

Johann-Martin Hempel

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

685
citations

687363

13
h-index

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56
all docs

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56
times ranked

1257
citing authors

#	ARTICLE	IF	CITATIONS
1	The RANO Leptomeningeal Metastasis Group proposal to assess response to treatment: lack of feasibility and clinical utility and a revised proposal. <i>Neuro-Oncology</i> , 2019, 21, 648-658.	1.2	90
2	Complicated Carotid Artery Plaques as a Cause of Cryptogenic Stroke. <i>Journal of the American College of Cardiology</i> , 2020, 76, 2212-2222.	2.8	64
3	In vivo molecular profiling of human glioma using diffusion kurtosis imaging. <i>Journal of Neuro-Oncology</i> , 2017, 131, 93-101.	2.9	56
4	Glioma Grading and Determination of IDH Mutation Status and ATRX loss by DCE and ASL Perfusion. <i>Clinical Neuroradiology</i> , 2018, 28, 421-428.	1.9	52
5	Structured Reporting in Clinical Routine. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 33-39.	1.3	38
6	In vivo assessment of tumor heterogeneity in WHO 2016 glioma grades using diffusion kurtosis imaging: Diagnostic performance and improvement of feasibility in routine clinical practice. <i>Journal of Neuroradiology</i> , 2018, 45, 32-40.	1.1	33
7	Detection of alcohol consumption in patients with alcoholic liver cirrhosis during the evaluation process for liver transplantation. <i>Liver Transplantation</i> , 2012, 18, 1310-1315.	2.4	26
8	Histogram analysis of diffusion kurtosis imaging estimates for in vivo assessment of 2016 WHO glioma grades: A cross-sectional observational study. <i>European Journal of Radiology</i> , 2017, 95, 202-211.	2.6	26
9	Follow-up CT and CT angiography after intracranial aneurysm clipping and coilingâ€”improved image quality by iterative metal artifact reduction. <i>Neuroradiology</i> , 2017, 59, 649-654.	2.2	25
10	In Vivo Molecular Profiling of Human Glioma. <i>Clinical Neuroradiology</i> , 2019, 29, 479-491.	1.9	21
11	Impact of combined FDG-PET/CT and MRI on the detection of local recurrence and nodal metastases in thyroid cancer. <i>Cancer Imaging</i> , 2016, 16, 37.	2.8	20
12	Brain Invasion in Meningiomaâ€”A Prognostic Potential Worth Exploring. <i>Cancers</i> , 2021, 13, 3259.	3.7	18
13	Diffusion kurtosis imaging histogram parameter metrics predicting survival in integrated molecular subtypes of diffuse glioma: An observational cohort study. <i>European Journal of Radiology</i> , 2019, 112, 144-152.	2.6	17
14	Impact of helmet use in equestrian-related traumatic brain injury: a matched-pairs analysis. <i>British Journal of Neurosurgery</i> , 2018, 32, 37-43.	0.8	15
15	Comparison of Risk Factors, Safety, and Efficacy Outcomes of Mechanical Thrombectomy in Posterior vs. Anterior Circulation Large Vessel Occlusion. <i>Frontiers in Neurology</i> , 2021, 12, 687134.	2.4	15
16	Contrast enhancement predicting survival in integrated molecular subtypes of diffuse glioma: an observational cohort study. <i>Journal of Neuro-Oncology</i> , 2018, 139, 373-381.	2.9	14
17	Glioma grading by dynamic susceptibility contrast perfusion and 11C-methionine positron emission tomography using different regions of interest. <i>Neuroradiology</i> , 2018, 60, 381-389.	2.2	12
18	Machine learning identifies stroke features between species. <i>Theranostics</i> , 2021, 11, 3017-3034.	10.0	12

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19	The role of fissula ante fenestram in unilateral sudden hearing loss. <i>Laryngoscope</i> , 2016, 126, 2823-2826.	2.0	10
20	Characterization of a novel murine model for spontaneous hemorrhagic stroke using in vivo PET and MR multiparametric imaging. <i>NeuroImage</i> , 2017, 155, 245-256.	4.2	10
21	Effect of Perfusion on Diffusion Kurtosis Imaging Estimates for In Vivo Assessment of Integrated 2016 WHO Glioma Grades. <i>Clinical Neuroradiology</i> , 2018, 28, 481-491.	1.9	10
22	Quantification of specific growth patterns and frequency of the empty sella phenomenon in growth hormone-secreting pituitary adenomas. <i>European Journal of Radiology</i> , 2018, 104, 79-86.	2.6	9
23	The immunohistochemical expression of SSTR2A is an independent prognostic factor in meningioma. <i>Neurosurgical Review</i> , 2022, 45, 2671-2679.	2.4	9
24	In vivo Assessment of an Endolymphatic Hydrops Gradient Along the Cochlea in Patients With Meniere's Disease by Magnetic Resonance Imaging – A Pilot Study. <i>Otology and Neurotology</i> , 2018, 39, e1091-e1099.	1.3	8
25	Surgical Management of Primary Cerebellopontine Angle Melanocytoma: Outcome, Recurrence and Additional Therapeutic Options. <i>World Neurosurgery</i> , 2019, 128, e835-e840.	1.3	8
26	Meningeal enhancement depicted by magnetic resonance imaging in tumor patients: neoplastic meningitis or therapy-related enhancement?. <i>Neuroradiology</i> , 2019, 61, 775-782.	2.2	7
27	ADC-Based Stratification of Molecular Glioma Subtypes Using High b-Value Diffusion-Weighted Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 3451.	2.4	7
28	Noise reduction and image quality in ultra-high resolution computed tomography of the temporal bone using advanced modeled iterative reconstruction. <i>Acta Radiologica</i> , 2019, 60, 1135-1143.	1.1	6
29	Glioma-Specific Diffusion Signature in Diffusion Kurtosis Imaging. <i>Journal of Clinical Medicine</i> , 2021, 10, 2325.	2.4	6
30	Increased proliferation is associated with CNS invasion in meningiomas. <i>Journal of Neuro-Oncology</i> , 2021, 155, 247-254.	2.9	6
31	Value of computed tomography texture analysis for prediction of perioperative complications during laparoscopic partial nephrectomy in patients with renal cell carcinoma. <i>PLoS ONE</i> , 2018, 13, e0195270.	2.5	5
32	The Relevance of Preoperative Identification of the Adamkiewicz Artery in Posterior Mediastinal Pediatric Tumors. <i>Annals of Surgical Oncology</i> , 2022, 29, 493-499.	1.5	5
33	Association of dynamic susceptibility magnetic resonance imaging at initial tumor diagnosis with the prognosis of different molecular glioma subtypes. <i>Neurological Sciences</i> , 2020, 41, 3625-3632.	1.9	4
34	Calvarial lesions: overview of imaging features and neurosurgical management. <i>Neurosurgical Review</i> , 2021, 44, 3459-3469.	2.4	4
35	Morphologic measurements of 3D Eustachian tube model and their diagnostic value regarding Eustachian tube dysfunction – A cross-sectional observational study. <i>European Journal of Radiology</i> , 2021, 136, 109563.	2.6	3
36	Diagnostic value of computed tomography in Eustachian tube dysfunction. <i>Auris Nasus Larynx</i> , 2022, 49, 352-359.	1.2	3

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37	Surgical management of primary and secondary pilocytic astrocytoma of the cerebellopontine angle (in adults and children) and review of the literature. <i>Neurosurgical Review</i> , 2021, 44, 1083-1091.	2.4	2
38	Dynamic Susceptibility Perfusion Imaging for Differentiating Progressive Disease from Pseudoprogession in Diffuse Glioma Molecular Subtypes. <i>Journal of Clinical Medicine</i> , 2021, 10, 598.	2.4	2
39	Rapid Diagnosis of Central Nervous System Scedosporiosis by Specific Quantitative Polymerase Chain Reaction Applied to Formalin-Fixed, Paraffin-Embedded Tissue. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 19.	3.5	2
40	Structured Reporting of Acute Ischemic Stroke – Consensus-Based Reporting Templates for Non-Contrast Cranial Computed Tomography, CT Angiography, and CT Perfusion. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2021, 193, 1315-1317.	1.3	1
41	Ösophagus – Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 847-855.		0
42	Kopfspeicheldrüsen – Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 677-687.		0
43	ASO Visual Abstract: Relevance of Preoperative Identification of Adamkiewicz Artery in Posterior Mediastinal Pediatric Tumors. <i>Annals of Surgical Oncology</i> , 2021, 28, 553-554.	1.5	0
44	Nase, Nasennebenhöhlen (NNH), Gesicht und vordere Schädelbasis – Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 443-472.		0
45	Larynx – Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 723-737.		0
46	Validation and revision of the RANO Leptomeningeal Metastasis Group scorecard for response assessment.. <i>Journal of Clinical Oncology</i> , 2019, 37, e13546-e13546.	1.6	0