

Maximilian I Ruge

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,436
citations

304368

22
h-index

329751

37
g-index

53
all docs

53
docs citations

53
times ranked

1895
citing authors

#	ARTICLE	IF	CITATIONS
1	Diagnosis of pseudoprogression in patients with glioblastoma using O-(2-[18F]fluoroethyl)-l-tyrosine PET. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015, 42, 685-695.	3.3	216
2	Combined FET PET/MRI radiomics differentiates radiation injury from recurrent brain metastasis. <i>NeuroImage: Clinical</i> , 2018, 20, 537-542.	1.4	113
3	Update on the diagnostic value and safety of stereotactic biopsy for pediatric brainstem tumors: a systematic review and meta-analysis of 735 cases. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 20, 261-268.	0.8	90
4	Intraoperative mapping of language functions: a longitudinal neurolinguistic analysis. <i>Journal of Neurosurgery</i> , 2008, 109, 583-592.	0.9	86
5	Diagnostic Value and Safety of Stereotactic Biopsy for Brainstem Tumors. <i>Neurosurgery</i> , 2013, 72, 873-882.	0.6	83
6	Applications of radiomics and machine learning for radiotherapy of malignant brain tumors. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 856-867.	1.0	76
7	Deep convolutional neural networks for automated segmentation of brain metastases trained on clinical data. <i>Radiation Oncology</i> , 2020, 15, 87.	1.2	68
8	Stereotactic Brachytherapy With Iodine-125 Seeds for the Treatment of Inoperable Low-Grade Gliomas in Children: Long-Term Outcome. <i>Journal of Clinical Oncology</i> , 2011, 29, 4151-4159.	0.8	66
9	Comparison of Stereotactic Brachytherapy (125Iodine Seeds) with Stereotactic Radiosurgery (LINAC) for the Treatment of Singular Cerebral Metastases. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 7-14.	1.0	50
10	Differentiation of local tumor recurrence from radiation-induced changes after stereotactic radiosurgery for treatment of brain metastasis: case report and review of the literature. <i>Radiation Oncology</i> , 2013, 8, 52.	1.2	45
11	Stereotactic 125Iodine Brachytherapy for the Treatment of Singular Brain Metastases: Closing a Gap?. <i>Neurosurgery</i> , 2011, 68, 1209-1219.	0.6	39
12	Low-dose rate stereotactic iodine-125 brachytherapy for the treatment of inoperable primary and recurrent glioblastoma: single-center experience with 201 cases. <i>Journal of Neuro-Oncology</i> , 2014, 120, 615-623.	1.4	34
13	Stereotactic brachytherapy of low-grade cerebral glioma after tumor resection. <i>Neuro-Oncology</i> , 2011, 13, 1133-1142.	0.6	33
14	Robotic Stereotactic Radiosurgery in Melanoma Patients with Brain Metastases under Simultaneous Anti-PD-1 Treatment. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2653.	1.8	32
15	Health-related quality of life and cognitive functioning in adult patients with supratentorial WHO grade III glioma: status prior to therapy. <i>Journal of Neuro-Oncology</i> , 2011, 103, 129-136.	1.4	31
16	Stereotactic iodine-125 brachytherapy for treatment of inoperable focal brainstem gliomas of WHO grades I and II: feasibility and long-term outcome. <i>Journal of Neuro-Oncology</i> , 2012, 109, 273-283.	1.4	29
17	Stereotactic biopsy combined with stereotactic 125Iodine brachytherapy for diagnosis and treatment of locally recurrent single brain metastases. <i>Journal of Neuro-Oncology</i> , 2011, 105, 109-118.	1.4	28
18	Long-term follow-up after stereotactic radiosurgery of intracranial acoustic neuroma. <i>Radiation Oncology</i> , 2017, 12, 68.	1.2	27

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19	Intracranial stereotactic radiosurgery with an adapted linear accelerator vs. robotic radiosurgery. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 470-476.	1.0	26
20	Acoustic Neuroma Treated with Stereotactic Radiosurgery: Follow-up of 335 Patients. <i>World Neurosurgery</i> , 2018, 116, e194-e202.	0.7	26
21	Frame-based stereotactic biopsy of deep-seated and midline structures in 511 procedures: feasibility, risk profile, and diagnostic yield. <i>Acta Neurochirurgica</i> , 2019, 161, 2065-2071.	0.9	26
22	Treatment Monitoring of Immunotherapy and Targeted Therapy Using ¹⁸ F-FET PET in Patients with Melanoma and Lung Cancer Brain Metastases: Initial Experiences. <i>Journal of Nuclear Medicine</i> , 2021, 62, 464-470.	2.8	25
23	Stereotactic iodine-125 brachytherapy for the treatment of WHO grades II and III gliomas located in the central sulcus region. <i>Neuro-Oncology</i> , 2013, 15, 1721-1731.	0.6	24
24	The Treatment of Gliomas in Adulthood. <i>Deutsches A&#x0308;rzteblatt International</i> , 2018, 115, 356-364.	0.6	20
25	Primary Central Nervous System Lymphoma: Clinical Evaluation of Automated Segmentation on Multiparametric MRI Using Deep Learning. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 53, 259-268.	1.9	19
26	Stereotactic biopsy in elderly patients: risk assessment and impact on treatment decision. <i>Journal of Neuro-Oncology</i> , 2017, 134, 303-307.	1.4	17
27	Feasibility, Risk Profile and Diagnostic Yield of Stereotactic Biopsy in Children and Young Adults with Brain Lesions. <i>Klinische Padiatrie</i> , 2017, 229, 133-141.	0.2	14
28	Stereotactic Radiosurgery of Cavernous Sinus Meningiomas. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2020, 81, 158-164.	0.4	12
29	Oncologic Outcome and Immune Responses of Radiotherapy with Anti-PD-1 Treatment for Brain Metastases Regarding Timing and Benefiting Subgroups. <i>Cancers</i> , 2022, 14, 1240.	1.7	12
30	Monitoring Treatment Response to Erlotinib in EGFR-mutated Non-â€œsmall-cell Lung Cancer Brain Metastases Using Serial O-(2-[¹⁸ F]fluoroethyl)-L-tyrosine PET. <i>Clinical Lung Cancer</i> , 2019, 20, e148-e151.	1.1	11
31	Stereotactic radiosurgery for treating meningiomas eligible for complete resection. <i>Radiation Oncology</i> , 2021, 16, 22.	1.2	11
32	Radiomics outperforms semantic features for prediction of response to stereotactic radiosurgery in brain metastases. <i>Radiotherapy and Oncology</i> , 2022, 166, 37-43.	0.3	10
33	Timing of Development of Symptomatic Brain Metastases from Non-Small Cell Lung Cancer: Impact on Symptoms, Treatment, and Survival in the Era of Molecular Treatments. <i>Cancers</i> , 2020, 12, 3618.	1.7	8
34	Stereotactic radiosurgery of benign brain tumors in elderly patients: evaluation of outcome and toxicity. <i>Radiation Oncology</i> , 2020, 15, 274.	1.2	6
35	Stereotactic iodine-125 brachytherapy for brain tumors: temporary versus permanent implantation. <i>Radiation Oncology</i> , 2012, 7, 94.	1.2	4
36	Frame-based stereotactic implantation of cystoventricular shunts for treating acquired intracerebral cysts. <i>Journal of Neurosurgery</i> , 2022, 137, 227-234.	0.9	4

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37	Accuracy of Robotic and Frame-Based Stereotactic Neurosurgery in a Phantom Model. <i>Frontiers in Neurorobotics</i> , 2022, 16, 762317.	1.6	4
38	Cyberknife® hypofractionated stereotactic radiosurgery (CK-hSRS) as salvage treatment for brain metastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 2765-2773.	1.2	3
39	The Role of Stereotactic Radiosurgery in the Management of Foramen Magnum Meningiomas – A Multicenter Analysis and Review of the Literature. <i>Cancers</i> , 2022, 14, 341.	1.7	3
40	Letter to the Editor: Low dose rate brachytherapy for the treatment of brain metastases. <i>Journal of Neurosurgery</i> , 2015, 123, 1110-1112.	0.9	2
41	Impact of prescription isodose level and collimator selection on dose homogeneity and plan quality in robotic radiosurgery. <i>Strahlentherapie Und Onkologie</i> , 2021, , 1.	1.0	2
42	SRG-24APPLICATION OF NANOTHERMÂ®BY STEREOTACTIC GUIDANCE: A TECHNICAL NOTE. <i>Neuro-Oncology</i> , 2015, 17, v219.4-v219.	0.6	1
43	Does therapeutic anticoagulation increase the risk of clinical relevant intracerebral haemorrhage in patients with solid malignancies and brain metastases?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 571-571.	0.9	0
44	MLTI-03. The relevance of the count of brain metastases for treatment and outcome in NSCLC. <i>Neuro-Oncology Advances</i> , 2021, 3, iii13-iii13.	0.4	0
45	Brain Metastases: Treatment with Stereotactic Iodine-125 Brachytherapy. <i>Tumors of the Central Nervous System</i> , 2014, , 173-186.	0.1	0
46	Stereotaktische Brachytherapie f¼r Gliome. , 2018, , 63-75.		0
47	NIMG-06. CHARACTERIZATION OF LONG-TERM METABOLIC CHANGES OF IRRADIATED BRAIN METASTASES USING SERIAL DYNAMIC FET PET IMAGING. <i>Neuro-Oncology</i> , 2021, 23, vi128-vi128.	0.6	0
48	NIMG-20. DIFFERENTIATION OF TREATMENT-RELATED CHANGES FROM TUMOR PROGRESSION FOLLOWING BRACHYTHERAPY IN PATIENTS WITH WHO II AND III GLIOMAS USING FET PET. <i>Neuro-Oncology</i> , 2021, 23, vi132-vi132.	0.6	0
49	NIMG-04. PREDICTING THE BRAF MUTATIONAL STATUS IN PATIENTS WITH MELANOMA BRAIN METASTASES USING RADIOMICS - A BICENTRIC STUDY. <i>Neuro-Oncology</i> , 2021, 23, vi127-vi128.	0.6	0
50	ETMR-04. Embryonal tumor with multi-layered rosettes (ETMR) located in the brainstem: a case report on clinical decision-making and a multimodal, interdisciplinary treatment approach including interstitial brachytherapy. <i>Neuro-Oncology</i> , 2022, 24, i49-i50.	0.6	0