

Peter Baumgarten

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

2,111
citations

394421

19
h-index

254184

43
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67
all docs

67
docs citations

67
times ranked

3203
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Direct oral anticoagulants vs. low-molecular-weight heparin for pulmonary embolism in patients with glioblastoma. <i>Neurosurgical Review</i> , 2022, 45, 451-457. | 2.4 | 14 |
| 2 | Therapeutic Anticoagulation Impacts MR Morphologic Recurrence Patterns in Glioblastoma—A Matched-Pair Analysis. <i>Journal of Clinical Medicine</i> , 2022, 11, 422. | 2.4 | 0 |
| 3 | Preoperative anaemia and red blood cell transfusion in patients with aneurysmal subarachnoid and intracerebral haemorrhage — a multicentre subanalysis of the German PBM Network Registry. <i>Acta Neurochirurgica</i> , 2022, 164, 985-999. | 1.7 | 3 |
| 4 | Linking epigenetic signature and metabolic phenotype in IDH mutant and IDH wildtype diffuse glioma. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 379-393. | 3.2 | 4 |
| 5 | 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. <i>Journal of Molecular Histology</i> , 2021, 52, 233-243. | 2.2 | 8 |
| 6 | Association of Isocitrate Dehydrogenase (IDH) Status With Edema to Tumor Ratio and Its Correlation With Immune Infiltration in Glioblastoma. <i>Frontiers in Immunology</i> , 2021, 12, 627650. | 4.8 | 5 |
| 7 | DCE-MRI in Glioma, Infiltration Zone and Healthy Brain to Assess Angiogenesis: A Biopsy Study. <i>Clinical Neuroradiology</i> , 2021, 31, 1049-1058. | 1.9 | 10 |
| 8 | Meningioma Surgery in Patients ≥70 Years of Age: Clinical Outcome and Validation of the SKALE Score. <i>Journal of Clinical Medicine</i> , 2021, 10, 1820. | 2.4 | 5 |
| 9 | Proposed definition of competencies for surgical neuro-oncology training. <i>Journal of Neuro-Oncology</i> , 2021, 153, 121-131. | 2.9 | 6 |
| 10 | TGF β ² activates pericytes via induction of the epithelial-mesenchymal transition protein SLUG in glioblastoma. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 768-780. | 3.2 | 6 |
| 11 | Clinical Outcome and Risk Factors of Red Blood Cell Transfusion in Patients Undergoing Elective Primary Meningioma Resection. <i>Cancers</i> , 2021, 13, 3601. | 3.7 | 8 |
| 12 | Two-step staged resection of giant olfactory groove meningiomas. <i>Acta Neurochirurgica</i> , 2021, 163, 3425-3431. | 1.7 | 1 |
| 13 | Incidence, risk factors and clinical course of pyogenic spondylodiscitis patients with pulmonary embolism. <i>European Journal of Trauma and Emergency Surgery</i> , 2021, , 1. | 1.7 | 0 |
| 14 | Early and Late Postoperative Seizures in Meningioma Patients and Prediction by a Recent Scoring System. <i>Cancers</i> , 2021, 13, 450. | 3.7 | 13 |
| 15 | A Paravermal Trans-Cerebellar Approach to the Posterior Fossa Tumor Causes Hypertrophic Olivary Degeneration by Dentate Nucleus Injury. <i>Cancers</i> , 2021, 13, 258. | 3.7 | 8 |
| 16 | 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 |
| 17 | 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 |
| 18 | Immune Checkpoint Inhibitor-Induced Cerebral Pseudoprogression: Patterns and Categorization. <i>Frontiers in Immunology</i> , 2021, 12, 798811. | 4.8 | 9 |

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|----|---|-----|-----------|
| 19 | The impact of timing of intravenous iron supplementation on preoperative haemoglobin in patients scheduled for major surgery. <i>Blood Transfusion</i> , 2021, , . | 0.4 | 7 |
| 20 | Cholinergic innervation and ganglion cell distribution in Hirschsprungâ€™s disease. <i>BMC Pediatrics</i> , 2020, 20, 399. | 1.7 | 7 |
| 21 | Direct oral anticoagulants for therapeutic anticoagulation in postoperative pulmonary embolism after meningioma resection. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 265-269. | 1.5 | 1 |
| 22 | Influence of pregnancy on glioma patients. <i>Acta Neurochirurgica</i> , 2019, 161, 535-543. | 1.7 | 11 |
| 23 | DNA methylation profiling to predict recurrence risk in meningioma: development and validation of a nomogram to optimize clinical management. <i>Neuro-Oncology</i> , 2019, 21, 901-910. | 1.2 | 184 |
| 24 | Lack of H3K27 trimethylation is associated with 1p/19q codeletion in diffuse gliomas. <i>Acta Neuropathologica</i> , 2019, 138, 331-334. | 7.7 | 22 |
| 25 | INNV-22. TO TREAT OR NOT TO TREAT â€“ TREATMENT OUTCOMES OF VERY ELDERLY GLIOBLASTOMA PATIENTS. <i>Neuro-Oncology</i> , 2019, 21, vi135-vi135. | 1.2 | 0 |
| 26 | Delayed Occurrence of Hypertrophic Olivary Degeneration after Therapy of Posterior Fossa Tumors: A Single Institution Retrospective Analysis. <i>Journal of Clinical Medicine</i> , 2019, 8, 2222. | 2.4 | 7 |
| 27 | Distribution and prognostic impact of microglia/macrophage subpopulations in gliomas. <i>Brain Pathology</i> , 2019, 29, 513-529. | 4.1 | 99 |
| 28 | Surgery for Glioblastoma in Light of Molecular Markers: Impact of Resection and MGMT Promoter Methylation in Newly Diagnosed IDH-1 Wild-Type Glioblastomas. <i>Neurosurgery</i> , 2019, 84, 190-197. | 1.1 | 59 |
| 29 | Development and Validation of an Individualized Predictor of Meningioma Recurrence: A Multicenter Retrospective Cohort Study. , 2019, 80, . | | 0 |
| 30 | Loss of histone H3K27me3 identifies a subset of meningiomas with increased risk of recurrence. <i>Acta Neuropathologica</i> , 2018, 135, 955-963. | 7.7 | 109 |
| 31 | Motor Cortex Reorganization in Patients with Glioma Assessed by Repeated Navigated Transcranial Magnetic Stimulationâ€“A Longitudinal Study. <i>World Neurosurgery</i> , 2018, 112, e442-e453. | 1.3 | 18 |
| 32 | â€œTwo is not enoughâ€“ Impact of the number of tissue samples obtained from stereotactic brain biopsies in suspected glioblastoma. <i>Journal of Clinical Neuroscience</i> , 2018, 47, 311-314. | 1.5 | 13 |
| 33 | MNGI-14. LOSS OF HISTONE H3K27me3 IDENTIFIES A SUBSET OF MENINGIOMAS WITH INCREASED RISK OF RECURRENCE. <i>Neuro-Oncology</i> , 2018, 20, vi151-vi151. | 1.2 | 0 |
| 34 | MNGI-05. DEVELOPMENT AND VALIDATION OF A DNA METHYLOME-BASED PREDICTOR OF MENINGIOMA RECURRENCE AND MENINGIOMA RECURRENCE SCORE. <i>Neuro-Oncology</i> , 2018, 20, vi148-vi149. | 1.2 | 0 |
| 35 | Focused review on seizures caused by meningiomas. <i>Epilepsy and Behavior</i> , 2018, 88, 146-151. | 1.7 | 21 |
| 36 | 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 |

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|----|---|------|-----------|
| 37 | Pre- and early postoperative GFAP serum levels in glioma and brain metastases. <i>Journal of Neuro-Oncology</i> , 2018, 139, 541-546. | 2.9 | 16 |
| 38 | Pericytes/vessel-associated mural cells (VAMCs) are the major source of key epithelial-mesenchymal transition (EMT) factors SLUG and TWIST in human glioma. <i>Oncotarget</i> , 2018, 9, 24041-24053. | 1.8 | 8 |
| 39 | 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 |
| 40 | Intracranial Ameloblastoma Arising from the Maxilla: An Interdisciplinary Surgical Approach. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2017, 78, 582-587. | 0.8 | 6 |
| 41 | Assessment of molecular markers demonstrates concordance between samples acquired via stereotactic biopsy and open craniotomy in both anaplastic astrocytomas and glioblastomas. <i>Journal of Neuro-Oncology</i> , 2017, 133, 399-407. | 2.9 | 5 |
| 42 | Topotecan is a potent inhibitor of SUMOylation in glioblastoma multiforme and alters both cellular replication and metabolic programming. <i>Scientific Reports</i> , 2017, 7, 7425. | 3.3 | 28 |
| 43 | Positive influence of partial resection on overall survival of patients with overlapping glioblastomas. <i>Clinical Neurology and Neurosurgery</i> , 2017, 161, 22-28. | 1.4 | 1 |
| 44 | SURG-08. RESECTION OF CONTRAST ENHANCING TISSUE PROLONGS OVERALL SURVIVAL IN GLIOMAS – SECONDARY ENDPOINT ANALYSIS OF A RANDOMIZED CONTROLLED TRIAL ON INTRAOPERATIVE MRI USE. <i>Neuro-Oncology</i> , 2017, 19, vi237-vi237. | 1.2 | 1 |
| 45 | 316 Extent of Resection and MGMT Promotor Methylation Status are Independent Risk Factors in IDH1_R132H Wild-type Primary Glioblastomas. <i>Neurosurgery</i> , 2017, 64, 268. | 1.1 | 0 |
| 46 | Endothelial cell-derived angiopoietin-2 is a therapeutic target in treatment-naïve and bevacizumab-resistant glioblastoma. <i>EMBO Molecular Medicine</i> , 2016, 8, 39-57. | 6.9 | 140 |
| 47 | Brain invasion in otherwise benign meningiomas does not predict tumor recurrence. <i>Acta Neuropathologica</i> , 2016, 132, 479-481. | 7.7 | 54 |
| 48 | Stereotactic Biopsy of Pineal Lesions. <i>World Neurosurgery</i> , 2016, 96, 124-128. | 1.3 | 18 |
| 49 | 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. <i>Neuro-Oncology</i> , 2016, 18, 173-183. | 1.2 | 35 |
| 50 | Non-instrumented extradural lumbar spine surgery under low-dose acetylsalicylic acid: a comparative risk analysis study. <i>European Spine Journal</i> , 2016, 25, 732-739. | 2.2 | 33 |
| 51 | Diagnostic and clinical relevance of the autophago-lysosomal network in human gliomas. <i>Oncotarget</i> , 2016, 7, 20016-20032. | 1.8 | 32 |
| 52 | 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 |
| 53 | Immunohistochemical Assessment of Phosphorylated mTORC1-Pathway Proteins in Human Brain Tumors. <i>PLoS ONE</i> , 2015, 10, e0127123. | 2.5 | 15 |
| 54 | MIF Receptor CD74 is Restricted to Microglia/Macrophages, Associated with a Polarized Immune Milieu and Prolonged Patient Survival in Gliomas. <i>Brain Pathology</i> , 2015, 25, 491-504. | 4.1 | 90 |

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|----|---|-----|-----------|
| 55 | Tumour necrosis factor receptor superfamily member 9 (<scp>TNFRSF</scp>9) is upregulated in reactive astrocytes in human gliomas. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, e56-67. | 3.2 | 7 |
| 56 | <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. <i>Neuropathology and Applied Neurobiology</i> , 2015, 41, 165-179. | 3.2 | 4 |
| 57 | Analysis of Cerebral Angiogenesis in Human Glioblastomas. <i>Methods in Molecular Biology</i> , 2014, 1135, 187-203. | 0.9 | 1 |
| 58 | Human cytomegalovirus infection in tumor cells of the nervous system is not detectable with standardized pathologico-virological diagnostics. <i>Neuro-Oncology</i> , 2014, 16, 1469-1477. | 1.2 | 54 |
| 59 | Loss of FUBP1 expression in gliomas predicts FUBP1 mutation and is associated with oligodendroglial differentiation, IDH1 mutation and 1p/19q loss of heterozygosity. <i>Neuropathology and Applied Neurobiology</i> , 2014, 40, 205-216. | 3.2 | 41 |
| 60 | Tumor necrosis factor receptor superfamily member 9 is upregulated in the endothelium and tumor cells in melanoma brain metastasis. <i>Neuroimmunology and Neuroinflammation</i> , 2014, 1, 135. | 1.4 | 0 |
| 61 | A Functional Yeast Survival Screen of Tumor-Derived cDNA Libraries Designed to Identify Anti-Apoptotic Mammalian Oncogenes. <i>PLoS ONE</i> , 2013, 8, e64873. | 2.5 | 17 |
| 62 | Expression of vascular endothelial growth factor (VEGF) and its receptors VEGFR1 and VEGFR2 in primary and recurrent WHO grade III meningiomas. <i>Histology and Histopathology</i> , 2013, 28, 1157-66. | 0.7 | 25 |
| 63 | PAX2 is an antiapoptotic molecule with deregulated expression in medulloblastoma. <i>International Journal of Oncology</i> , 2012, 41, 235-41. | 3.3 | 5 |
| 64 | Thrombolysis with recombinant tissue plasminogen activator under dabigatran anticoagulation in experimental stroke. <i>Annals of Neurology</i> , 2012, 71, 624-633. | 5.3 | 53 |
| 65 | PAX2 Regulates ADAM10 Expression and Mediates Anchorage-Independent Cell Growth of Melanoma Cells. <i>PLoS ONE</i> , 2011, 6, e22312. | 2.5 | 19 |
| 66 | Oncomodulation by human cytomegalovirus: novel clinical findings open new roads. <i>Medical Microbiology and Immunology</i> , 2011, 200, 1-5. | 4.8 | 50 |