

Ekkehard Kasper

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,338
citations

516561

16
h-index

501076

28
g-index

87
all docs

87
docs citations

87
times ranked

2095
citing authors

#	ARTICLE	IF	CITATIONS
1	Autism gene Ube3a and seizures impair sociability by repressing VTA Cbln1. <i>Nature</i> , 2017, 543, 507-512.	13.7	125
2	The Effect of Positive End-Expiratory Pressure on Intracranial Pressure and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2017, 26, 174-181.	1.2	84
3	BRD4 prevents the accumulation of R-loops and protects against transcription-replication collision events and DNA damage. <i>Nature Communications</i> , 2020, 11, 4083.	5.8	83
4	Mannitol or hypertonic saline in the setting of traumatic brain injury: What have we learned?. , 2015, 6, 177.		63
5	Emerging Medical Treatments for Meningioma in the Molecular Era. <i>Biomedicines</i> , 2018, 6, 86.	1.4	42
6	Methylprednisolone in the management of spinal cord injuries: Lessons from randomized, controlled trials. , 2015, 6, 142.		41
7	Meningiomas in pregnancy: timing of surgery and clinical outcomes as observed in 104 cases and establishment of a best management strategy. <i>Acta Neurochirurgica</i> , 2018, 160, 1521-1529.	0.9	39
8	The Utility of Routine Intensive Care Admission for Patients Undergoing Intracranial Neurosurgical Procedures: A Systematic Review. <i>Neurocritical Care</i> , 2018, 28, 35-42.	1.2	38
9	Post-traumatic anosmia in patients with mild traumatic brain injury (mTBI): A systematic and illustrated review. , 2016, 7, 263.		36
10	Exploring the Virchow-Robin spaces function: A unified theory of brain diseases. , 2016, 7, 711.		34
11	Role of ventriculoperitoneal shunting in patients with neoplasms of the central nervous system: An analysis of 59 cases. <i>Molecular and Clinical Oncology</i> , 2015, 3, 1381-1386.	0.4	31
12	Abdominal insufflation for laparoscopy increases intracranial and intrathoracic pressure in human subjects. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2016, 30, 4029-4032.	1.3	29
13	Unique features of pregnancy-related meningiomas: lessons learned from 148 reported cases and theoretical implications of a prolactin modulated pathogenesis. <i>Neurosurgical Review</i> , 2018, 41, 95-108.	1.2	27
14	Moyamoya disease in pregnancy: a systematic review. <i>Acta Neurochirurgica</i> , 2018, 160, 1711-1719.	0.9	26
15	A pregnant female with a large intracranial mass: Reviewing the evidence to obtain management guidelines for intracranial meningiomas during pregnancy. , 2010, 1, 95.		26
16	Schwannoma of the trochlear nerve-an illustrated case series and a systematic review of management. <i>Neurosurgical Review</i> , 2018, 41, 699-711.	1.2	25
17	Iatrogenic spinal hematoma as a complication of lumbar puncture: What is the risk and best management plan?. , 2016, 7, 581.		25
18	Shunting for hydrocephalus: analysis of techniques and failure patterns. <i>Journal of Surgical Research</i> , 2014, 191, 140-147.	0.8	24

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19	Stereotactic radiosurgery for brain metastases from malignant melanoma. , 2015, 6, 355.		24
20	Stereotactic Radiosurgery for Renal Cancer Brain Metastasis: Prognostic Factors and the Role of Whole-Brain Radiation and Surgical Resection. Journal of Oncology, 2015, 2015, 1-13.	0.6	23
21	New classification of epilepsy-related neoplasms: The clinical perspective. Epilepsy and Behavior, 2017, 67, 91-97.	0.9	22
22	Spontaneous Intracranial Hemorrhage in Pregnancy: A Systematic Review of the Literature. Neurocritical Care, 2019, 30, 5-15.	1.2	21
23	Histiocytosis X: Characteristics, behavior, and treatments as illustrated in a case series. , 2011, 2, 57.		20
24	Current Perspectives in the Surgical Treatment of Severe Traumatic Brain Injury. World Neurosurgery, 2018, 116, 322-328.	0.7	19
25	Ventriculoperitoneal shunting: Laparoscopically assisted versus conventional open surgical approaches. Journal of Innovative Optical Health Sciences, 2014, 9, 72-81.	0.5	18
26	Stereotactic radiosurgery for brain metastasis from gynecological malignancies. Oncology Letters, 2017, 13, 1525-1528.	0.8	16
27	Posterior Rigid Instrumentation of C7: Surgical Considerations and Biomechanics at the Cervicothoracic Junction. A Review of the Literature. World Neurosurgery, 2018, 111, 216-226.	0.7	15
28	Lumbar disk herniation during pregnancy: a review on general management and timing of surgery. Acta Neurochirurgica, 2018, 160, 1361-1370.	0.9	15
29	Hypothermia for severe traumatic brain injury in adults: Recent lessons from randomized controlled trials. , 2016, 7, 103.		15
30	Hypervascular Lesions of the Cerebellopontine Angle: The Relevance of Angiography as a Diagnostic and Therapeutic Tool and the Role of Stereotactic Radiosurgery in Management. A Comprehensive Review. World Neurosurgery, 2017, 100, 100-117.	0.7	14
31	Accelerated growth of hemangioblastoma in pregnancy: the role of proangiogenic factors and upregulation of hypoxia-inducible factor (HIF) in a non-oxygen-dependent pathway. Neurosurgical Review, 2019, 42, 209-226.	1.2	14
32	The role of surgery for treatment of low back pain: insights from the randomized controlled Spine Patient Outcomes Research Trials. , 2016, 7, 38.		14
33	Bilateral telovelar approach: A safe route revisited for resections of various large fourth ventricle tumors. , 2014, 5, 16.		13
34	Do corticosteroids play a role in the management of traumatic brain injury?. , 2016, 7, 84.		13
35	Staged Scalp Soft Tissue Expansion Before Delayed Allograft Cranioplasty. Operative Neurosurgery, 2012, 71, ons15-ons21.	0.4	12
36	A Monoclonal Antibody Against α 5 β 1 Integrin Inhibits Proliferation and Increases Survival in an Orthotopic Model of High-Grade Meningioma. Targeted Oncology, 2019, 14, 479-489.	1.7	12

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37	Factors influencing the presence of hemiparesis in chronic subdural hematoma. <i>Journal of Neurosurgery</i> , 2019, 131, 1926-1930.	0.9	12
38	Intracranial Dural Parafalcine Chondroma: Case Report and Systematic Review of the Literature. <i>World Neurosurgery</i> , 2019, 122, 1-7.	0.7	12
39	Vascular hyperpermeability as a hallmark of phacomatoses: is the etiology angiogenesis comparable with mechanisms seen in inflammatory pathways? Part I: historical observations and clinical perspectives on the etiology of increased CSF protein levels, CSF clotting, and communicating hydrocephalus: a comprehensive review. <i>Neurosurgical Review</i> , 2018, 41, 957-968.	1.2	11
40	Relationship between Cough-Associated Changes in CSF Flow and Disease Severity in Chiari I Malformation: An Exploratory Study Using Real-Time MRI. <i>American Journal of Neuroradiology</i> , 2018, 39, 1267-1272.	1.2	11
41	Clinical outcomes following early versus late pharmacologic thromboprophylaxis in patients with traumatic intracranial hemorrhage: a systematic review and meta-analysis. <i>Neurosurgical Review</i> , 2020, 43, 861-872.	1.2	10
42	Spinal meningiomas: 61 cases with predictors of early postoperative surgical outcomes. <i>Journal of Neurosurgical Sciences</i> , 2020, 64, 446-451.	0.3	10
43	"Hitting all the right markers to save a life" Solitary fibrous tumors of the central nervous system: Case series and review of the literature. , 2012, 3, 83.		9
44	Primary Extradural Tumors of the Spine - Case Review with Evidence-guided Management. , 2014, 5, 373.		8
45	Chronic Q-Fever (<i>Coxiella burnetii</i>) Causing Abdominal Aortic Aneurysm and Lumbar Osteomyelitis: A Case Report. <i>Open Forum Infectious Diseases</i> , 2016, 3, ofv185.	0.4	8
46	Proposal of a new radiological classification system for spinal meningiomas as a descriptive tool and surgical guide. <i>Clinical Neurology and Neurosurgery</i> , 2017, 162, 118-126.	0.6	8
47	An optimized technique of endoscopic third ventriculocisternostomy (ETV) for children with occlusive hydrocephalus. <i>Neurosurgical Review</i> , 2018, 41, 851-859.	1.2	8
48	Granular cell tumor of the infundibulum: a systematic review of MR-radiography, pathology, and clinical findings. <i>Journal of Neuro-Oncology</i> , 2018, 140, 181-198.	1.4	8
49	Dabigatran reversal by idarucizumab in the setting of intracranial hemorrhage: A systematic review of the literature. <i>Clinical Neurology and Neurosurgery</i> , 2019, 181, 76-81.	0.6	8
50	Hemicraniectomy in the management of malignant middle cerebral artery infarction: Lessons from randomized, controlled trials. , 2014, 5, 72.		7
51	Central nervous system anomalies in two females with Borjeson-Forsman-Lehmann syndrome. <i>Epilepsy and Behavior</i> , 2017, 69, 104-109.	0.9	7
52	Factors Predicting the Need for Surgery of the Opposite Side After Unilateral Evacuation of Bilateral Chronic Subdural Hematomas. <i>Neurosurgery</i> , 2019, 85, 648-655.	0.6	7
53	Hemorrhagic Complications of Invasive Intracranial Pressure Monitor Placement in Acute Liver Failure: Outcomes of a Single-Center Protocol and Comprehensive Literature Review. <i>Neurocritical Care</i> , 2021, 35, 87-102.	1.2	7
54	Sexual activity as a trigger for intracranial hemorrhage. <i>Acta Neurochirurgica</i> , 2016, 158, 189-195.	0.9	6

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55	Relationship between pineal cyst size and aqueductal CSF flow measured by phase contrast MRI. <i>Journal of Neurosurgical Sciences</i> , 2021, 65, 63-68.	0.3	6
56	Retained transorbital foreign body with intracranial extension after pipe bomb explosion. , 2010, 1, 94.		6
57	Vascular hyperpermeability as a hallmark of phacomatoses: is the etiology angiogenesis related to or comparable with mechanisms seen in inflammatory pathways? Part II: angiogenesis- and inflammation-related molecular pathways, tumor-associated macrophages, and possible therapeutic implications: a comprehensive review. <i>Neurosurgical Review</i> . 2018. 41, 931-944.	1.2	5
58	Chiari I malformation and pregnancy: a comprehensive review of the literature to address common questions and to guide management. <i>Acta Neurochirurgica</i> , 2020, 162, 1565-1573.	0.9	5
59	Pharmacoprophylaxis for Venous Thromboembolism in Spinal Surgery: A Systematic Review and Meta-analysis. <i>World Neurosurgery</i> , 2021, 150, e144-e154.	0.7	5
60	Quo Vadis, Academia? Can Academic Neurosurgery Be Resurrected?. <i>World Neurosurgery</i> , 2012, 78, 20-23.	0.7	4
61	Complex single step skull reconstruction in Gorham's disease - a technical report and review of the literature. <i>BMC Surgery</i> , 2015, 15, 24.	0.6	4
62	Surgery for posterior fossa ependymomas in adults. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 63-70.	0.3	4
63	Epstein Barr virus associated smooth muscle tumors in the central nervous system: a case report and systematic review of the literature. <i>Journal of Neuro-Oncology</i> , 2020, 147, 247-260.	1.4	4
64	Evaluation of Long-Term Outcomes and Toxicity After Stereotactic Phosphorus-32-Based Intracavitary Brachytherapy in Patients With Cystic Craniopharyngioma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 773-784.	0.4	4
65	A Review of the Neurosurgical Management of Brain Metastases During Pregnancy. <i>Canadian Journal of Neurological Sciences</i> , 2021, 48, 698-707.	0.3	4
66	Oculomotor nerve schwannoma: case series and literature review. <i>Survey of Ophthalmology</i> , 2022, 67, 1160-1174.	1.7	4
67	Primary epidural lymphocyte-depleted Hodgkin's lymphoma of the thoracic spine – presentation of a rare disease variant. <i>BMC Neurology</i> , 2012, 12, 64.	0.8	3
68	Single-session, transarterial complete embolization of Galenic dural AV fistula. <i>Acta Neurochirurgica</i> , 2016, 158, 255-259.	0.9	3
69	Non-metastatic squamous cell carcinoma within a Rathke's cleft cyst. <i>Pituitary</i> , 2016, 19, 105-109.	1.6	3
70	Primary Pituitary Fibrosarcoma with Previous Adenoma. <i>World Neurosurgery</i> , 2017, 105, 1032.e7-1032.e11.	0.7	3
71	Subependymal giant cell astrocytoma: Associated hyperproteinorrhachia causing shunt failures and nonobstructive hydrocephalus - Report of successful treatment with long-term follow-up. <i>Journal of Innovative Optical Health Sciences</i> , 2017, 12, 746.	0.5	3
72	Hypervascular glioblastoma multiforme or arteriovenous malformation associated Glioma? A diagnostic and therapeutic challenge: A case report. , 2016, 7, 883.		3

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73	Management of quadrigeminal arachnoid cyst associated with obstructive hydrocephalus: report on stereotactic ventricular - cystic stenting. <i>British Journal of Neurosurgery</i> , 2019, 33, 418-421.	0.4	2
74	Clinical Chiari syndrome or anatomical Chiari malformation? A conundrum revisited. <i>Acta Neurochirurgica</i> , 2020, 162, 1527-1528.	0.9	2
75	Indications, feasibility, safety, and efficacy of CyberKnife radiotherapy for the treatment of olfactory groove meningiomas: a single institutional retrospective series. <i>Radiation Oncology</i> , 2020, 15, 63.	1.2	2
76	Survival benefit of tumor treating fields plus stereotactic radiosurgery for recurrent malignant gliomas.. <i>Journal of Clinical Oncology</i> , 2015, 33, e13036-e13036.	0.8	2
77	The role of systemic disease status in treatment outcomes for patients with newly diagnosed brain oligometastases and treated with stereotactic radiosurgery alone. <i>Journal of Radiation Oncology</i> , 2014, 3, 43-48.	0.7	1
78	Radiologic characteristics of ependymomas: a case-based approach. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 38-45.	0.3	1
79	The changing landscape of ependymomas: diagnostic and treatment approaches. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 36-37.	0.3	0
80	En bloc Resection of Solitary Cranial Tumors: An Algorithmic Reconstructive Approach. <i>Journal of Reconstructive Microsurgery Open</i> , 2019, 04, e14-e23.	0.2	0
81	Feasibility, safety, and utility of brain MRI for patients with non-MRI-conditioned CIED. <i>Neurosurgical Review</i> , 2020, 43, 1539-1546.	1.2	0
82	Closing the Gap between Pediatric and Adult Care: Establishing Proper Transition Care. <i>Journal of Pediatric Neurology</i> , 2020, 18, 271-272.	0.0	0
83	On the need of creating multicenter registries for more suitable matched cohort studies to elucidate best multidisciplinary care strategies for patients with Chiari malformations. <i>Acta Neurochirurgica</i> , 2021, 163, 1605-1605.	0.9	0
84	Cerebral Arteriovenous Malformations in Pediatric Patients with Hereditary Hemorrhagic Telangiectasia: Re-evaluating Appearance, Bleeding Risk, and Treatment Necessity in a Selective Meta-analysis. <i>Journal of Pediatric Neurology</i> , 2020, 18, 279-285.	0.0	0
85	Long-Term Surveillance and Life-Time Care for Pediatric Patients Suffering from Hydrocephalus. <i>Journal of Pediatric Neurology</i> , 2020, 18, 297-300.	0.0	0