Immune Infiltration in Glioblastoma. Frontiers in Immunology, 2021, 12, 627650.	4.8	5
48	Meningioma Surgery in Patients â‰¥70 Years of Age: Clinical Outcome and Validation of the SKALE Score. Journal of Clinical Medicine, 2021, 10, 1820.	2.4	5
49	Cerebral foreign body granuloma in brain triggering generalized seizures without obvious craniocerebral injury: A case report and review of the literature. , 2016, 7, 775.		5
50	<scp>P</scp>aired box gene 8 (<scp>PAX8</scp>) expression is associated with sonic hedgehog (<scp>SHH</scp>)/wingless int (<scp>WNT</scp>) subtypes, desmoplastic histology and patient survival in human medulloblastomas. Neuropathology and Applied Neurobiology, 2015, 41, 165-179.	3.2	4
51	Linking epigenetic signature and metabolic phenotype in IDH mutant and IDH wildtype diffuse glioma. Neuropathology and Applied Neurobiology, 2021, 47, 379-393.	3.2	4
52	Preoperative anaemia and red blood cell transfusion in patients with aneurysmal subarachnoid and intracerebral haemorrhage â€" a multicentre subanalysis of the German PBM Network Registry. Acta Neurochirurgica, 2022, 164, 985-999.	1.7	3
53	Analysis of Cerebral Angiogenesis in Human Glioblastomas. Methods in Molecular Biology, 2014, 1135, 187-203.	0.9	1
54	Positive influence of partial resection on overall survival of patients with overlapping glioblastomas. Clinical Neurology and Neurosurgery, 2017, 161, 22-28.	1.4	1

#	Article	IF	Citations
55	SURG-08. RESECTION OF CONTRAST ENHANCING TISSUE PROLONGS OVERALL SURVIVAL IN GLIOMAS â€“ SECONDARY ENDPOINT ANALYSIS OF AÂRANDOMIZED CONTROLLED TRIAL ON INTRAOPERATIVE MRI USE. Neuro-Oncology, 2017, 19, vi237-vi237.	1.2	1
56	Direct oral anticoagulants for therapeutic anticoagulation in postoperative pulmonary embolism after meningioma resection. Journal of Clinical Neuroscience, 2020, 81, 265-269.	1.5	1
57	Two-step staged resection of giant olfactory groove meningiomas. Acta Neurochirurgica, 2021, 163, 3425-3431.	1.7	1
58	316 Extent of Resection and MGMT Promotor Methylation Status are Independent Risk Factors in IDH1_R132H Wild-type Primary Glioblastomas. Neurosurgery, 2017, 64, 268.	1.1	0
59	MNGI-14. LOSS OF HISTONE H3K27me3 IDENTIFIES A SUBSET OF MENINGIOMAS WITH INCREASED RISK OF RECURRENCE. Neuro-Oncology, 2018, 20, vi151-vi151.	1.2	0
60	MNGI-05. DEVELOPMENT AND VALIDATION OF A DNA METHYLOME-BASED PREDICTOR OF MENINGIOMA RECURRENCE AND MENINGIOMA RECURRENCE SCORE. Neuro-Oncology, 2018, 20, vi148-vi149.	1.2	0
61	INNV-22. TO TREAT OR NOT TO TREAT â€“ TREATMENT OUTCOMES OF VERY ELDERLY GLIOBLASTOMA PATIENTS. Neuro-Oncology, 2019, 21, vi135-vi135.	1.2	0
62	Incidence, risk factors and clinical course of pyogenic spondylodiscitis patients with pulmonary embolism. European Journal of Trauma and Emergency Surgery, 2021, , 1.	1.7	0
63	Tumor necrosis factor receptor superfamily member 9 is upregulated in the endothelium and tumor cells in melanoma brain metastasis. Neuroimmunology and Neuroinflammation, 2014, 1, 135.	1.4	0
64	Development and Validation of an Individualized Predictor of Meningioma Recurrence: A Multicenter Retrospective Cohort Study. , 2019, 80, .		0
65	PATH-39. INTEGRATED MOLECULAR-MORPHOLOGICAL MENINGIOMA CLASSIFICATION: A MULTICENTER RETROSPECTIVE ANALYSIS, RETRO- AND PROSPECTIVELY VALIDATED. Neuro-Oncology, 2021, 23, vi123-vi124.	1.2	0
66	Therapeutic Anticoagulation Impacts MR Morphologic Recurrence Patterns in Glioblastomaâ€”A Matched-Pair Analysis. Journal of Clinical Medicine, 2022, 11, 422.	2.4	0