

Hasan A Zaidi

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

1,842
citations

201674

27
h-index

289244

40
g-index

87
all docs

87
docs citations

87
times ranked

2548
citing authors

#	ARTICLE	IF	CITATIONS
1	The Oncogenic Potential of Mesenchymal Stem Cells in the Treatment of Cancer: Directions for Future Research. <i>Current Immunology Reviews</i> , 2010, 6, 137-148.	1.2	85
2	Gross total resection of pituitary adenomas after endoscopic vs. microscopic transsphenoidal surgery: a meta-analysis. <i>Acta Neurochirurgica</i> , 2018, 160, 1005-1021.	1.7	82
3	Comparison of outcomes between a less experienced surgeon using a fully endoscopic technique and a very experienced surgeon using a microscopic transsphenoidal technique for pituitary adenoma. <i>Journal of Neurosurgery</i> , 2016, 124, 596-604.	1.6	79
4	A practical method for prevention of readmission for symptomatic hyponatremia following transsphenoidal surgery. <i>Pituitary</i> , 2018, 21, 25-31.	2.9	72
5	Diagnosis and Management of Bow Hunter's Syndrome: 15-Year Experience at Barrow Neurological Institute. <i>World Neurosurgery</i> , 2014, 82, 733-738.	1.3	70
6	Applications of neural and mesenchymal stem cells in the treatment of gliomas. <i>Expert Review of Anticancer Therapy</i> , 2009, 9, 597-612.	2.4	68
7	Surgical and clinical efficacy of sacroiliac joint fusion: a systematic review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 59-66.	1.7	68
8	Predictors and Rates of Delayed Symptomatic Hyponatremia after Transsphenoidal Surgery: A Systematic Review. <i>World Neurosurgery</i> , 2016, 88, 1-6.	1.3	68
9	Long-term Functional Outcomes and Predictors of Shunt-Dependent Hydrocephalus After Treatment of Ruptured Intracranial Aneurysms in the BRAT Trial. <i>Neurosurgery</i> , 2015, 76, 608-615.	1.1	66
10	Indocyanine Green Angiography in the Surgical Management of Cerebral Arteriovenous Malformations. <i>Operative Neurosurgery</i> , 2014, 10, 246-251.	0.8	52
11	Readmission and Other Adverse Events after Transsphenoidal Surgery: Prevalence, Timing, and Predictive Factors. <i>Journal of the American College of Surgeons</i> , 2017, 224, 971-979.	0.5	51
12	Impact of Timing of Intervention Among 397 Consecutively Treated Brainstem Cavernous Malformations. <i>Neurosurgery</i> , 2017, 81, 620-626.	1.1	51
13	The utility of high-resolution intraoperative MRI in endoscopic transsphenoidal surgery for pituitary macroadenomas: early experience in the Advanced Multimodality Image Guided Operating suite. <i>Neurosurgical Focus</i> , 2016, 40, E18.	2.3	48
14	Efficacy of transsphenoidal surgery in achieving biochemical cure of growth hormone-secreting pituitary adenomas among patients with cavernous sinus invasion: a systematic review and meta-analysis. <i>Neurological Research</i> , 2017, 39, 387-398.	1.3	48
15	Minimally Invasive Endoscopic Supracerebellar-Infratentorial Surgery of the Pineal Region: Anatomical Comparison of Four Variant Approaches. <i>World Neurosurgery</i> , 2015, 84, 257-266.	1.3	47
16	Efficacy of Three-Dimensional Endoscopy for Ventral Skull Base Pathology: A Systematic Review of the Literature. <i>World Neurosurgery</i> , 2016, 86, 419-431.	1.3	47
17	Lumbar Spinal Fixation with Cortical Bone Trajectory Pedicle Screws in 79 Patients with Degenerative Disease: Perioperative Outcomes and Complications. <i>World Neurosurgery</i> , 2016, 88, 205-213.	1.3	45
18	Coiling Versus Microsurgical Clipping in the Treatment of Unruptured Middle Cerebral Artery Aneurysms: A Meta-Analysis. <i>Neurosurgery</i> , 2018, 83, 879-889.	1.1	44

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19	Microvascular decompression for hemifacial spasm secondary to vertebrobasilar dolichoectasia: Surgical strategies, technical nuances and clinical outcomes. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 62-68.	1.5	36
20	Infraorbital nerve: a surgically relevant landmark for the pterygopalatine fossa, cavernous sinus, and anterolateral skull base in endoscopic transmaxillary approaches. <i>Journal of Neurosurgery</i> , 2016, 125, 1460-1468.	1.6	36
21	Predictors of aggressive clinical phenotype among immunohistochemically confirmed atypical adenomas. <i>Journal of Clinical Neuroscience</i> , 2016, 34, 246-251.	1.5	34
22	Physiologic Growth Hormone Replacement Therapy and Craniopharyngioma Recurrence in Pediatric Patients: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 109, 487-496.e1.	1.3	34
23	Surgical efficacy of minimally invasive thoracic discectomy. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1708-1713.	1.5	33
24	Origins and clinical implications of the brain tumor stem cell hypothesis. <i>Journal of Neuro-Oncology</i> , 2009, 93, 49-60.	2.9	32
25	Multimodal treatment strategies for complex pediatric cerebral arteriovenous fistulas: contemporary case series at Barrow Neurological Institute. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 15, 615-624.	1.3	31
26	Time Course of Symptomatic Recovery After Endoscopic Transsphenoidal Surgery for Pituitary Adenoma Apoplexy in the Modern Era. <i>World Neurosurgery</i> , 2016, 96, 434-439.	1.3	31
27	Evaluation of Surgical Freedom for Microscopic and Endoscopic Transsphenoidal Approaches to the Sella. <i>Operative Neurosurgery</i> , 2015, 11, 69-79.	0.8	30
28	Contralateral Interhemispheric Approach to Deep-Seated Cavernous Malformations. <i>Neurosurgery</i> , 2014, 75, 80-86.	1.1	28
29	Predictors of access to pituitary tumor resection in the United States, 1988-2005. <i>European Journal of Endocrinology</i> , 2009, 161, 259-265.	3.7	26
30	Anterior interhemispheric transsplenic approach to pineal region tumors: anatomical study and illustrative case. <i>Journal of Neurosurgery</i> , 2018, 128, 182-192.	1.6	26
31	National treatment trends, complications, and predictors of in-hospital charges for the surgical management of craniopharyngiomas in adults from 2007 to 2011. <i>Neurosurgical Focus</i> , 2014, 37, E6.	2.3	22
32	History of endonasal skull base surgery. <i>Journal of Neurosurgical Sciences</i> , 2016, 60, 441-53.	0.6	21
33	Time Course of Resolution of Hyperprolactinemia After Transsphenoidal Surgery Among Patients Presenting with Pituitary Stalk Compression. <i>World Neurosurgery</i> , 2017, 97, 2-7.	1.3	20
34	Randomized controlled trials comparing surgery to non-operative management in neurosurgery: a systematic review. <i>Acta Neurochirurgica</i> , 2019, 161, 627-634.	1.7	18
35	Reduction versus In Situ Fusion for Adult High-Grade Spondylolisthesis: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2020, 138, 512-520.e2.	1.3	15
36	Predictors and early survival outcomes of maximal resection in WHO grade II 1p/19q-codeleted oligodendrogliomas. <i>Neuro-Oncology</i> , 2020, 22, 369-380.	1.2	13

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37	Harvey Cushing's attempt at the first human pituitary transplantation. <i>Nature Reviews Endocrinology</i> , 2010, 6, 48-52.	9.6	12
38	Persistent Outpatient Hypertension Is Independently Associated with Spinal Cord Dysfunction and Imaging Characteristics of Spinal Cord Damage among Patients with Cervical Spondylosis. <i>World Neurosurgery</i> , 2015, 84, 351-357.	1.3	12
39	Quantifying the impact of surgical decompression on quality of life and identification of factors associated with outcomes in patients with symptomatic metastatic spinal cord compression. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 237-244.	1.7	12
40	Harvey Cushing's Repair of a Dural Defect After a Traumatic Brain Injury: Novel Use of a Fat Graft. <i>World Neurosurgery</i> , 2011, 75, 696-699.	1.3	11
41	A 5-Year Retrospective Analysis of Exposure to Ionizing Radiation by Neurosurgery Residents in the Modern Era. <i>World Neurosurgery</i> , 2016, 86, 220-225.	1.3	11
42	Complete Spondylectomy Using Orthogonal Spinal Fixation and Combined Anterior and Posterior Approaches for Thoracolumbar Spinal Reconstruction. <i>Clinical Spine Surgery</i> , 2017, 30, E466-E474.	1.3	11
43	Safety and Efficacy of Antibacterial Prophylaxis After Craniotomy: A Decision Model Analysis. <i>World Neurosurgery</i> , 2017, 105, 906-912.e5.	1.3	11
44	The impact of transsphenoidal surgery on neurocognitive function: A systematic review. <i>Journal of Clinical Neuroscience</i> , 2017, 42, 1-6.	1.5	10
45	Expandable Versus Static Cages in Minimally Invasive Lumbar Interbody Fusion: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2021, 151, e607-e614.	1.3	10
46	Association of Spinal Alignment Correction With Patient-Reported Outcomes in Adult Cervical Deformity: Review of the Literature. <i>Neurospine</i> , 2021, 18, 533-542.	2.9	10
47	Deep Learning for Adjacent Segment Disease at Preoperative MRI for Cervical Radiculopathy. <i>Radiology</i> , 2021, 301, 664-671.	7.3	10
48	Variations in referral patterns for hypophysectomies among pediatric patients with sellar and parasellar tumors. <i>Child's Nervous System</i> , 2010, 26, 305-311.	1.1	9
49	Prospective evaluation of preoperative stereotactic radiosurgery followed by delayed resection of a high grade arteriovenous malformation. <i>Journal of Clinical Neuroscience</i> , 2014, 21, 1077-1080.	1.5	9
50	The Dilemma of Early Postoperative Magnetic Resonance Imaging. <i>Neurosurgery</i> , 2014, 74, E335-E340.	1.1	9
51	Surgical management of ossification of the posterior longitudinal ligament in the cervical spine. <i>Journal of Clinical Neuroscience</i> , 2020, 72, 191-197.	1.5	9
52	Malleable Endoscope Increases Surgical Freedom Compared With a Rigid Endoscope in Endoscopic Endonasal Approaches to the Parasellar Region. <i>Operative Neurosurgery</i> , 2014, 10, 393-399.	0.8	8
53	Gravity-Dependent Supine Position for the Lateral Supracerebellar Infratentorial Approach. <i>Operative Neurosurgery</i> , 2016, 12, 317-325.	0.8	8
54	Headache Resolution After Rathke Cleft Cyst Resection: A Meta-Analysis. <i>World Neurosurgery</i> , 2018, 111, e764-e772.	1.3	8

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55	Single- versus Dual-Attending Surgeon Approach for Spine Deformity: A Systematic Review and Meta-Analysis. <i>Operative Neurosurgery</i> , 2021, 20, 233-241.	0.8	8
56	Cervical Spine Osteomyelitis: A Systematic Review of Instrumented Fusion in the Modern Era. <i>World Neurosurgery</i> , 2018, 120, e562-e572.	1.3	7
57	A History of the Council of State Neurosurgical Societies. <i>Neurosurgery</i> , 2017, 80, 146-157.	1.1	6
58	Safety of remifentanyl in transsphenoidal surgery: A single-center analysis of 540 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 38, 96-99.	1.5	6
59	The extended, transnasal, transsphenoidal approach for anterior skull base meningioma: considerations in patient selection. <i>Pituitary</i> , 2017, 20, 561-568.	2.9	6
60	Spontaneous Intracerebral Hemorrhage. <i>World Neurosurgery</i> , 2015, 84, 1191-1192.	1.3	5
61	Bolstering the Nasoseptal Flap Using Sphenoid Sinus Fat Packing: A Technical Case Report. <i>World Neurosurgery</i> , 2017, 99, 813.e1-813.e5.	1.3	5
62	Morbidity after traumatic spinal injury in pediatric and adolescent sports-related trauma. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 642-648.	1.7	5
63	Conservative Management vs Intervention for Unruptured Brain Arteriovenous Malformations. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1058.	7.4	4
64	Preoperative Stratification of Transsphenoidal Pituitary Surgery Patients Based on Surgical Urgency. <i>Neurosurgery</i> , 2017, 81, 659-664.	1.1	4
65	Root cause analysis of diagnostic and surgical failures in the treatment of suspected Cushing's disease. <i>Journal of Clinical Neuroscience</i> , 2018, 53, 153-159.	1.5	4
66	Outcomes of Minimally Invasive versus Open Surgery for Intermediate to High-grade Spondylolisthesis. <i>Spine</i> , 2020, 45, 1451-1458.	2.0	4
67	Adult spinal deformity surgery: a systematic review of venous thromboprophylaxis and incidence of venous thromboembolic events. <i>Neurosurgical Review</i> , 2020, 43, 923-930.	2.4	3
68	Association of venous thromboembolism following pediatric traumatic spinal injuries with injury severity and longer hospital stays. <i>Journal of Neurosurgery: Spine</i> , 2022, 36, 153-159.	1.7	3
69	Adult sports-related traumatic spinal injuries: do different activities predispose to certain injuries?. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-7.	1.7	3
70	Harvey Cushing's Innovative Attempt at Xenotransplanting a Rabbit Spinal Cord in a Patient After Resection of a Peripheral Nerve Tumor in 1902. <i>Neurosurgery</i> , 2011, 68, 773-780.	1.1	2
71	Identifying Patients at Risk for Vasospasm After Aneurysmal Subarachnoid Hemorrhage Using Genetic Sequencing. <i>World Neurosurgery</i> , 2015, 84, 1520-1521.	1.3	2
72	Current imaging techniques for the diagnosis of pituitary adenoma. <i>Expert Review of Endocrinology and Metabolism</i> , 2016, 11, 163-170.	2.4	2

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73	Trends in High-Impact Neurosurgical Randomized Controlled Trials Published in General Medical Journals: A Systematic Review. <i>World Neurosurgery</i> , 2019, 129, e158-e170.	1.3	2
74	Unexpected Resolution of a Symptomatic Tarlov Cyst Following Hysterectomy. <i>JAMA Neurology</i> , 2020, 77, 1032.	9.0	1
75	Comparison of Gross Tumor Resection Rate between Endoscopic Transsphenoidal Surgery versus Microscopic Transsphenoidal Surgery for Patients with Pituitary Adenomas: A Meta-Analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	1
76	Bilateral Synovial Cysts as a Rare Cause of Myelopathy in a 38-year-old Woman. <i>Cureus</i> , 2019, 11, e5377.	0.5	1
77	Microvascular Decompression of the Brainstem. <i>World Neurosurgery</i> , 2014, 82, e401-e402.	1.3	0
78	New Lesions on Diffusion-Weighted Imaging After Carotid Endarterectomy: A Measure of Surgical Quality. <i>World Neurosurgery</i> , 2014, 82, e91-e92.	1.3	0
79	Commentary: Cottonoid Sliders: A Simple and Cost-Effective Tool for Retractorless Intracranial Surgery. <i>Operative Neurosurgery</i> , 2020, 19, E432-E433.	0.8	0
80	Commentary: Minimally Invasive Posterior Cervical Foraminotomy Using 3-Dimensional Total Navigation: 2-Dimensional Operative Video. <i>Operative Neurosurgery</i> , 2020, 20, E139-E140.	0.8	0
81	Partially Cystic Lumbar Schwannoma with Atypical Histopathologic Features. <i>World Neurosurgery</i> , 2020, 138, 440-443.	1.3	0
82	Predictors of thoracic and lumbar spine injuries in patients with TBI: A nationwide analysis. <i>Injury</i> , 2021, , .	1.7	0
83	Efficacy of Transsphenoidal Surgery in Achieving Biochemical Cure of Growth Hormone-secreting Pituitary Adenomas Among Patients with Cavernous Sinus Invasion: A Systematic Review and Meta-analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
84	Headache Resolution after Rathke Cleft Cyst Resection: A Systematic Review and Meta-analysis. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
85	The Impact of Transsphenoidal Surgery on Neurocognitive Function: A Systematic Review. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, S1-S156.	0.8	0
86	Spinal level and cord involvement in the prediction of sepsis development after vertebral fracture repair for traumatic spinal injury. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 292-298.	1.7	0