

Julia Furtner

List of Publications by Year in descending order

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Version: 2024-02-01

91
papers

2,178
citations

279798

23
h-index

276875

41
g-index

96
all docs

96
docs citations

96
times ranked

3334
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | On the cutting edge of glioblastoma surgery: where neurosurgeons agree and disagree on surgical decisions. <i>Journal of Neurosurgery</i> , 2022, 136, 45-55. | 1.6 | 2 |
| 2 | An fMRI study of cognitive remediation in drug-naïve subjects diagnosed with first episode schizophrenia. <i>Wiener Klinische Wochenschrift</i> , 2022, 134, 249-254. | 1.9 | 5 |
| 3 | Prognostic factors in adult brainstem glioma: a tertiary care center analysis and review of the literature. <i>Journal of Neurology</i> , 2022, 269, 1574-1590. | 3.6 | 10 |
| 4 | Temporal Muscle Thickness as a Prognostic Marker in Patients with Newly Diagnosed Glioblastoma: Translational Imaging Analysis of the CENTRIC EORTC 26071â€“22072 and CORE Trials. <i>Clinical Cancer Research</i> , 2022, 28, 129-136. | 7.0 | 25 |
| 5 | Trabectedin for recurrent WHO grade 2 or 3 meningioma: A randomized phase II study of the EORTC Brain Tumor Group (EORTC-1320-BTG). <i>Neuro-Oncology</i> , 2022, 24, 755-767. | 1.2 | 25 |
| 6 | Influence of dexamethasone on visible 5-ALA fluorescence and quantitative protoporphyrin IX accumulation measured by fluorescence lifetime imaging in glioblastomas: is pretreatment obligatory before fluorescence-guided surgery?. <i>Journal of Neurosurgery</i> , 2022, 136, 1542-1550. | 1.6 | 3 |
| 7 | Prospective validation of a new imaging scorecard to assess leptomeningeal metastasis: A joint EORTC BTG and RANO effort. <i>Neuro-Oncology</i> , 2022, 24, 1726-1735. | 1.2 | 18 |
| 8 | Influence of temporal muscle thickness on the outcome of radiosurgically treated patients with brain metastases from nonâ€“small cell lung cancer. <i>Journal of Neurosurgery</i> , 2022, 137, 999-1005. | 1.6 | 4 |
| 9 | Prognostic impact of genetic alterations and methylation classes in meningioma. <i>Brain Pathology</i> , 2022, 32, e12970. | 4.1 | 27 |
| 10 | 7T HR FID-MRSI Compared to Amino Acid PET: Glutamine and Glycine as Promising Biomarkers in Brain Tumors. <i>Cancers</i> , 2022, 14, 2163. | 3.7 | 3 |
| 11 | Heme Biosynthesis Factors and 5-ALA Induced Fluorescence: Analysis of mRNA and Protein Expression in Fluorescing and Non-fluorescing Gliomas. <i>Frontiers in Medicine</i> , 2022, 9, . | 2.6 | 7 |
| 12 | QOL-30. Positive Effects of a psychological preparation program for MRI in children with cognitive issues â€“ how to best meet the patientsâ€™ needs. <i>Neuro-Oncology</i> , 2022, 24, i140-i140. | 1.2 | 0 |
| 13 | Timing of glioblastoma surgery and patient outcomes: a multicenter cohort study. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab053. | 0.7 | 4 |
| 14 | Favourable outcome of patients with breast cancer brain metastases treated with dual HER2 blockade of trastuzumab and pertuzumab. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110090. | 3.2 | 9 |
| 15 | Evaluation of the Temporal Muscle Thickness as an Independent Prognostic Biomarker in Patients with Primary Central Nervous System Lymphoma. <i>Cancers</i> , 2021, 13, 566. | 3.7 | 21 |
| 16 | Prognostic Value of 5-ALA Fluorescence, Tumor Cell Infiltration and Angiogenesis in the Peritumoral Brain Tissue of Brain Metastases. <i>Cancers</i> , 2021, 13, 603. | 3.7 | 12 |
| 17 | Tumor DNA methylation profiles correlate with response to anti-PD-1 immune checkpoint inhibitor monotherapy in sarcoma patients. , 2021, 9, e001458. | | 26 |
| 18 | BIMG-04. MAPPING HETEROGENEITY OF HIGH-GRADE GLIOMA METABOLISM USING HIGH RESOLUTION 7T MRSI. <i>Neuro-Oncology Advances</i> , 2021, 3, i1-i1. | 0.7 | 0 |

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|----|---|-----|-----------|
| 19 | 5-ALA fluorescence for intraoperative visualization of spinal ependymal tumors and identification of unexpected residual tumor tissue: experience in 31 patients. <i>Journal of Neurosurgery: Spine</i> , 2021, 34, 374-382. | 1.7 | 5 |
| 20 | Neuroimaging in dementia. <i>Wiener Medizinische Wochenschrift</i> , 2021, 171, 274-281. | 1.1 | 5 |
| 21 | Quantifying eloquent locations for glioblastoma surgery using resection probability maps. <i>Journal of Neurosurgery</i> , 2021, 134, 1091-1101. | 1.6 | 14 |
| 22 | How to predict the consistency and vascularity of meningiomas by MRI: an institutional experience. <i>Neurological Research</i> , 2021, 43, 693-699. | 1.3 | 5 |
| 23 | 5-ALA Fluorescence Is a Powerful Prognostic Marker during Surgery of Low-Grade Gliomas (WHO Grade II) – Experience at Two Specialized Centers. <i>Cancers</i> , 2021, 13, 2854. | 3.7 | 19 |
| 24 | Glioblastoma Surgery Imaging Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations. <i>Cancers</i> , 2021, 13, 2854. | 3.7 | 5 |
| 25 | Glioblastoma Surgery Imaging Reporting and Data System: Validation and Performance of the Automated Segmentation Task. <i>Cancers</i> , 2021, 13, 4674. | 3.7 | 9 |
| 26 | NIMG-01. INTEROBSERVER VARIABILITY OF THE REVISED IMAGING SCORECARD FOR LEPTOMENINGEAL METASTASIS: A JOINT EORTC BRAIN TUMOR GROUP AND RANO EFFORT. <i>Neuro-Oncology</i> , 2021, 23, vi126-vi127. | 1.2 | 1 |
| 27 | Reply to Stummer, W.; Thomas, C. Comment on “Hosmann et al. 5-ALA Fluorescence Is a Powerful Prognostic Marker during Surgery of Low-Grade Gliomas (WHO Grade II) – Experience at Two Specialized Centers. <i>Cancers</i> 2021, 13, 2540.” <i>Cancers</i> , 2021, 13, 5705. | 3.7 | 0 |
| 28 | Efficacy, Outcome, and Safety of Elderly Patients with Glioblastoma in the 5-ALA Era: Single Center Experience of More Than 10 Years. <i>Cancers</i> , 2021, 13, 6119. | 3.7 | 6 |
| 29 | Is Intraoperative Pathology Needed if 5-Aminolevulinic-Acid-Induced Tissue Fluorescence Is Found in Stereotactic Brain Tumor Biopsy?. <i>Neurosurgery</i> , 2020, 86, 366-373. | 1.1 | 29 |
| 30 | Diffusion tensor imaging of the normal-appearing deep gray matter in primary and secondary progressive multiple sclerosis. <i>Acta Radiologica</i> , 2020, 61, 85-92. | 1.1 | 4 |
| 31 | Noninvasive Differentiation of Meningiomas and Dural Metastases Using Intratumoral Vascularity Obtained by Arterial Spin Labeling. <i>Clinical Neuroradiology</i> , 2020, 30, 599-605. | 1.9 | 5 |
| 32 | High-resolution metabolic imaging of high-grade gliomas using 7T-CRT-FID-MRSI. <i>NeuroImage: Clinical</i> , 2020, 28, 102433. | 2.7 | 37 |
| 33 | Postoperative Magnetic Resonance Imaging After Surgery of Brain Metastases: Analysis of Extent of Resection and Potential Risk Factors for Incomplete Resection. <i>World Neurosurgery</i> , 2020, 143, e365-e373. | 1.3 | 7 |
| 34 | Distributed changes of the functional connectome in patients with glioblastoma. <i>Scientific Reports</i> , 2020, 10, 18312. | 3.3 | 19 |
| 35 | Coronary artery bypass grafting and perioperative stroke: imaging of atherosclerotic plaques in the ascending aorta with ungated high-pitch CT-angiography. <i>Scientific Reports</i> , 2020, 10, 13909. | 3.3 | 10 |
| 36 | Sarcopenia in Neurological Patients: Standard Values for Temporal Muscle Thickness and Muscle Strength Evaluation. <i>Journal of Clinical Medicine</i> , 2020, 9, 1272. | 2.4 | 56 |

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|----|---|-----|-----------|
| 37 | Clinical characteristics and prognostic factors of adult patients with pilocytic astrocytoma. Journal of Neuro-Oncology, 2020, 148, 187-198. | 2.9 | 25 |
| 38 | Perioperative imaging in patients treated with resection of brain metastases: a survey by the European Association of Neuro-Oncology (EANO) Youngsters committee. BMC Cancer, 2020, 20, 410. | 2.6 | 14 |
| 39 | Sex-Specific Differences in Primary CNS Lymphoma. Cancers, 2020, 12, 1593. | 3.7 | 3 |
| 40 | Multi-Habitat Radiomics Unravels Distinct Phenotypic Subtypes of Glioblastoma with Clinical and Genomic Significance. Cancers, 2020, 12, 1707. | 3.7 | 18 |
| 41 | Bevacizumab-based treatment as salvage therapy in patients with recurrent symptomatic brain metastases. Neuro-Oncology Advances, 2020, 2, vdaa038. | 0.7 | 14 |
| 42 | Influence of Corticosteroids and Antiepileptic Drugs on Visible 5-Aminolevulinic Acid Fluorescence in a Series of Initially Suspected Low-Grade Gliomas Including World Health Organization Grade II, III, and IV Gliomas. World Neurosurgery, 2020, 137, e437-e446. | 1.3 | 5 |
| 43 | NIMG-20. MULTI-HABITAT RADIOMICS UNRAVELS DISTINCT PHENOTYPIC SUBTYPES OF GLIOBLASTOMA WITH CLINICAL AND GENOMIC SIGNIFICANCE. Neuro-Oncology, 2020, 22, ii151-ii151. | 1.2 | 0 |
| 44 | Response assessment of meningioma: 1D, 2D, and volumetric criteria for treatment response and tumor progression. Neuro-Oncology, 2019, 21, 234-241. | 1.2 | 16 |
| 45 | Temporal muscle thickness is an independent prognostic marker in patients with progressive glioblastoma: translational imaging analysis of the EORTC 26101 trial. Neuro-Oncology, 2019, 21, 1587-1594. | 1.2 | 56 |
| 46 | Intrameningioma Metastasis: A Wolf in Sheep's Clothing? Experience from a Series of 7 Cases. World Neurosurgery, 2019, 132, 169-172. | 1.3 | 7 |
| 47 | The RANO Leptomeningeal Metastasis Group proposal to assess response to treatment: lack of feasibility and clinical utility and a revised proposal. Neuro-Oncology, 2019, 21, 648-658. | 1.2 | 90 |
| 48 | Ex-vivo analysis of quantitative 5-ALA fluorescence intensity in diffusely infiltrating gliomas using a handheld spectroscopic probe: Correlation with histopathology, proliferation and microvascular density. Photodiagnosis and Photodynamic Therapy, 2019, 27, 354-361. | 2.6 | 13 |
| 49 | High-resolution metabolic mapping of gliomas via patch-based super-resolution magnetic resonance spectroscopic imaging at 7T. NeuroImage, 2019, 191, 587-595. | 4.2 | 33 |
| 50 | RARE-49. SEX-SPECIFIC SURVIVAL ANALYSIS IDENTIFIES DIFFERENTIAL CLUSTERS OF PROGNOSTIC RELEVANCE IN PATIENTS WITH PRIMARY CNS LYMPHOMA. Neuro-Oncology, 2019, 21, vi232-vi232. | 1.2 | 0 |
| 51 | Evaluating cellularity and structural connectivity on whole brain slides using a custom-made digital pathology pipeline. Journal of Neuroscience Methods, 2019, 311, 215-221. | 2.5 | 12 |
| 52 | Validation and revision of the RANO Leptomeningeal Metastasis Group scorecard for response assessment.. Journal of Clinical Oncology, 2019, 37, e13546-e13546. | 1.6 | 0 |
| 53 | Bone Marrow Involvement in Malignant Lymphoma. Academic Radiology, 2018, 25, 453-460. | 2.5 | 13 |
| 54 | MRI-based quantification of residual fibroglandular tissue of the breast after conservative mastectomies. European Journal of Radiology, 2018, 104, 1-7. | 2.6 | 25 |

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|----|---|------|-----------|
| 55 | Visual and semiquantitative 11C-methionine PET: an independent prognostic factor for survival of newly diagnosed and treatment-naïve gliomas. <i>Neuro-Oncology</i> , 2018, 20, 411-419. | 1.2 | 22 |
| 56 | Clinical neuropathology of brain tumors. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 145, 477-534. | 1.8 | 6 |
| 57 | CMET-26. PERIOPERATIVE IMAGING OF BRAIN METASTASES: A EUROPEAN ASSOCIATION OF NEURO-ONCOLOGY (EANO) YOUNGSTERS SURVEY. <i>Neuro-Oncology</i> , 2018, 20, vi59-vi59. | 1.2 | 0 |
| 58 | High correlation of temporal muscle thickness with lumbar skeletal muscle cross-sectional area in patients with brain metastases. <i>PLoS ONE</i> , 2018, 13, e0207849. | 2.5 | 63 |
| 59 | CT colonography: size reduction of submerged colorectal polyps due to electronic cleansing and CT-window settings. <i>European Radiology</i> , 2018, 28, 4766-4774. | 4.5 | 4 |
| 60 | Temporal muscle thickness is an independent prognostic marker in melanoma patients with newly diagnosed brain metastases. <i>Journal of Neuro-Oncology</i> , 2018, 140, 173-178. | 2.9 | 62 |
| 61 | The DNA methylation landscape of glioblastoma disease progression shows extensive heterogeneity in time and space. <i>Nature Medicine</i> , 2018, 24, 1611-1624. | 30.7 | 229 |
| 62 | 5-ALA-induced fluorescence as a marker for diagnostic tissue in stereotactic biopsies of intracranial lymphomas: experience in 41 patients. <i>Neurosurgical Focus</i> , 2018, 44, E7. | 2.3 | 46 |
| 63 | A simple classification system (the Tree flowchart) for breast MRI can reduce the number of unnecessary biopsies in MRI-only lesions. <i>European Radiology</i> , 2017, 27, 3799-3809. | 4.5 | 59 |
| 64 | PET/MRI for Oncologic Brain Imaging: A Comparison of Standard MR-Based Attenuation Corrections with a Model-Based Approach for the Siemens mMR PET/MR System. <i>Journal of Nuclear Medicine</i> , 2017, 58, 1519-1525. | 5.0 | 27 |
| 65 | Survival prediction using temporal muscle thickness measurements on cranial magnetic resonance images in patients with newly diagnosed brain metastases. <i>European Radiology</i> , 2017, 27, 3167-3173. | 4.5 | 80 |
| 66 | Effects of Portal Hypertension on Gadoteric Acid-Enhanced Liver Magnetic Resonance. <i>Investigative Radiology</i> , 2017, 52, 462-469. | 6.2 | 14 |
| 67 | Neuronal correlates of cognitive function in patients with childhood cerebellar tumor lesions. <i>PLoS ONE</i> , 2017, 12, e0180200. | 2.5 | 10 |
| 68 | Type 2 Endoleaks: The Diagnostic Performance of Non-Specialized Readers on Arterial and Venous Phase Multi-Slice CT Angiography. <i>PLoS ONE</i> , 2016, 11, e0149725. | 2.5 | 3 |
| 69 | Evaluation of [18F]-FDG-Based Hybrid Imaging Combinations for Assessment of Bone Marrow Involvement in Lymphoma at Initial Staging. <i>PLoS ONE</i> , 2016, 11, e0164118. | 2.5 | 10 |
| 70 | Kinetics of tumor size and peritumoral brain edema before, during, and after systemic therapy in recurrent WHO grade II or III meningioma. <i>Neuro-Oncology</i> , 2016, 18, 401-407. | 1.2 | 53 |
| 71 | Fetal diffusion tensor quantification of brainstem pathology in Chiari II malformation. <i>European Radiology</i> , 2016, 26, 1274-1283. | 4.5 | 21 |
| 72 | Nephrogenic Systemic Fibrosis Risk After Liver Magnetic Resonance Imaging With Gadoteric Disodium in Patients With Moderate to Severe Renal Impairment. <i>Investigative Radiology</i> , 2015, 50, 416-422. | 6.2 | 44 |

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|----|--|-----|-----------|
| 73 | Introduction of a standardized multimodality image protocol for navigation-guided surgery of suspected low-grade gliomas. <i>Neurosurgical Focus</i> , 2015, 38, E4. | 2.3 | 39 |
| 74 | Prognostic Value of Blood Flow Measurements Using Arterial Spin Labeling in Gliomas. <i>PLoS ONE</i> , 2014, 9, e99616. | 2.5 | 31 |
| 75 | MR-Based Morphometry of the Posterior Fossa in Fetuses with Neural Tube Defects of the Spine. <i>PLoS ONE</i> , 2014, 9, e112585. | 2.5 | 22 |
| 76 | Rapid Detection of Bone Metastasis at Thoracoabdominal CT: Accuracy and Efficiency of a New Visualization Algorithm. <i>Radiology</i> , 2014, 270, 825-833. | 7.3 | 12 |
| 77 | A Novel Protocol of Continuous Navigation Guidance for Endoscopic Third Ventriculostomy. <i>Operative Neurosurgery</i> , 2014, 10, 514-524. | 0.8 | 10 |
| 78 | Non-invasive assessment of intratumoral vascularity using arterial spin labeling: A comparison to susceptibility-weighted imaging for the differentiation of primary cerebral lymphoma and glioblastoma. <i>European Journal of Radiology</i> , 2014, 83, 806-810. | 2.6 | 30 |
| 79 | Arterial Spin-Labeling Assessment of Normalized Vascular Intratumoral Signal Intensity as a Predictor of Histologic Grade of Astrocytic Neoplasms. <i>American Journal of Neuroradiology</i> , 2014, 35, 482-489. | 2.4 | 23 |
| 80 | Alleviation of Brain Edema and Restoration of Functional Independence by Bevacizumab in Brain-Metastatic Breast Cancer: A Case Report. <i>Breast Care</i> , 2014, 9, 134-134. | 1.4 | 25 |
| 81 | High plasma-GFAP levels in metastatic myxopapillary ependymoma. <i>Journal of Neuro-Oncology</i> , 2013, 113, 359-363. | 2.9 | 8 |
| 82 | Invasion patterns in brain metastases of solid cancers. <i>Neuro-Oncology</i> , 2013, 15, 1664-1672. | 1.2 | 191 |
| 83 | Intracranial Hematomas at a Glance: Advanced Visualization for Fast and Easy Detection. <i>Radiology</i> , 2013, 267, 522-530. | 7.3 | 9 |
| 84 | Attention shifts the language network reflecting paradigm presentation. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 809. | 2.0 | 6 |
| 85 | Fetal Eye Movements on Magnetic Resonance Imaging. <i>PLoS ONE</i> , 2013, 8, e77439. | 2.5 | 3 |
| 86 | Innervated ectopic salivary gland associated with Rathke's cleft cyst clinically mimicking pituitary adenoma. , 2013, 32, 171-175. | | 9 |
| 87 | Novel crystalloid oligodendrogliopathy in hereditary spastic paraplegia. <i>Acta Neuropathologica</i> , 2012, 124, 583-591. | 7.7 | 8 |
| 88 | Plasma MicroRNA-21 Concentration May Be a Useful Biomarker in Glioblastoma Patients. <i>Cancer Investigation</i> , 2012, 30, 615-621. | 1.3 | 60 |
| 89 | Strong 5-aminolevulinic acid-induced fluorescence is a novel intraoperative marker for representative tissue samples in stereotactic brain tumor biopsies. <i>Neurosurgical Review</i> , 2012, 35, 381-391. | 2.4 | 86 |
| 90 | Myxopapillary Ependymoma With Pleuropulmonary Metastases and High Plasma Glial Fibrillary Acidic Protein Levels. <i>Journal of Clinical Oncology</i> , 2011, 29, e756-e757. | 1.6 | 14 |

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|----|--|-----|-----------|
| 91 | Pharmacokinetics and Safety of Gadobutrol-Enhanced Magnetic Resonance Imaging in Pediatric Patients. <i>Investigative Radiology</i> , 2009, 44, 776-783. | 6.2 | 42 |