Johann-Martin Hempel

List of Publications by Year
in descending order

46 papers	685 citations	687363 13 h-index	610901 24 g-index
56 all docs	56 docs citations	56 times ranked	1257 citing authors

#	Article	IF	Citations
1	The Relevance of Preoperative Identification of the Adamkiewicz Artery in Posterior Mediastinal Pediatric Tumors. Annals of Surgical Oncology, 2022, 29, 493-499.	1.5	5
2	Diagnostic value of computed tomography in Eustachian tube dysfunction. Auris Nasus Larynx, 2022, 49, 352-359.	1.2	3
3	The immunohistochemical expression of SSTR2A is an independent prognostic factor in meningioma. Neurosurgical Review, 2022, 45, 2671-2679.	2.4	9
4	Rapid Diagnosis of Central Nervous System Scedosporiosis by Specific Quantitative Polymerase Chain Reaction Applied to Formalin-Fixed, Paraffin-Embedded Tissue. Journal of Fungi (Basel, Switzerland), 2022, 8, 19.	3.5	2
5	Surgical management of primary and secondary pilocytic astrocytoma of the cerebellopontine angle (in adults and children) and review of the literature. Neurosurgical Review, 2021, 44, 1083-1091.	2.4	2
6	Ã—sophagus â€" Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 847-855.		0
7	KopfspeicheldrÃ¼sen â€" Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 677-687.		0
8	Dynamic Susceptibility Perfusion Imaging for Differentiating Progressive Disease from Pseudoprogression in Diffuse Glioma Molecular Subtypes. Journal of Clinical Medicine, 2021, 10, 598.	2.4	2
9	Calvarial lesions: overview of imaging features and neurosurgical management. Neurosurgical Review, 2021, 44, 3459-3469.	2.4	4
10	Morphologic measurements of 3D Eustachian tube model and their diagnostic value regarding Eustachian tube dysfunction â€" A cross-sectional observational study. European Journal of Radiology, 2021, 136, 109563.	2.6	3
11	Glioma-Specific Diffusion Signature in Diffusion Kurtosis Imaging. Journal of Clinical Medicine, 2021, 10, 2325.	2.4	6
12	Comparison of Risk Factors, Safety, and Efficacy Outcomes of Mechanical Thrombectomy in Posterior vs. Anterior Circulation Large Vessel Occlusion. Frontiers in Neurology, 2021, 12, 687134.	2.4	15
13	Brain Invasion in Meningiomaâ€"A Prognostic Potential Worth Exploring. Cancers, 2021, 13, 3259.	3.7	18
14	Structured Reporting of Acute Ischemic Stroke â€" Consensus-Based Reporting Templates for Non-Contrast Cranial Computed Tomography, CT Angiography, and CT Perfusion. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2021, 193, 1315-1317.	1.3	1
15	ASO Visual Abstract: Relevance of Preoperative Identification of Adamkiewicz Artery in Posterior Mediastinal Pediatric Tumors. Annals of Surgical Oncology, 2021, 28, 553-554.	1.5	0
16	ADC-Based Stratification of Molecular Glioma Subtypes Using High b-Value Diffusion-Weighted Imaging. Journal of Clinical Medicine, 2021, 10, 3451.	2.4	7
17	Nase, NasennebenhÃ¶hlen (NNH), Gesicht und vordere SchÃ¤delbasis â€" Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 443-472.		0
18	Larynx â€" Anatomie, physiologische Grundlagen und Diagnostik. , 2021, , 723-737.		0

#	Article	IF	Citations
19	Machine learning identifies stroke features between species. Theranostics, 2021, 11, 3017-3034.	10.0	12
20	Increased proliferation is associated with CNS invasion in meningiomas. Journal of Neuro-Oncology, 2021, 155, 247-254.	2.9	6
21	Complicated Carotid Artery Plaques as a Cause of Cryptogenic Stroke. Journal of the American College of Cardiology, 2020, 76, 2212-2222.	2.8	64
22	Association of dynamic susceptibility magnetic resonance imaging at initial tumor diagnosis with the prognosis of different molecular glioma subtypes. Neurological Sciences, 2020, 41, 3625-3632.	1.9	4
23	Structured Reporting in Clinical Routine. RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren, 2019, 191, 33-39.	1.3	38
24	Diffusion kurtosis imaging histogram parameter metrics predicting survival in integrated molecular subtypes of diffuse glioma: An observational cohort study. European Journal of Radiology, 2019, 112, 144-152.	2.6	17
25	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
26	Surgical Management of Primary Cerebellopontine Angle Melanocytoma: Outcome, Recurrence and Additional Therapeutic Options. World Neurosurgery, 2019, 128, e835-e840.	1.3	8
27	Meningeal enhancement depicted by magnetic resonance imaging in tumor patients: neoplastic meningitis or therapy-related enhancement?. Neuroradiology, 2019, 61, 775-782.	2.2	7
28	Noise reduction and image quality in ultra-high resolution computed tomography of the temporal bone using advanced modeled iterative reconstruction. Acta Radiologica, 2019, 60, 1135-1143.	1.1	6
29	In Vivo Molecular Profiling of Human Glioma. Clinical Neuroradiology, 2019, 29, 479-491.	1.9	21
30	Validation and revision of the RANO Leptomeningeal Metastasis Group scorecard for response assessment.. Journal of Clinical Oncology, 2019, 37, e13546-e13546.	1.6	0
31	Glioma grading by dynamic susceptibility contrast perfusion and 11C-methionine positron emission tomography using different regions of interest. Neuroradiology, 2018, 60, 381-389.	2.2	12
32	Contrast enhancement predicting survival in integrated molecular subtypes of diffuse glioma: an observational cohort study. Journal of Neuro-Oncology, 2018, 139, 373-381.	2.9	14
33	Glioma Grading and Determination of IDH Mutation Status and ATRX loss by DCE and ASL Perfusion. Clinical Neuroradiology, 2018, 28, 421-428.	1.9	52
34	Effect of Perfusion on Diffusion Kurtosis Imaging Estimates for In Vivo Assessment of Integrated 2016 WHO Glioma Grades. Clinical Neuroradiology, 2018, 28, 481-491.	1.9	10
35	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. Journal of Neuroradiology, 2018, 45, 32-40.	1.1	33
36	In vivo Assessment of an Endolymphatic Hydrops Gradient Along the Cochlea in Patients With Menière's Disease by Magnetic Resonance Imaging—A Pilot Study. Otology and Neurotology, 2018, 39, e1091-e1099.	1.3	8

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37	Impact of helmet use in equestrian-related traumatic brain injury: a matched-pairs analysis. British Journal of Neurosurgery, 2018, 32, 37-43.	0.8	15
38	Quantification of specific growth patterns and frequency of the empty sella phenomenon in growth hormone-secreting pituitary adenomas. European Journal of Radiology, 2018, 104, 79-86.	2.6	9
39	Value of computed tomography texture analysis for prediction of perioperative complications during laparoscopic partial nephrectomy in patients with renal cell carcinoma. PLoS ONE, 2018, 13, e0195270.	2.5	5
40	Characterization of a novel murine model for spontaneous hemorrhagic stroke using in vivo PET and MR multiparametric imaging. NeuroImage, 2017, 155, 245-256.	4.2	10
41	Follow-up CT and CT angiography after intracranial aneurysm clipping and coilingâ€"improved image quality by iterative metal artifact reduction. Neuroradiology, 2017, 59, 649-654.	2.2	25
42	Histogram analysis of diffusion kurtosis imaging estimates for in vivo assessment of 2016 WHO glioma grades: A cross-sectional observational study. European Journal of Radiology, 2017, 95, 202-211.	2.6	26
43	In vivo molecular profiling of human glioma using diffusion kurtosis imaging. Journal of Neuro-Oncology, 2017, 131, 93-101.	2.9	56
44	The role of fissula ante fenestram in unilateral sudden hearing loss. Laryngoscope, 2016, 126, 2823-2826.	2.0	10
45	Impact of combined FDG-PET/CT and MRI on the detection of local recurrence and nodal metastases in thyroid cancer. Cancer Imaging, 2016, 16, 37.	2.8	20
46	Detection of alcohol consumption in patients with alcoholic liver cirrhosis during the evaluation process for liver transplantation. Liver Transplantation, 2012, 18, 1310-1315.	2.4	26