Christoph P Hofstetter

List of Publications by Year
in descending order

51 papers	1,683 citations	279487 23 h-index	288905 40 g-index
51 all docs	51 docs citations	51 times ranked	1782 citing authors

#	Article	IF	Citations
1	The endoscopic, endonasal, transmaxillary transpterygoid approach to the pterygopalatine fossa, infratemporal fossa, petrous apex, and the Meckel cave. Journal of Neurosurgery, 2010, 113, 967-974.	0.9	160
2	Minimally invasive laminectomy for lumbar spinal stenosis in patients with and without preoperative spondylolisthesis: clinical outcome and reoperation rates. Journal of Neurosurgery: Spine, 2015, 22, 339-352.	0.9	112
3	Volumetric classification of pituitary macroadenomas predicts outcome and morbidity following endoscopic endonasal transsphenoidal surgery. Pituitary, 2012, 15, 450-463.	1.6	106
4	Endoscopic endonasal transsphenoidal surgery for functional pituitary adenomas. Neurosurgical Focus, 2011, 30, E10.	1.0	103
5	Zero-profile Anchored Spacer Reduces Rate of Dysphagia Compared With ACDF With Anterior Plating. Journal of Spinal Disorders and Techniques, 2015, 28, E284-E290.	1.8	96
6	Endoscopic endonasal transsphenoidal surgery for growth hormoneâ€“secreting pituitary adenomas. Neurosurgical Focus, 2010, 29, E6.	1.0	92
7	AOSpine Consensus Paper on Nomenclature for Working-Channel Endoscopic Spinal Procedures. Global Spine Journal, 2020, 10, 111S-121S.	1.2	81
8	The Transplanum Transtuberculum Approaches for Suprasellar and Sellar-Suprasellar Lesions: Avoidance of Cerebrospinal Fluid Leak and Lessons Learned. World Neurosurgery, 2014, 82, 186-195.	0.7	71
9	Comparison of clinical outcomes following minimally invasive or lumbar endoscopic unilateral laminotomy for bilateral decompression. Journal of Neurosurgery: Spine, 2019, 30, 491-499.	0.9	60
10	Protein Phosphatase 2A Mediates Dormancy of Glioblastoma Multiforme-Derived Tumor Stem-Like Cells during Hypoxia. PLoS ONE, 2012, 7, e30059.	1.1	55
11	The benefit zone of full-endoscopic spine surgery. Journal of Spine Surgery, 2019, 5, S41-S56.	0.6	52
12	Comparison of full-endoscopic and minimally invasive decompression for lumbar spinal stenosis in the setting of degenerative scoliosis and spondylolisthesis. Neurosurgical Focus, 2019, 46, E16.	1.0	50
13	Contrast-enhanced ultrasound to visualize hemodynamic changes after rodent spinal cord injury. Journal of Neurosurgery: Spine, 2018, 29, 306-313.	0.9	44
14	Posterior approach for thoracolumbar corpectomies with expandable cage placement and circumferential arthrodesis: a multicenter case series of 67 patients. Journal of Neurosurgery: Spine, 2011, 14, 388-397.	0.9	42
15	Exploratory meta-analysis on dose-related efficacy and morbidity of bone morphogenetic protein in spinal arthrodesis surgery. Journal of Neurosurgery: Spine, 2016, 24, 457-475.	0.9	41
16	Expandable Polyaryl-Ether-Ether-Ketone Spacers for Interbody Distraction in the Lumbar Spine. Global Spine Journal, 2015, 5, 169-178.	1.2	36
17	The Impact of Cage Dimensions, Positioning, and Side of Approach in Extreme Lateral Interbody Fusion. Clinical Spine Surgery, 2018, 31, E42-E49.	0.7	36
18	Unilateral tubular approach for bilateral laminotomy: effect on ipsilateral and contralateral buttock and leg pain. European Spine Journal, 2017, 26, 389-396.	1.0	34

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19	Injectable Hydrogels for Spinal Cord Repair: A Focus on Swelling and Intraspinal Pressure. Cells Tissues Organs, 2016, 202, 67-84.	1.3	33
20	Temporal and Spatial Evolution of Raised Intraspinal Pressure after Traumatic Spinal Cord Injury. Journal of Neurotrauma, 2017, 34, 645-651.	1.7	33
21	Endoscopic lumbar foraminotomy. Journal of Clinical Neuroscience, 2015, 22, 730-734.	0.8	27
22	Internal decompression of the acutely contused spinal cord: Differential effects of irrigation only versus biodegradable scaffold implantation. Biomaterials, 2018, 185, 284-300.	5.7	26
23	High-Frequency Nonlinear Doppler Contrast-Enhanced Ultrasound Imaging of Blood Flow. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 1776-1784.	1.7	24
24	Early experience with endoscopic foraminotomy in patients with moderate degenerative deformity. Neurosurgical Focus, 2016, 40, E6.	1.0	23
25	Intra- and Perioperative Complications Associated with Endoscopic Spine Surgery: AÂMulti-Institutional Study. World Neurosurgery, 2018, 120, e1054-e1060.	0.7	23
26	Full endoscopic unilateral laminotomy for bilateral decompression of the cervical spine: surgical technique and early experience. Journal of Spine Surgery, 2020, 6, 447-456.	0.6	22
27	Economic impact of minimally invasive lumbar surgery. World Journal of Orthopedics, 2015, 6, 190.	0.8	18
28	Early experience with endoscopic revision of lumbar spinal fusions. Neurosurgical Focus, 2016, 40, E10.	1.0	16
29	Contrast-Enhanced Ultrasound for Assessment of Local Hemodynamic Changes Following a Rodent Contusion Spinal Cord Injury. Military Medicine, 2020, 185, 470-475.	0.4	14
30	Anterior Cervical Discectomy and Fusion (ACDF): Comparison Between Zero Profile Implants and Anterior Cervical Plate and Spacer. Cureus, 2016, 8, e573.	0.2	13
31	Interlaminar endoscopic lateral recess decompressionâ€"surgical technique and early clinical results. Journal of Spine Surgery, 2017, 3, 123-132.	0.6	13
32	Effect of Durotomy versus Myelotomy on Tissue Sparing and Functional Outcome after Spinal Cord Injury. Journal of Neurotrauma, 2021, 38, 746-755.	1.7	13
33	Revision strategies for AxiaLIF. Neurosurgical Focus, 2011, 31, E17.	1.0	12
34	Transcutaneous contrast-enhanced ultrasound imaging of the posttraumatic spinal cord. Spinal Cord, 2020, 58, 695-704.	0.9	12
35	Blood Flow Changes Associated with Spinal Cord Injury Assessed by Non-linear Doppler Contrast-Enhanced Ultrasound. Ultrasound in Medicine and Biology, 2022, 48, 1410-1419.	0.7	11
36	Transforaminal Endoscopic Lumbar Discectomy and Foraminotomy with Modified Radiofrequency Nerve Stimulator and Continuous Electromyography Under General Anesthesia. World Neurosurgery, 2020, 137, 102-110.	0.7	10

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37	The Endoscopic Trans-Superior Articular Process Approach: A Novel Minimally Invasive Surgical Corridor to the Lateral Recess. Operative Neurosurgery, 2020, 19, E1-E10.	0.4	9
38	Contralateral facet-sparing sublaminar endoscopic foraminotomy for the treatment of lumbar lateral recess stenosis: technical note. Journal of Spine Surgery, 2017, 3, 260-266.	0.6	8
39	Method and Apparatus for the Automated Delivery of Continuous Neural Stem Cell Trails Into the Spinal Cord of Small and Large Animals. Neurosurgery, 2019, 85, 560-573.	0.6	8
40	Development of a Curriculum for Minimally Invasive Spine Surgery (MISS). Global Spine Journal, 2020, 10, 122S-125S.	1.2	8
41	Innovations in Spinal Endoscopy. World Neurosurgery, 2022, 160, 138-148.	0.7	7
42	Transforaminal Endoscopic Approach for Large-Sample Tumor Biopsy using Beveled Working Channel for Core Technique: A Technical Note. World Neurosurgery, 2020, 141, 346-351.	0.7	6
43	Transforaminal endoscopic discectomy to relieve sciatica and delay fusion in a 31-year-old man with pars defects and low-grade spondylolisthesis. Neurosurgical Focus, 2016, 40, E4.	1.0	5
44	Intraoperative contrast-enhanced ultrasound for intramedullary spinal neoplasms: patient series. Journal of Neurosurgery Case Lessons, 2021, 1, .	0.1	5
45	Cellular allograft for multilevel stand-alone anterior cervical discectomy and fusion. Neurosurgical Focus, 2021, 50, E7.	1.0	5
46	Endoscopic Spine Surgery Past, Present, and Future. Bulletin of the Hospital for Joint Disease (2013), 2019, 77, 75-84.	0.3	3
47	The Role of the Endoscope in Spinal Oncology: A Systematic Review of Applications and Systematic Analysis of Patient Outcomes. World Neurosurgery, 2022, , .	0.7	2
48	Can We Ever Separate the Tool and the Fool?. World Neurosurgery, 2012, 77, 459-460.	0.7	1
49	Traumatic Fetal Subdural Hematoma and Unstable Maternal Spine Fracture. World Neurosurgery, 2020, 142, 368-370.	0.7	1
50	Endoscopic Spine Surgery in Athletes: Case Series and Review of Literature. World Neurosurgery, 2021, 145, 702-707.	0.7	1
51	Pituitary Adenomas in Nigeriaâ€"Surgical and Societal Challenges. World Neurosurgery, 2012, 77, 610-612.	0.7	0