

Christoph Wipplinger

List of Publications by Year in descending order

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Version: 2024-02-01

49
papers

628
citations

759055

12
h-index

642610

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49
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49
times ranked

642
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined nucleus pulposus augmentation and annulus fibrosus repair prevents acute intervertebral disc degeneration after discectomy. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	79
2	Retrospective Review of Immediate Restoration of Lordosis in Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion: A Comparison of Static and Expandable Interbody Cages. <i>Operative Neurosurgery</i> , 2020, 18, 518-523.	0.4	51
3	In vivo annular repair using high-density collagen gel seeded with annulus fibrosus cells. <i>Acta Biomaterialia</i> , 2018, 79, 230-238.	4.1	46
4	Defining the MIS-TLIF: A Systematic Review of Techniques and Technologies Used by Surgeons Worldwide. <i>Global Spine Journal</i> , 2020, 10, 151S-167S.	1.2	44
5	Evolving Navigation, Robotics, and Augmented Reality in Minimally Invasive Spine Surgery. <i>Global Spine Journal</i> , 2020, 10, 22S-33S.	1.2	42
6	Reconstruction of large cranial defects with poly-methyl-methacrylate (PMMA) using a rapid prototyping model and a new technique for intraoperative implant modeling. <i>Neurologia i Neurochirurgia Polska</i> , 2017, 51, 214-220.	0.6	39
7	Mesenchymal Stem Cell-Seeded High-Density Collagen Gel for Annular Repair: 6-Week Results From In Vivo Sheep Models. <i>Neurosurgery</i> , 2019, 85, E350-E359.	0.6	34
8	Indirect Decompression Failure After Lateral Lumbar Interbody Fusion—Reported Failures and Predictive Factors: Systematic Review. <i>Global Spine Journal</i> , 2020, 10, 8S-16S.	1.2	26
9	MIS approaches in the cervical spine. <i>Journal of Spine Surgery</i> , 2019, 5, S74-S74.	0.6	25
10	Proteoglycan removal by chondroitinase ABC improves injectable collagen gel adhesion to annulus fibrosus. <i>Acta Biomaterialia</i> , 2019, 97, 428-436.	4.1	23
11	Analysis of the Literature on Cervical Spine Fractures in Ankylosing Spinal Disorders. <i>Global Spine Journal</i> , 2017, 7, 469-481.	1.2	21
12	Ten-Step Minimally Invasive Cervical Decompression via Unilateral Tubular Laminotomy: Technical Note and Early Clinical Experience. <i>Operative Neurosurgery</i> , 2019, 18, 284-294.	0.4	18
13	Minimally Invasive Approaches for Surgical Treatment of Lumbar Spondylolisthesis. <i>Neurosurgery Clinics of North America</i> , 2019, 30, 305-312.	0.8	12
14	Endovascular reconstruction of iatrogenic internal carotid artery injury following endonasal surgery: a systematic review. <i>Neurosurgical Review</i> , 2021, 44, 1797-1804.	1.2	11
15	The impact of obesity and smoking on young individuals suffering from lumbar disc herniation: a retrospective analysis of 97 cases. <i>Neurosurgical Review</i> , 2020, 43, 1297-1303.	1.2	10
16	Early surgery may lower mortality in patients suffering from severe spinal infection. <i>Acta Neurochirurgica</i> , 2020, 162, 2887-2894.	0.9	10
17	Flow diverter embolization device for endovascular treatment of ruptured blister and wide necked very small aneurysms. <i>Heliyon</i> , 2019, 5, e02241.	1.4	9
18	One and a half—minimally invasive transforaminal lumbar interbody fusion: single level transforaminal lumbar interbody fusion with adjacent segment unilateral laminotomy for bilateral decompression for spondylolisthesis with bisegmental stenosis. <i>Journal of Spine Surgery</i> , 2018, 4, 780-786.	0.6	8

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19	Bow Hunter Syndrome with Associated Pseudoaneurysm. <i>World Neurosurgery</i> , 2019, 122, 53-57.	0.7	8
20	Minimally Invasive Laminotomy for Contralateral "Over-the-Top" Foraminal Decompression Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E296-E296.	0.4	8
21	Surgical treatment and neurological outcome of infiltrating intramedullary astrocytoma WHO II-IV: a multicenter retrospective case series. <i>Journal of Neuro-Oncology</i> , 2021, 151, 181-191.	1.4	8
22	Lateralization of inferior petrosal sinus sampling in Cushing's disease correlates with cavernous sinus venous drainage patterns, but not tumor lateralization. <i>Heliyon</i> , 2020, 6, e05299.	1.4	7
23	Novel MIS 3D NAV Single Step Pedicle Screw System (SSPSS): Workflow, Accuracy and Initial Clinical Experience. <i>Global Spine Journal</i> , 2022, 12, 1098-1108.	1.2	7
24	A scoring system for the preoperative evaluation of prognosis in spinal infection: the MSI-20 score. <i>Spine Journal</i> , 2022, 22, 827-834.	0.6	7
25	Dural Arteriovenous Fistulas with Venous Drainage Patterns Inducing Ocular Manifestations Mimicking a Carotid Cavernous Fistula: Report of 2 Cases. <i>World Neurosurgery</i> , 2019, 127, 216-219.	0.7	6
26	Minimally Invasive Transforaminal Lumbar Interbody Fusion using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 18, E9-E10.	0.4	6
27	Adenosine-induced transient circulatory arrest in transvenous embolization of cerebral arteriovenous malformations. <i>Neuroradiology Journal</i> , 2021, 34, 509-516.	0.6	6
28	Elastic Image Fusion Software to Coregister Preoperatively Planned Pedicle Screws With Intraoperative Computed Tomography Data for Image-Guided Spinal Surgery. <i>International Journal of Spine Surgery</i> , 2021, 15, 295-301.	0.7	6
29	Clinical and radiological effect of medialized cortical bone trajectory for lumbar pedicle screw fixation in patients with degenerative lumbar spondylolisthesis: study protocol for a randomized controlled trial (mPACT). <i>Trials</i> , 2018, 19, 129.	0.7	5
30	Pial Arteriovenous Fistula with Multiple Venous Aneurysms Resembling a Vein of Galen Aneurysmal Malformation; Case Report and Review of Literature. <i>World Neurosurgery</i> , 2019, 127, 245-248.	0.7	5
31	Commentary: Antiplatelet Therapy in Flow Diversion. <i>Neurosurgery</i> , 2020, 86, E231-E233.	0.6	5
32	Tandem Microscopic Slalom Technique: The Use of 2 Microscopes Simultaneously Performing Unilateral Laminotomy for Bilateral Decompression in Multilevel Lumbar Spinal Stenosis. <i>Global Spine Journal</i> , 2020, 10, 88S-93S.	1.2	5
33	Review of the Highlights from the First Annual Global Neurosurgery 2019: A Practical Symposium. <i>World Neurosurgery</i> , 2020, 137, 46-54.	0.7	5
34	Superficial Siderosis of Central Nervous System as Primary Clinical Manifestation Secondary to Intradural Thoracic Disk Herniation. <i>World Neurosurgery</i> , 2018, 119, 40-44.	0.7	4
35	Less Invasive Cervical Decompression via Unilateral Tubular Laminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 19, E418-E418.	0.4	4
36	Gender-Specific Differences in Presentation and Management of Spinal Infection: A Single-Center Retrospective Study of 159 Cases. <i>Global Spine Journal</i> , 2021, 11, 430-436.	1.2	4

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37	Clinical Significance of Redundant Nerve Roots in Patients with Lumbar Stenosis Undergoing Minimally Invasive Tubular Decompression. <i>World Neurosurgery</i> , 2022, , .	0.7	3
38	The influence of surface EMG-triggered multichannel electrical stimulation on sensomotoric recovery in patients with lumbar disc herniation: study protocol for a randomized controlled trial (RECO). <i>Trials</i> , 2017, 18, 566.	0.7	2
39	Thoracic corpectomy for neoplastic vertebral bodies using a navigated lateral extracavitary approach—a single-center consecutive case series: technique and analysis. <i>Neurosurgical Review</i> , 2018, 41, 575-583.	1.2	2
40	Combined Endovascular and Endoscopic Approach for Treatment of Concomitant Sphenoid Sinus Giant Traumatic Aneurysm and Direct Carotid Cavernous Fistulas. <i>World Neurosurgery</i> , 2020, 134, 211-214.	0.7	2
41	Neural decompression in challenging cases: advantages and disadvantages. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 541-547.	0.3	2
42	Successful endoluminal reconstruction of a pseudoaneurysm of the internal carotid artery following a transorbital stab injury. <i>Clinical Neurology and Neurosurgery</i> , 2020, 194, 105838.	0.6	1
43	Surgical clipping compared to endovascular coiling of ruptured coil able middle cerebral aneurysms: A single-center experience. <i>Interdisciplinary Neurosurgery: Advanced Techniques and Case Management</i> , 2020, 21, 100708.	0.2	1
44	Technical nuances and approach-related morbidity of anterolateral and posterolateral lumbar corpectomy approaches—a systematic review of the literature. <i>Acta Neurochirurgica</i> , 2022, 164, 2243-2256.	0.9	1
45	Flow Diverters Take an Ever Bigger Piece of the Aneurysm Treatment Pie: But How Do Individual Devices Compare?. <i>World Neurosurgery</i> , 2019, 132, 439-440.	0.7	0
46	Commentary: A Cohort Comparison Analysis of Fixed Pressure Ventriculoperitoneal Shunt Valves With Programmable Valves for Hydrocephalus Following Nontraumatic Subarachnoid Hemorrhage. <i>Operative Neurosurgery</i> , 2020, 18, E102-E103.	0.4	0
47	Commentary: Women With First-Hand Tobacco Smoke Exposure Have a Higher Likelihood of Having an Unruptured Intracranial Aneurysm Than Nonsmokers: A Nested Case-Control Study. <i>Neurosurgery</i> , 2020, 87, E628-E630.	0.6	0
48	Commentary: George Chance and Frank Holdsworth: Understanding Spinal Instability and the Evolution of Modern Spine Injury Classification Systems. <i>Neurosurgery</i> , 2020, 86, E519-E520.	0.6	0
49	Thoracoscopic Fusion. , 2019, , 329-336.		0