

2025	IF
Urbach H, Lützen N, Kavus M, Zander C, Demerath T, Rau A, Wolf K, Beck J, Duman Kavus IE. Different glymphatic-lymphatic coupling in the nasal mucosa and parasagittal dura. Investigative Radiology in press	
Urbach H. Patching within Spinal Longitudinal Extradural Collections for Ventral Dural Tears. Radiology. 2025 Mar;314(3):e250411. doi: 10.1148/radiol.250411.	15,2
Lützen N, Zander C, Beck J, Volz F, Wolf K, El Rahal A, Urbach H. Advanced Imaging of Type 2 Spinal CSF Leaks with Ultrahigh-Resolution Cone-beam CT myelography. AJNR Am J Neuroradiol. 2025 Jan 29;ajnr.A8675	3,7
Lützen N, Carlton-Jones L, Fung C, Demerath T, Zander C, Wolf K, Volz F, El Rahal A, Beck J, Urbach H. Type 2 Spinal Cerebrospinal-Fluid Leaks: Anatomy, MR Imaging Findings, and Surgical Correlations Refine Current Concepts. Radiology. 2025;314:e241653	15,2
Coenen VA, Rau A, Urbach H, Sajonz BEA, Reisert M. The rubral wing and its connectome. Neuroimage Clin. 2025 Jul 20;48:103849	3,6
Rau S, Strecker C, Russe MF, Niesen WD, Soschynski M, Weiss J, Harloff A, Demerath T, Urbach H, Bamberg F, Rau A. Assessing internal carotid artery stenosis: Diagnostic Value of photon-counting detector CT angiography compared to Doppler ultrasound Eur J Radiol. 2025;191:112338	3,3
Frings L, Hellwig S, Brumberg J, Rau A, Mix M, Blazhenets G, Urbach H, Meyer PT. Divergent effects of age on imaging-based ATN biomarkers and cognition in Alzheimer's disease. Alzheimers Dement (Amst). 2025;17:e70142	3,1
Fung C, Kraus LM, El Rahal A, Haeni L, Volz F, Wolf K, Shah MJ, Urbach H, Lützen N, Beck J. CSF Pressure and Dynamics in Patients With Chronic Postdural Puncture Headache: A Single-Center Cohort Study Neurology. 2025;105:e213998	8,5
Overstijns M, El Rahal A, Wolf K, Lützen N, Würtemberger U, Becker L, Urbach H, Martinez DC, Beck J, Volz F. Management of chronic subdural hematoma in spontaneous intracranial hypotension. Brain and Spine. 2025 Jul 3;5:104320	2,5
Endres D, von Zedtwitz K, Rau A, Feige B, Mast H, Maier A, Reisert M, Nickel K, Brumberg J, Boettler T, Glaser C, Venhoff N, Urbach H, Baldermann JC, Domschke K, Tebartz van Elst L, Hannibal L, Prüss H, Maier SJ. Association of ADHD symptoms, pain, and tics with anti-thalamus antibodies in cerebrospinal fluid. J Neuroimmunol. 2025;406:578654	2,5
Stein T, Lang F, Rau S, Reisert M, Russe MF, Schürmann T, Fink A, Kellner E, Weiss J, Bamberg F, Urbach H, Rau A. Photon-counting detector CT of the brain reduces variability of Hounsfield units and has a mean offset compared with energy-integrating detector CT. AJNR Am J Neuroradiol. 2025 Jul 1;ajnr.A8910. doi: 10.3174/ajnr.A8910	3,7

Schlunk F, Frosch M, Volz F, Prinz M, Urbach H, Erny D, Taschner CA. Freiburg Neuropathology Case Conference: Transition from Chronic Dizziness to Acute Headache and Nausea in a 30-Year-Old. Clin Neuroradiol. 2025 Jul 25. doi: 10.1007/s00062-025-01548-x	2,6
Nolde JM, Rau A, Kellner E, Urbach H, Weiller C, Bamberg F, Weiss J, Reisert M, Hosp JA. Microstructural integrity of autonomic central nervous tracts is linked to cardiovascular health. Neurobiol of Dis. 2025 May 27;212:106972	5,6
Württemberg U, Rau A, Reisert M, Becker L, Elsheikh S, Hauser TK, Grauvogel J, Hohenhaus M, Erny D, Urbach H, Demerath T, Diebold M. Microstructural differentiation of cerebral metastases, glioblastoma, meningioma, and primary CNS lymphoma using advanced diffusion imaging techniques. Neurooncol Adv. 2025 May 2;7(1):vdaf076	4,1
Vasilikos I, Argiti K, Joseph K, Strahnen D, Stathi A, Rahal AE, Volz F, Wolf K, Shah MJ, Beck J, Urbach H, Lützen N. Autologous platelet-rich fibrin as an alternative epidural patch for persistent post-dural puncture headache: A single-center observational study. Interv Neuroradiol 2025 May 21:15910199251339537	2,1
Miarka L, Taschner U, Rölz R, Prinz M, Urbach H, Erny D, Taschner CA. Freiburg Neuropathology Case Conference: Gait Ataxia, Segmental Hypoesthesia, and Combined Incontinence in a 57-Years-Old Patient. Clin Neuroradiol. 2025 May 13. doi: 10.1007/s00062-025-01528-1	2,6
Speth A, Dell'Orco A, Kleine JF, Güttler C, Morotti A, Urbach H, Böhner G, Scheel M, Nawabi J, Schlunk F. Brain Atrophy Is Associated with Hematoma Expansion in Intracerebral Hemorrhage, Depending on Coagulation Status. J Clin Med. 2025 Mar 25;14:2227	2,9
Jost WH, Rau A, Brumberg J, Urbach H, Meyer PT, Schröter N. Neuroimaging in multiple system atrophy: clinical implications and novel developments. J Neural Transm (Vienna). 2025 Apr 11. doi: 10.1007/s00702-025-02921-3	4,0
Schröter N, Matinpalo L, Hosp JA, Reisert M, Philipsen L, Jost WH, Wiendl H, Urbach H, Rijntjes M, Rau A. Amygdala neurodegeneration differentiates brain-first and body-first Parkinson's disease: An MRI study. Parkinsonism Relat Disord. 2025 Apr 9;135:107827	3,4
Metternich B, Gehrler N, Wagner K, Putzar L, Hirsch M, Bender L, Grammenou C, Büchtemann L, Schulze-Bonhage A, Urbach H, Schönenberg M. Amygdalar lesions may impair emotion recognition in patients with temporal lobe epilepsy: Results from a pilot study. Seizure. 2025 Mar 29;129:42-46. doi: 10.1016/j.seizure.2025.03.019	2,8
Wagner K, Demerath T, Metzger S, Niedermoser F, Metternich B, Putzar L, Urbach H, San Antonio-Arce V, Klotz KA, Schulze-Bonhage A. Developmental and	6,6

epileptic encephalopathy in patients with epilepsy due to hypothalamic hamartomas. <i>Epilepsia</i> 2025 Apr 10. doi: 10.1111/epi.18404	
Coenen VA, Polosan M, Schläpfer TE, Chabardes S, Meyer-Doll DM, Czornik M, Sürücü O, Baldermann JC, Endres D, Urbach H, Reinacher PC, Rau A, Döbrössy MD, Sajonz BEA, Reisert M. Deconstructing a common pathway concept for Deep Brain Stimulation in the case of Obsessive-Compulsive Disorder. <i>Mol Psychiatry</i> . 2025 Apr 6. doi: 10.1038/s41380-025-03008-x	10,1
Tebartz van Elst L, Runge K, Meyer PT, Urbach H, Venhoff N, Prüss H. The Neuropsychiatric Checklist for Autoimmune Psychosis: A Narrative Review. <i>Biol Psychiatry</i> . 2025 Feb 21:S0006-3223(25)00988-6	9,0
Rau A, Elsheikh S, Cimflova P, Stein T, Taschner CA, Hosp JA, Reisert M, Urbach H, Kellner E. Contrast bolus timing in CT-angiography and CT-perfusion: insights from a large clinical dataset. <i>Neuroradiology</i> . 2025 Apr 11. doi: 10.1007/s00234-025-03558-5	2,6
Rau A, Philipsen L, Frings L, Hellwig S, Müller-Glaw P, Reisert M, Mast H, Sajonz BEA, Jost W, Urbach H, Weiller C, Hosp JA, Bormann T, Rijntjes M, Schröter N. The Neurodegeneration of the Hippocampus and Basal Forebrain differentially impact cognition in Lewy-body-Disorders. <i>Brain</i> 2025 Feb 22:awaf070. doi: 10.1093/brain/awaf070. Online ahead of print	
Schürmann T, Stein T, Urbach H, Sajonz BEA, Bamberg F, Coenen VA, Rau A, Reinacher P. Potential for Reduction of Radiation Dose in the Assessment of the Lead Orientation in Directional Deep Brain Stimulation Electrodes. <i>Eur J Radiol</i>	3,3
Rau A, Reisert M, Frank B, Deuschl C, Russe MF, Elsheikh S, Köhrmann M, Urbach H, Kellner E. Analyzing temporal imaging patterns in acute ischemic stroke via DICOM-timestamps. <i>Sci Rep</i> . 2025;15:1239. Doi:10.1038/s41598-025-85315-5	3,9
Donkels C, Huber S, Demerath T, Scheiwe C , Shah MJ , Heers M , Urbach H , Schulze-Bonhage A , Prinz M, Häussler U, Vlachos A, Beck J , Nakagawa JM , Haas CA. Focal cortical dysplasia type II-dependent maladaptive myelination in the human frontal lobe. <i>Glia</i> 2024 Dec 24. doi: 10.1002/glia.24662	5,1
Koautor	
2025	
Duman Kavus, Ikram Eda ; Sankowski, Roman ; Rölz, Roland ; Dreßing, Andrea ; Prinz, Marco et al.. Freiburg Neuropathology Case Conference: progressive optic nerve lesion over a 16-year period. <i>Clinical neuroradiology</i> , 35 (2025), 1, 215-222. Doi: 10.1007/s00062-025-01505-8	2,6
Heibel, Meret ; Urbach, Horst ; Domschke, Katharina ; Hellwig, Sabine. Temporobasales Meningeom als mögliche Ursache einer Kognitionsstörung bei Depression im höheren Lebensalter. <i>Der Nervenarzt</i> , 96 (2025), 86-89. Doi: 10.1007/s00115-024-01787-2	1,1

Donkels, Catharina ; Häussler, Ute ; Huber, Susanne ; Tiesmeyer, Nina ; Demerath, Theo et al.. Dysregulation of myelination in focal cortical dysplasia type II of the human frontal lobe. <i>Glia</i> , 73 (2025), 5, 928-947. Doi: 10.1002/glia.24662	5,1
Wolf, Katharina ; Volz, Florian ; Rahal, Amir El ; Overstijns, Manou ; Lützen, Niklas et al.. Mild cognitive impairment in spontaneous intracranial hypotension and its rapid reversal by repair of a spinal cerebrospinal fluid leak. <i>Headache</i> , 65 (2025), 2, 382-388 Doi: 10.1111/head.14882	4,0
Stein, Thomas ; Lang, Friederike ; Rau, Stephan ; Reisert, Marco ; Russe, Maximilian et al.. Photon-counting detector CT of the brain reduces variability of Hounsfield units and has a mean offset compared with energy-integrating detector CT. <i>AJNR</i> (2025), ajnr.A8910. doi: 10.3174/ajnr.a8910	3,7
Rau, Stephan ; Strecker, Christoph ; Russe, Maximilian ; Niesen, Wolf-Dirk ; Soschynski, Martin et al.. Assessing internal carotid artery stenosis: diagnostic value of photon-counting detector CT angiography compared to doppler ultrasound. <i>European journal of radiology</i> , 191 (2025). Doi: 10.1016/j.ejrad.2025.112338	3,3
Lützen, Niklas ; Volz, Florian ; Rahal, Amir El ; Wolf, Katharina ; Krismer, Laura et al.. Digital subtraction myelography for the detection of type 1 spinal CSF leaks: evaluation of temporal characteristics and diagnostic value. ajnr.A8847. doi: 10.3174/ajnr.a8847	3,7
Heers, Marcel; Schumacher, F. Konrad; Doostkam, Soroush ; Rohrer, Yaron ; Yildirim, Cem et al.. Association of amygdala and hippocampus volumes with histopathological diagnosis in patients with temporal lobe epilepsy. <i>Neurology Open Access</i> , 1 (2025), 2, e000010, doi: 10.1212/wn9.0000000000000010	2,4