

# Hans Clusmann

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,076  
citations

623188

14  
h-index

433756

31  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1093  
citing authors

#	ARTICLE	IF	CITATIONS
1	Current state of social media utilization in neurosurgery amongst European Association of Neurosurgical Societies (EANS) member countries. <i>Acta Neurochirurgica</i> , 2022, 164, 15-23.	0.9	5
2	Choroidal artery ischemic events after temporal lobe epilepsy surgery: clinical outcome, quality of life, and surgical pitfalls. <i>Journal of Neurosurgery</i> , 2022, 136, 536-542.	0.9	1
3	Baseline characteristics and outcome for aneurysmal versus non-aneurysmal subarachnoid hemorrhage: a prospective cohort study. <i>Neurosurgical Review</i> , 2022, 45, 1413-1420.	1.2	7
4	Foundations of Time Series Analysis. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 215-220.	0.5	1
5	Introduction to Machine Learning in Neuroimaging. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 121-124.	0.5	1
6	The Artificial Intelligence Doctor: Considerations for the Clinical Implementation of Ethical AI. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 257-261.	0.5	3
7	Machine Learning-Based Radiomics in Neuro-Oncology. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 139-151.	0.5	5
8	Phase I/II trial of meclofenamate in progressive MGMT-methylated glioblastoma under temozolomide second-line therapy—the MecMeth/NOA-24 trial. <i>Trials</i> , 2022, 23, 57.	0.7	10
9	The Role of Soluble Urokinase Plasminogen Activator Receptor (suPAR) in the Context of Aneurysmal Subarachnoid Hemorrhage (aSAH)—A Prospective Observational Study. <i>Frontiers in Neurology</i> , 2022, 13, 841024.	1.1	1
10	Characterization of a Novel Aspect of Tissue Scarring Following Experimental Spinal Cord Injury and the Implantation of Bioengineered Type-I Collagen Scaffolds in the Adult Rat: Involvement of Perineurial-like Cells?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3221.	1.8	1
11	Dimensionality Reduction: Foundations and Applications in Clinical Neuroscience. <i>Acta Neurochirurgica Supplementum</i> , 2022, 134, 59-63.	0.5	0
12	Risk factors of recurrence in chronic subdural hematoma and a proposed extended classification of internal architecture as a predictor of recurrence. <i>Neurosurgical Review</i> , 2022, 45, 2777-2786.	1.2	9
13	Decompressive hemicraniectomy after aneurysmal subarachnoid hemorrhage—justifiable in light of long-term outcome?. <i>Acta Neurochirurgica</i> , 2022, 164, 1815-1826.	0.9	7
14	Intraarterial Nimodipine Versus Induced Hypertension for Delayed Cerebral Ischemia: A Modified Treatment Protocol. <i>Stroke</i> , 2022, 53, 2607-2616.	1.0	7
15	An altered posterior question-mark incision is associated with a reduced infection rate of cranioplasty after decompressive hemicraniectomy. <i>Journal of Neurosurgery</i> , 2021, 134, 1262-1270.	0.9	14
16	Treatment of Delayed Cerebral Ischemia in Good-Grade Subarachnoid Hemorrhage: Any Role for Invasive Neuromonitoring?. <i>Neurocritical Care</i> , 2021, 35, 172-183.	1.2	18
17	How I do it—the posterior question mark incision for decompressive hemicraniectomy. <i>Acta Neurochirurgica</i> , 2021, 163, 1447-1450.	0.9	9
18	Circulatory dipeptidyl peptidase 3 (cDPP3) is a potential biomarker for early detection of secondary brain injury after aneurysmal subarachnoid hemorrhage. <i>Journal of the Neurological Sciences</i> , 2021, 422, 117333.	0.3	1

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19	Body mass index and leptin levels in serum and cerebrospinal fluid in relation to delayed cerebral ischemia and outcome after aneurysmal subarachnoid hemorrhage. <i>Neurosurgical Review</i> , 2021, 44, 3547-3556.	1.2	5
20	Female Participation in Academic European Neurosurgery—A Cross-Sectional Analysis. <i>Brain Sciences</i> , 2021, 11, 834.	1.1	4
21	Invasive Multimodal Neuromonitoring in Aneurysmal Subarachnoid Hemorrhage: A Systematic Review. <i>Stroke</i> , 2021, 52, 3624-3632.	1.0	24
22	Levels of bioactive adrenomedullin in plasma and cerebrospinal fluid in relation to delayed cerebral ischemia in patients after aneurysmal subarachnoid hemorrhage: A prospective observational study. <i>Journal of the Neurological Sciences</i> , 2021, 427, 117533.	0.3	1
23	Changes in endogenous daytime melatonin levels after aneurysmal subarachnoid hemorrhage — Preliminary findings from an observational cohort study. <i>Clinical Neurology and Neurosurgery</i> , 2021, 208, 106870.	0.6	2
24	Letter: The Retroauricular Incision as an Effective and Safe Alternative Incision for Decompressive Hemicraniectomy. <i>Operative Neurosurgery</i> , 2021, 21, E581.	0.4	1
25	<sup>18</sup> F-FET-PET-guided gross total resection improves overall survival in patients with WHO grade III/IV glioma: moving towards a multimodal imaging-guided resection. <i>Journal of Neuro-Oncology</i> , 2021, 155, 71-80.	1.4	9
26	Unequal Impact of COVID-19 on Private and Academic Neurosurgical Workforce: Results of an International Survey. <i>Frontiers in Surgery</i> , 2021, 8, 749399.	0.6	4
27	A Retrospective Analysis of Randomized Controlled Trials on Traumatic Brain Injury: Evaluation of CONSORT Item Adherence. <i>Brain Sciences</i> , 2021, 11, 1504.	1.1	3
28	Vascular Reactivity to Hypercapnia Is Impaired in the Cerebral and Retinal Vasculature in the Acute Phase After Experimental Subarachnoid Hemorrhage. <i>Frontiers in Neurology</i> , 2021, 12, 757050.	1.1	2
29	Enhancing Safety in Epilepsy Surgery (EASINESS): Study Protocol for a Retrospective, Multicenter, Open Registry. <i>Frontiers in Neurology</i> , 2021, 12, 782666.	1.1	1
30	Neurosarcoidosis As a Rare Differential Diagnosis for Single Or Multiple Lesions of the Nervous System. <i>British Journal of Neurosurgery</i> , 2020, 34, 495-499.	0.4	5
31	Failed Neuroprotection of Combined Inhibition of L-Type and ASIC1a Calcium Channels with Nimodipine and Amiloride. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8921.	1.8	2
32	Current Practice of Neurosurgical Teleconsultation in Germany. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 521-528.	0.4	1
33	Neurosurgeons and the fight with COVID-19: a position statement from the EANS Individual Membership Committee. <i>Acta Neurochirurgica</i> , 2020, 162, 1777-1782.	0.9	17
34	Hemispheric Dominance for Language and Side Effects in Mapping the Inferior Frontal Junction Area with Transcranial Magnetic Stimulation. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2020, 81, 130-137.	0.4	2
35	Argon treatment after experimental subarachnoid hemorrhage: evaluation of microglial activation and neuronal survival as a subanalysis of a randomized controlled animal trial. <i>Medical Gas Research</i> , 2020, 10, 103.	1.2	8
36	Randomized Controlled Trials on Intracerebral Hemorrhage: A Cross Sectional Retrospective Analysis of CONSORT Item Adherence. <i>Frontiers in Neurology</i> , 2019, 10, 991.	1.1	4

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37	Phonological picture–word interference in language mapping with transcranial magnetic stimulation: an objective approach for functional parcellation of Broca’s region. <i>Brain Structure and Function</i> , 2019, 224, 2027-2044.	1.2	5
38	Improvement of Back and Leg Pain after Lumbar Spinal Decompression without Fusion. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2019, 80, 081-087.	0.4	4
39	Craniopharyngioma: The Benefits of a Conservative Approach. <i>Deutsches Arzteblatt International</i> , 2019, 116, 319-320.	0.6	1
40	High-resolution language mapping of Broca’s region with transcranial magnetic stimulation. <i>Brain Structure and Function</i> , 2018, 223, 1297-1312.	1.2	11
41	Lacking Benefit of Intraoperative High-Dose Dexamethasone in Instrumented Surgery for Cervical Spondylotic Myelopathy. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2018, 79, 116-122.	0.4	8
42	Why OR.NET? Requirements and perspectives from a medical user’s, clinical operator’s and device manufacturer’s points of view. <i>Biomedizinische Technik</i> , 2018, 63, 5-10.	0.9	11
43	How I do it – selective amygdalohippocampectomy via a navigated temporobasal approach, when veins forbid elevation of the temporal lobe. <i>Acta Neurochirurgica</i> , 2018, 160, 597-601.	0.9	7
44	Disturbances of Transretinal Signaling After Ablation of CaV2.3 / R-Type Calcium Channels. <i>Biophysical Journal</i> , 2018, 114, 39a-40a.	0.2	2
45	Melatonin secretion following brain midline irradiation is diminished, but not correlated with subjective sleep disturbances. <i>Clinical Endocrinology</i> , 2018, 89, 870-877.	1.2	2
46	Endovascular Rescue Therapies for Refractory Vasospasm After Subarachnoid Hemorrhage: A Prospective Evaluation Study Using Multimodal, Continuous Event Neuromonitoring. <i>Neurosurgery</i> , 2017, 80, 942-949.	0.6	30
47	Xenon Reduces Neuronal Hippocampal Damage and Alters the Pattern of Microglial Activation after Experimental Subarachnoid Hemorrhage: A Randomized Controlled Animal Trial. <i>Frontiers in Neurology</i> , 2017, 8, 511.	1.1	25
48	Time Courses of Inflammatory Markers after Aneurysmal Subarachnoid Hemorrhage and Their Possible Relevance for Future Studies. <i>Frontiers in Neurology</i> , 2017, 8, 694.	1.1	20
49	Neuroprotective properties of dehydroepiandrosterone-sulfate and its relationship to interleukin 6 after aneurysmal subarachnoid hemorrhage: a prospective cohort study. <i>Critical Care</i> , 2015, 19, 231.	2.5	17
50	Cetuximab Induces Eme1-Mediated DNA Repair: a Novel Mechanism for Cetuximab Resistance. <i>Neoplasia</i> , 2014, 16, 207-220.e4.	2.3	12
51	Surgery in adults. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2012, 108, 897-913.	1.0	1
52	The Basal Temporal Approach for Mesial Temporal Surgery: Sparing the Meyer Loop With Navigated Diffusion Tensor Tractography. <i>Operative Neurosurgery</i> , 2010, 67, 385-390.	0.4	32
53	Multitask electrical stimulation for cortical language mapping: Hints for necessity and economic mode of application. <i>Epilepsia</i> , 2009, 50, 2267-2275.	2.6	23
54	THE SURGERY OF EPILEPSY. <i>Neurosurgery</i> , 2008, 62, 463-81; discussion 481.	0.6	68

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55	Rate of vasospasm following the transylvian versus transcortical approach for selective amygdalohippocampectomy. Neurological Research, 2004, 26, 666-670.	0.6	39
56	Neuropsychological Outcome after Selective Amygdalohippocampectomy with Transylvian versus Transcortical Approach: A Randomized Prospective Clinical Trial of Surgery for Temporal Lobe Epilepsy. Epilepsia, 2004, 45, 809-816.	2.6	128
57	Analysis of Different Types of Resection for Pediatric Patients with Temporal Lobe Epilepsy. Neurosurgery, 2004, 54, 847-860.	0.6	143
58	Prognostic factors and outcome after different types of resection for temporal lobe epilepsy. Journal of Neurosurgery, 2002, 97, 1131-1141.	0.9	292