

Piyush Kalakoti

List of Publications by Year in descending order

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Version: 2024-02-01

118
papers

1,475
citations

279798

23
h-index

377865

34
g-index

118
all docs

118
docs citations

118
times ranked

2397
citing authors

#	ARTICLE	IF	CITATIONS
1	Creutzfeldt-Jakob disease: updated diagnostic criteria, treatment algorithm, and the utility of brain biopsy. <i>Neurosurgical Focus</i> , 2015, 39, E2.	2.3	118
2	Opioid use following cervical spine surgery: trends and factors associated with long-term use. <i>Spine Journal</i> , 2018, 18, 1974-1981.	1.3	93
3	Opioid Utilization Following Lumbar Arthrodesis. <i>Spine</i> , 2018, 43, 1208-1216.	2.0	78
4	Spinal meningiomas: clinicoradiological factors predicting recurrence and functional outcome. <i>Neurosurgical Focus</i> , 2016, 41, E6.	2.3	63
5	Endoscopic Endonasal versus Microsurgical Transsphenoidal Approach for Growth Hormone-â€‘Secreting Pituitary Adenomasâ€‘ Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2017, 97, 398-406.	1.3	53
6	Outcome of resection of WHO Grade II meningioma and correlation of pathological and radiological predictive factors for recurrence. <i>Journal of Clinical Neuroscience</i> , 2016, 31, 112-121.	1.5	49
7	Inpatient Outcomes and Postoperative Complications After Primary Versus Revision Lumbar Spinal Fusion Surgeries for Degenerative Lumbar Disc Disease: A National (Nationwide) Inpatient Sample Analysis, 2002â€‘2011. <i>World Neurosurgery</i> , 2016, 85, 114-124.	1.3	49
8	An Analysis of Publication Productivity During Residency for 1506 Neurosurgical Residents and 117 Residency Departments in North America. <i>Neurosurgery</i> , 2019, 84, 857-867.	1.1	47
9	Impact of Hospital Caseload and Elective Admission on Outcomes After Extracranial-Intracranial Bypass Surgery. <i>World Neurosurgery</i> , 2017, 108, 716-728.	1.3	36
10	Predictors of unfavorable outcomes following deep brain stimulation for movement disorders and the effect of hospital case volume on outcomes: an analysis of 33, 642 patients across 234 US hospitals using the National (Nationwide) Inpatient Sample from 2002 to 2011. <i>Neurosurgical Focus</i> , 2015, 38, E4.	2.3	30
11	Adolescent idiopathic scoliosis: risk factors for complications and the effect of hospital volume on outcomes. <i>Neurosurgical Focus</i> , 2017, 43, E3.	2.3	30
12	Preoperative Chronic Opioid Therapy Negatively Impacts Long-term Outcomes Following Cervical Fusion Surgery. <i>Spine</i> , 2019, 44, 1279-1286.	2.0	30
13	Association of risk factors with unfavorable outcomes after resection of adult benign intradural spine tumors and the effect of hospital volume on outcomes: an analysis of 18, 297 patients across 774 US hospitals using the National Inpatient Sample (2002â€‘2011). <i>Neurosurgical Focus</i> , 2015, 39, E4.	2.3	28
14	Predictive Factors Determining the Overall Outcome of Primary Spinal Glioblastoma Multiforme: An Integrative Survival Analysis. <i>World Neurosurgery</i> , 2016, 86, 341-348.e3.	1.3	28
15	Early intervention in cauda equina syndrome associated with better outcomes: a myth or reality? Insights from the Nationwide Inpatient Sample database (2005â€‘2011). <i>Spine Journal</i> , 2017, 17, 1435-1448.	1.3	28
16	Associations of Baseline Frailty Status and Age With Outcomes in Patients Undergoing Vestibular Schwannoma Resection. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2021, 147, 608.	2.2	28
17	Prescription writing practices in a rural tertiary care hospital in Western Maharashtra, India. <i>Australasian Medical Journal</i> , 2011, 4, 4-8.	0.1	26
18	Pattern of injury in fatal road traffic accidents in a rural area of western. <i>Australasian Medical Journal</i> , 2013, 6, 476-482.	0.1	25

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19	Outcome of ventriculoperitoneal shunt and predictors of shunt revision in infants with posthemorrhagic hydrocephalus. <i>Child's Nervous System</i> , 2016, 32, 1405-1414.	1.1	25
20	Preparing for Bundled Payments in Cervical Spine Surgery. <i>Spine</i> , 2019, 44, 334-345.	2.0	25
21	Clinico-pathological profile of sinonasal masses: a study from a tertiary care hospital of India. <i>Acta Otorhinolaryngologica Italica</i> , 2011, 31, 372-7.	1.5	25
22	Speckle tracking echocardiography derived 2-dimensional myocardial strain predicts left ventricular function and mass regression in aortic stenosis patients undergoing aortic valve replacement. <i>International Journal of Cardiovascular Imaging</i> , 2013, 29, 797-808.	1.5	24
23	Craniotomy for Glioma Resection: A Predictive Model. <i>World Neurosurgery</i> , 2015, 83, 957-964.	1.3	24
24	Role of apolipoprotein E polymorphism as a prognostic marker in traumatic brain injury and neurodegenerative disease: a critical review. <i>Neurosurgical Focus</i> , 2015, 39, E3.	2.3	24
25	High-grade Gliomas Exhibit Higher Peritumoral Fractional Anisotropy and Lower Mean Diffusivity than Intracranial Metastases. <i>Frontiers in Surgery</i> , 2017, 4, 18.	1.4	23
26	A rare mitochondrial disorder: Leigh syndrome - a case report. <i>Italian Journal of Pediatrics</i> , 2010, 36, 62.	2.6	20
27	A cross-sectional study of socio-demographic determinants of recurrent diarrhoea among children under five of rural area of Western Maharashtra, India. <i>Australasian Medical Journal</i> , 2011, 4, 72-75.	0.1	20
28	A Predictive Model of Unfavorable Outcomes After Benign Intracranial Tumor Resection. <i>World Neurosurgery</i> , 2015, 84, 82-89.	1.3	20
29	The prevalence of anaemia and associated factors in rural Indian community.. <i>Australasian Medical Journal</i> , 0, , 276-280.	0.1	17
30	Microsurgical Clipping of Unruptured Intracranial Aneurysms: A Single Surgeon's Experience over 16 Years. <i>World Neurosurgery</i> , 2017, 100, 85-99.	1.3	17
31	Impact of Psychiatric Comorbidities on Short-Term Outcomes Following Intervention for Lumbar Degenerative Disc Disease. <i>Spine</i> , 2018, 43, 1363-1371.	2.0	17
32	National trends of incidence, treatment, and hospital charges of isolated C-2 fractures in three different age groups. <i>Neurosurgical Focus</i> , 2015, 38, E19.	2.3	15
33	Robert H. Pudenz (1911-1998) and Ventriculoatrial Shunt: Historical Perspective. <i>World Neurosurgery</i> , 2015, 84, 1437-1440.	1.3	14
34	Intra-operative micro-electrode recording in functional neurosurgery: Past, present, future. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 166-172.	1.5	14
35	Natalizumab-Associated Primary Central Nervous System Lymphoma. <i>World Neurosurgery</i> , 2018, 109, 152-159.	1.3	14
36	Superior Cerebellar Artery Aneurysms, the "Sui Generis" in Posterior Circulation: The Role of Microsurgery in the Endovascular Era. <i>World Neurosurgery</i> , 2016, 94, 229-238.	1.3	13

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37	Symptomatic echordosis physaliphora mimicking as an intracranial arachnoid cyst. <i>Journal of Clinical Neuroscience</i> , 2016, 28, 171-174.	1.5	13
38	Ear, Nose and Throat disorders in paediatric patients at a rural hospital in India. <i>Australasian Medical Journal</i> , 0, , 786-790.	0.1	12
39	Seven Intracranial Aneurysms in One Patient: Treatment and Review of Literature. <i>Journal of Cerebrovascular and Endovascular Neurosurgery</i> , 2015, 17, 113.	0.5	12
40	John Howship (1781â€“1841) and growing skull fracture: historical perspective. <i>Journal of Neurosurgery: Pediatrics</i> , 2015, 16, 472-476.	1.3	12
41	Role of radiological parameters in predicting overall shunt outcome after ventriculoperitoneal shunt insertion in pediatric patients with obstructive hydrocephalus. <i>Neurosurgical Focus</i> , 2016, 41, E4.	2.3	12
42	Revisiting racial disparities in access to surgical management of drug-resistant temporal lobe epilepsy post implementation of Affordable Care Act. <i>Clinical Neurology and Neurosurgery</i> , 2017, 158, 82-89.	1.4	12
43	Predictors of reoperation-free survival following decompression-alone lumbar spine surgery for on-the-job injuries. <i>Clinical Neurology and Neurosurgery</i> , 2015, 135, 41-45.	1.4	11
44	Treatment of vertebrobasilar fusiform aneurysms with Pipeline embolization device. <i>Interventional Neuroradiology</i> , 2015, 21, 434-440.	1.1	11
45	Medicaid payer status and other factors associated with hospital length of stay in patients undergoing primary lumbar spine surgery. <i>Clinical Neurology and Neurosurgery</i> , 2020, 188, 105570.	1.4	11
46	Factors Associated with Abducens Nerve Recovery in Patients Undergoing Surgical Resection of Sixth Nerve Schwannoma: A Systematic Review and Case Illustration. <i>World Neurosurgery</i> , 2017, 104, 883-899.	1.3	10
47	Impact of Prehospital Transportation on Survival in Skiers and Snowboarders with Traumatic Brain Injury. <i>World Neurosurgery</i> , 2017, 104, 909-918.e8.	1.3	10
48	An unusual branching pattern of common and external carotid artery in a human cadaver: a case report. <i>Australasian Medical Journal</i> , 2011, 4, 180-182.	0.1	9
49	Inpatient Outcomes After Elective Lumbar Spinal Fusion for Patients with Human Immunodeficiency Virus in the Absence of Acquired Immunodeficiency Syndrome. <i>World Neurosurgery</i> , 2018, 116, e913-e920.	1.3	8
50	Ralph Bingham Cloward (1908â€“2000): Spine Polymath. <i>World Neurosurgery</i> , 2016, 89, 562-567.	1.3	7
51	Impact of associated injuries in conjunction with fracture of the axis vertebra on inpatient outcomes and postoperative complications: a Nationwide Inpatient Sample analysis from 2002 to 2011. <i>Spine Journal</i> , 2016, 16, 491-503.	1.3	7
52	Proposing a validated clinical app predicting hospitalization cost for extracranial-intracranial bypass surgery. <i>PLoS ONE</i> , 2017, 12, e0186758.	2.5	7
53	An unusual case of congenital melanocytic nevus presenting as neurocutaneous melanoma coexisting with Tuberous Sclerosis complex: A case report. <i>Journal of Medical Case Reports</i> , 2011, 5, 267.	0.8	6
54	Clinicopathological Correlates in a <i><sc>PRNP</sc></i> P102L Mutation Carrier with Rapidly Progressing Parkinsonismâ€Dystonia. <i>Movement Disorders Clinical Practice</i> , 2016, 3, 355-358.	1.5	6

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55	Ayub Khan Ommaya (1930-2008): Legacy and Contributions to Neurosurgery. <i>Neurosurgery</i> , 2017, 80, 324-330.	1.1	6
56	What Are the Costs of Cervical Radiculopathy Prior to Surgical Treatment?. <i>Spine</i> , 2019, 44, 937-942.	2.0	6
57	Is Access to Outpatient Neurosurgery Affected by Narrow Insurance Networks? Results From Statewide Analysis of Marketplace Plans in Louisiana. <i>Neurosurgery</i> , 2019, 84, 50-59.	1.1	6
58	Elucidating the role of incidental use of beta-blockers in patients with metastatic brain tumors in controlling tumor progression and survivability. <i>Neurology India</i> , 2015, 63, 19.	0.4	5
59	Primary pituitary abscess in preadolescence mimicking a sellar mass. <i>Neurology India</i> , 2017, 65, 1167.	0.4	5
60	Re-emphasizing Thygeson's warning: conjunctival phlyctenulosis as presenting sign of impending clinical tuberculosis. <i>Canadian Journal of Ophthalmology</i> , 2014, 49, e135-e137.	0.7	4
61	Accuracy of CT angiography in detection of blood supply dominance of posterior cerebral artery in patients with posterior communicating artery aneurysm. <i>Neuroradiology Journal</i> , 2015, 28, 598-603.	1.2	4
62	Mythological and Prehistorical Origins of Neurosurgery. <i>World Neurosurgery</i> , 2016, 89, 568-573.	1.3	4
63	Cochlear implants in the etiopathogenesis of glioblastoma—an interesting observation or independent finding?. <i>Acta Neurochirurgica</i> , 2016, 158, 907-912.	1.7	4
64	Mirror Meningioma at Foramen Magnum: A Management Challenge. <i>World Neurosurgery</i> , 2016, 85, 364.e1-364.e4.	1.3	4
65	Supraorbital Approach for Resection of Clinoidal Meningioma. <i>World Neurosurgery</i> , 2018, 109, 295.	1.3	4
66	Blood-Brain Barrier Disruption During Neuroinflammation. , 2018, , 529-539.		4
67	Natural History of De Novo Aneurysm Formation in Patients with Treated Aneurysmatic Subarachnoid Hemorrhage: A Ten-Year Follow-Up. <i>World Neurosurgery</i> , 2019, 122, e291-e295.	1.3	4
68	Lazarus phenomenon in trauma. <i>Trauma Case Reports</i> , 2020, 25, 100280.	0.4	4
69	George Chance and Frank Holdsworth: Understanding Spinal Instability and the Evolution of Modern Spine Injury Classification Systems. <i>Neurosurgery</i> , 2020, 86, E509-E516.	1.1	4
70	Reaction: bilateral spermatocytic seminoma: an update on "synchronous" and "sequential" presentation of this rare variant of testicular tumour. <i>Pan African Medical Journal</i> , 2014, 17, 248.	0.8	3
71	Shprintzen-Goldberg syndrome presenting as umbilical hernia in an Indian child. <i>Australasian Medical Journal</i> , 2014, 7, 51-57.	0.1	3
72	Revisiting Traumatic Brain Injury in the Pediatric Population. <i>World Neurosurgery</i> , 2016, 91, 635-637.	1.3	3

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73	Symptomatic osteolipoma of the tuber cinereum masquerading as calcified retroclival mass. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1045-1051.	1.5	2
74	Unusual presentation of unilateral intra-orbital optic nerve pilocytic astrocytoma of the juvenile type in a geriatric patient. <i>Journal of Clinical Neuroscience</i> , 2016, 25, 143-144.	1.5	2
75	Lumbopleural Shunting as an Alternative Cerebrospinal Fluid Diversion Modality for Management of Idiopathic Intracranial Hypertension: Is It Time for a Change?. <i>World Neurosurgery</i> , 2016, 90, 632-635.	1.3	2
76	Resection of posterior clinoid meningioma through retrosigmoid approach: concepts and nuances. <i>Neurosurgical Focus</i> , 2017, 43, V5.	2.3	2
77	Cranium Bifidum Occultum Associated with Hypertelorism Treated with Posterior Vault Reconstruction and Orbital Box Osteotomies: Case Report and Technical Note. <i>World Neurosurgery</i> , 2017, 107, 40-46.	1.3	2
78	William Edward Gallie (1882â€“1959): father of the Gallie wiring technique for atlantoaxial arthrodesis. <i>Journal of Neurosurgery</i> , 2018, 128, 938-941.	1.6	2
79	The impact of location on the prognosis of squamous cell carcinomas of the anorectal region. <i>Journal of Surgical Research</i> , 2018, 231, 173-178.	1.6	2
80	Deformity correction using proximal hooks and distal screws (PHDSs) improves radiological metrics in adolescent idiopathic scoliosis. <i>European Spine Journal</i> , 2021, 30, 686-691.	2.2	2
81	Use of mobile applications in neurosurgery: Are we compromising on patient confidentiality and privacy?. <i>Neurology India</i> , 2015, 63, 641.	0.4	2
82	Elucidating the utility of neuro-navigation in reducing malposition rates in Ommaya reservoir placement: 23-year operative experience at the Louisiana State University. <i>Neurology India</i> , 2016, 64, 1195.	0.4	2
83	Sciatic Nerve Injection Palsy in Children. <i>Iranian Journal of Child Neurology</i> , 2016, 10, 86-87.	0.3	2
84	Ulnar nerve injury after a comminuted fracture of the humeral shaft from a high-velocity accident: a case report. <i>Journal of Medical Case Reports</i> , 2012, 6, 192.	0.8	1
85	Technical nuances of clipping a middle cerebral artery bifurcation aneurysm. <i>Neurosurgical Focus</i> , 2015, 39, V2.	2.3	1
86	Posterior interhemispheric approach and microsurgical resection of a pineal parenchymal neoplasm of intermediate differentiation. <i>Neurosurgical Focus</i> , 2016, 40, 1.	2.3	1
87	Mobile Apps and Neurosurgery. <i>World Neurosurgery</i> , 2016, 92, 571.	1.3	1
88	Psammomatous Cavernous Malformation Presenting as Drug-Resistant Epilepsy: Case Illustration and Review of Literature. <i>World Neurosurgery</i> , 2016, 93, 120-126.	1.3	1
89	Microsurgical Resection After Failed Gamma Knife Radiosurgery of Papillary Tumor of the Pineal Gland. <i>World Neurosurgery</i> , 2017, 105, 1031.e1.	1.3	1
90	Wednesday, September 26, 2018 2:00 PM â€“ 3:00 PM Surgery and Opioids. <i>Spine Journal</i> , 2018, 18, S37.	1.3	1

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91	142. Impact of preoperative chronic opioid therapy on long-term outcomes, reoperations, complications and resource utilization after lumbar arthrodesis. Spine Journal, 2019, 19, S68-S69.	1.3	1
92	145. Opioid utilization in adult idiopathic scoliosis after multilevel deformity correction: postoperative trends and factors associated with long-term use. Spine Journal, 2019, 19, S70.	1.3	1
93	Biomarkers of Seizure Activity in Patients With Intracranial Metastases and Gliomas: A Wide Range Study of Correlated Regions of Interest. Frontiers in Neurology, 2020, 11, 444.	2.4	1
94	Invalid presentation of bilateral synchronous presentation of spermatocytic seminoma. Pan African Medical Journal, 2014, 19, 34.	0.8	0
95	Microsurgical clipping following failed coiling of a giant ophthalmic aneurysm. Neurosurgical Focus, 2015, 38, Video16.	2.3	0
96	Predicting Venous Thromboembolism in Pediatric Trauma Patients. JAMA Surgery, 2016, 151, 881.	4.3	0
97	Microsurgical decompression of tumor of a rare posterior third ventricular pathology. Neurosurgical Focus, 2016, 40, 1.	2.3	0
98	Hospitalization After a Return Visit to the Emergency Department. JAMA - Journal of the American Medical Association, 2016, 316, 223.	7.4	0
99	A Political Case of Penetrating Cranial Trauma: The Injury of James Scott Brady. Neurosurgery, 2017, 81, 545-551.	1.1	0
100	One-piece Orbitozygomatic Craniotomy for Resection of Rathke's Cleft Cyst: Operative Video. Journal of Neurological Surgery, Part B: Skull Base, 2018, 79, S211-S212.	0.8	0
101	Thursday, September 27, 2018 1:05 PMâ€“2:05 PM Understanding Anxiety and Depression when Performing Spine Surgery. Spine Journal, 2018, 18, S58-S59.	1.3	0
102	Wednesday, September 26, 2018 3:35 PM â€“ 5:05 PM How to Avoid Complications. Spine Journal, 2018, 18, S46-S47.	1.3	0
103	Wednesday, September 26, 2018 1:00 PM â€“ 2:00 PM Navigation and Intraoperative Monitoring. Spine Journal, 2018, 18, S23.	1.3	0
104	Point of View on: â€œPredicting Likelihood of Surgery Prior to First Visit in Patients With Back and Lower Extremity Symptomsâ€. Spine, 2018, 43, 1306.	2.0	0
105	Wednesday, September 26, 2018 1:00 PM â€“ 2:00 PM Interventional Pain Management. Spine Journal, 2018, 18, S16-S17.	1.3	0
106	Wednesday, September 26, 2018 2:00 PM â€“ 3:00 PM Surgery and Opioids. Spine Journal, 2018, 18, S36.	1.3	0
107	Friday, September 28, 2018 10:30 AMâ€“12:00 PM abstracts: deformity: technical factors. Spine Journal, 2018, 18, S81-S82.	1.3	0
108	156. Forecasting spinal deformity health care burden and operative utilization in the United States from 2015 to 2040: an epidemiological-based autoregressive integrated moving average (ARIMA) computation modeling. Spine Journal, 2019, 19, S75-S76.	1.3	0

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109	Point of View. Spine, 2019, 44, 219.	2.0	0
110	Medical Complications in Neurosurgery. , 2019, , 13-16.		0
111	Complications After Epilepsy Surgery. , 2019, , 196-202.		0
112	60. Beta-lactam antibiotic surgical prophylaxis is safe in patients with self-reported penicillin allergies: a cohort study of lumbar spine surgery patients. Spine Journal, 2020, 20, S28-S29.	1.3	0
113	Facial features of a day old Indian neonate with Treacher Collins syndrome. Journal of Clinical Neonatology, 2014, 3, 230.	0.2	0
114	The Role of Anterior Circulation Patterns in Protecting from the Detrimental Effect of Vasospasm after Aneurysmal Sah due to Anterior Communicating Artery Rupture. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, .	0.8	0
115	Elucidating the Role of Incidental Use of Beta Blockers in Patients with Metastatic Brain Tumors in Controlling Tumor Progression and Survivability. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, .	0.8	0
116	Dual Treatment Modality of Surgical Clipping and Endovascular Coiling in Patient with Seven Intracranial Aneurysms: A Case Report. Journal of Neurological Surgery, Part B: Skull Base, 2015, 76, .	0.8	0
117	Utility of Magnetic Resonance Findings in Elucidating Structural and Functional Brain Impairment in Traumatic Brain Injury. , 2017, , 443-456.		0
118	Do the clinicoradiological outcomes of endoscopic fenestration for intracranial cysts count on age? An institutional experience. Neurology India, 2017, 65, 539.	0.4	0