

Ali Bydon

List of Publications by Year in descending order

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Version: 2024-02-01

123
papers

3,118
citations

117625

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197818

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all docs

124
docs citations

124
times ranked

3016
citing authors

#	ARTICLE	IF	CITATIONS
1	Implementation of an Automated Text Message-Based System for Tracking Patient-Reported Outcomes in Spine Surgery: An Overview of the Concept and Our Early Experience. <i>World Neurosurgery</i> , 2022, 158, e746-e753.	1.3	3
2	Risk factors for surgical intervention in patients with primary spinal infection on initial presentation. <i>Journal of Neurosurgery: Spine</i> , 2022, , 1-9.	1.7	2
3	Adoption of awake spine surgery – trends from a national registry over 14 years. <i>Spine Journal</i> , 2022, 22, 1601-1609.	1.3	9
4	Surgeon specialty effect on early outcomes of elective posterior spinal fusion for adolescent idiopathic scoliosis: a propensity-matched analysis of 965 patients. <i>European Spine Journal</i> , 2022, 31, 2355-2361.	2.2	2
5	Blast-Induced Traumatic Brain Injuries: Experience from the Deadliest Double Suicide Bombing Attack in Iraq. <i>World Neurosurgery</i> , 2021, 145, e192-e201.	1.3	2
6	Commentary: Minimally Invasive Transforaminal Lumbar Interbody Fusion for 2-Level Degenerative Lumbar Disease in Patients With Osteoporosis: Long-Term Clinical and Radiographic Outcomes. <i>Operative Neurosurgery</i> , 2021, 20, E396-E397.	0.8	1
7	Aortic injury in spine surgery – What a spine surgeon needs to know. <i>Neurosurgical Review</i> , 2021, 44, 3189-3196.	2.4	3
8	Does Myelopathy Increase the Morbidity and Mortality of Elective Single-Level Anterior Cervical Discectomy and Fusion? An Updated Propensity-Matched Analysis of 3938 Patients From the American College of Surgeons National Surgical Quality Improvement Program Database. <i>Neurosurgery</i> , 2021, 89, 109-115.	1.1	9
9	Management of syringomyelia associated with tuberculous meningitis: A case report and systematic review of the literature. <i>Journal of Clinical Neuroscience</i> , 2021, 87, 20-25.	1.5	2
10	Influence of Sex on Early Outcomes of Elective Lumbar Fusions: An Updated Propensity-Matched and Subgroup Analysis. <i>World Neurosurgery</i> , 2021, 150, e388-e399.	1.3	6
11	Association of Race with Early Outcomes of Elective Posterior Spinal Fusion for Adolescent Idiopathic Scoliosis: Propensity-Matched and Subgroup Analysis. <i>World Neurosurgery</i> , 2021, 150, e176-e181.	1.3	5
12	Predictors of an academic career among fellowship-trained spinal neurosurgeons. <i>Journal of Neurosurgery: Spine</i> , 2021, , 1-8.	1.7	6
13	Surgical Decompression for Cervical Spondylotic Myelopathy in Patients with Associated Hypertension: A Single-Center Retrospective Cohort and Systematic Review of the Literature. <i>World Neurosurgery</i> , 2021, 155, e119-e130.	1.3	2
14	Does the Specialty of the Surgeon Performing Elective Anterior/Lateral Lumbar Interbody Fusion for Degenerative Spine Disease Correlate with Early Perioperative Outcomes?. <i>World Neurosurgery</i> , 2021, 155, e111-e118.	1.3	5
15	Isolated aneurysms of the spinal circulation: a systematic review of the literature. <i>Neurosurgical Review</i> , 2021, , 1.	2.4	1
16	Surgical Stabilization for Patients with Mechanical Back Pain Secondary to Metastatic Spinal Disease is Associated with Improved Objective Mobility Metrics: Preliminary Analysis in a Cohort of 26 Patients. <i>World Neurosurgery</i> , 2021, 153, e28-e35.	1.3	1
17	Effect of patient's sex on early perioperative outcomes following anterior cervical discectomy and fusion. <i>Journal of Clinical Neuroscience</i> , 2021, 93, 247-252.	1.5	2
18	Commentary: Prophylactic Low-Molecular-Weight Heparin Versus Unfractionated Heparin in Spine surgery (PLUSS): A Pilot Matched Cohort Study. <i>Neurosurgery</i> , 2021, Publish Ahead of Print, e13-e14.	1.1	1

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19	Early Outcomes of Elective Anterior Cervical Discectomy and Fusion for Degenerative Spine Disease Correlate With the Specialty of the Surgeon Performing the Procedure. <i>Neurosurgery</i> , 2021, Publish Ahead of Print, 99-105.	1.1	5
20	Spinal cord float back is not an independent predictor of postoperative C5 palsy in patients undergoing posterior cervical decompression. <i>Spine Journal</i> , 2020, 20, 266-275.	1.3	10
21	Horner Syndrome After Anterior Cervical Discectomy and Fusion: Case Series and Systematic Review. <i>World Neurosurgery</i> , 2020, 133, e68-e75.	1.3	6
22	Educational Program Rankings Are Independently Associated With Residents' Academic Career Trajectory in Neurological Surgery. <i>Journal of Surgical Education</i> , 2020, 77, 1312-1320.	2.5	9
23	COVID-19 and the central nervous system. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106116.	1.4	42
24	The F2RaD Score: A Novel Prediction Score and Calculator Tool to Identify Patients at Risk of Postoperative C5 Palsy. <i>Operative Neurosurgery</i> , 2020, 19, 582-588.	0.8	5
25	Scoring System to Triage Patients for Spine Surgery in the Setting of Limited Resources: Application to the Coronavirus Disease 2019 (COVID-19) Pandemic and Beyond. <i>World Neurosurgery</i> , 2020, 140, e373-e380.	1.3	15
26	Robotic Spine Surgery: Current State in Minimally Invasive Surgery. <i>Global Spine Journal</i> , 2020, 10, 34S-40S.	2.3	47
27	Utility of Posterior Longitudinal Ligament Resection During Anterior Cervical Decompression for Radiculopathy. <i>World Neurosurgery</i> , 2020, 137, e425-e429.	1.3	3
28	Prediction calculator for nonroutine discharge and length of stay after spine surgery. <i>Spine Journal</i> , 2020, 20, 1154-1158.	1.3	29
29	Time to recovery predicted by the severity of postoperative C5 palsy. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 191-199.	1.7	18
30	Use of Recombinant Human Bone Morphogenetic Protein-2 at the C1-C2 Lateral Articulation without Posterior Structural Bone Graft in Posterior Atlantoaxial Fusion in Adult Patients. <i>World Neurosurgery</i> , 2019, 123, e69-e76.	1.3	3
31	Synovial Cyst as a Marker for Lumbar Instability: A Systematic Review and Meta-Analysis. <i>World Neurosurgery</i> , 2019, 122, e1059-e1068.	1.3	27
32	A retrospective cohort analysis of the effects of renin-angiotensin system inhibitors on spinal fusion in ACDF patients. <i>Spine Journal</i> , 2019, 19, 1354-1361.	1.3	1
33	Preoperative Clinical and Radiographic Variables Predict Postoperative C5 Palsy. <i>World Neurosurgery</i> , 2019, 127, e585-e592.	1.3	12
34	Diagnostic and therapeutic values of intraoperative electrophysiological neuromonitoring during resection of intradural extramedullary spinal tumors: a single-center retrospective cohort and meta-analysis. <i>Journal of Neurosurgery: Spine</i> , 2019, 30, 839-849.	1.7	15
35	First spine surgery utilizing real-time image-guided robotic assistance. <i>Computer Assisted Surgery</i> , 2019, 24, 13-17.	1.3	26
36	Reoperation for Proximal Adjacent Segment Pathology in Posterior Cervical Fusion Constructs that Fuse to C2 vs C3. <i>Neurosurgery</i> , 2019, 85, E520-E526.	1.1	12

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37	Commentary: Chlorhexidine Showers are Associated With a Reduction in Surgical Site Infection Following Spine Surgery: An Analysis of 4266 Consecutive Surgeries. <i>Neurosurgery</i> , 2019, 85, E1006-E1007.	1.1	1
38	Safety Profile of Lumbosacropelvic Fixation in Patients Aged 60 Years or Older. <i>Clinical Spine Surgery</i> , 2019, 32, E200-E205.	1.3	10
39	Iatrogenic Spondylolisthesis Following Open Lumbar Laminectomy: Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2018, 113, e383-e390.	1.3	32
40	Commentary: Chlorhexidine Showers are Associated With a Reduction in Surgical Site Infection Following Spine Surgery: An Analysis of 4266 Consecutive Surgeries. <i>Neurosurgery</i> , 2018, , .	1.1	0
41	Pedicle screw accuracy assessment in ExcelsiusGPS® robotic spine surgery: evaluation of deviation from pre-planned trajectory. <i>Chinese Neurosurgical Journal</i> , 2018, 4, 23.	0.9	44
42	Technique: open lumbar decompression and fusion with the Excelsius GPS robot. <i>Neurosurgical Focus</i> , 2018, 45, V6.	2.3	37
43	Use of S2-Alar-iliac Screws Associated With Less Complications Than Iliac Screws in Adult Lumbosacropelvic Fixation. <i>Spine</i> , 2017, 42, E142-E149.	2.0	109
44	Bone graft options for spinal fusion following resection of spinal column tumors: systematic review and meta-analysis. <i>Neurosurgical Focus</i> , 2017, 42, E16.	2.3	23
45	Duration of indwelling drain following instrumented posterolateral fusion of the lumbar spine does not predict surgical site infection requiring reoperation. <i>Journal of Clinical Neuroscience</i> , 2017, 40, 44-48.	1.5	6
46	Intraoperative spinal digital subtraction angiography: indications, technique, safety, and clinical impact. <i>Journal of NeuroInterventional Surgery</i> , 2017, 9, 601-607.	3.3	18
47	Readmissions After Surgical Resection of Metastatic Tumors of the Spine at a Single Institution. <i>World Neurosurgery</i> , 2017, 101, 695-701.e1.	1.3	22
48	The Nationwide Burden of Neurological Conditions Requiring Emergency Neurosurgery. <i>Neurosurgery</i> , 2017, 81, 422-431.	1.1	10
49	Comparison Between S2-Alar-Iliac Screw Fixation and Iliac Screw Fixation in Adult Deformity Surgery: Reoperation Rates and Spinopelvic Parameters. <i>Global Spine Journal</i> , 2017, 7, 672-680.	2.3	49
50	Prognostic Value of Preoperative Nurick Grade and Time with Symptoms in Patients with Cervical Myelopathy and Gait Impairment. <i>World Neurosurgery</i> , 2017, 105, 314-320.	1.3	7
51	The Effect of Smoking Status on Successful Arthrodesis After Lumbar Instrumentation Supplemented with rhBMP-2. <i>World Neurosurgery</i> , 2017, 97, 459-464.	1.3	14
52	The incidence of adjacent segment disease after lumbar discectomy: A study of 751 patients. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 42-46.	1.5	25
53	Relationship between depression and clinical outcome following anterior cervical discectomy and fusion. <i>Journal of Spine Surgery</i> , 2017, 3, 133-140.	1.2	28
54	<i>Streptococcus intermedius</i> : an unusual cause of spinal epidural abscess. <i>Journal of Spine Surgery</i> , 2017, 3, 243-249.	1.2	8

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55	Iatrogenic Spinal Subdural Extra-Arachnoid Hygroma Following Uncomplicated Lumbar Decompression. <i>Cureus</i> , 2017, 9, e1171.	0.5	15
56	The effect of preoperative diagnosis on the incidence of adjacent segment disease after lumbar fusion. <i>Journal of Neurosurgical Sciences</i> , 2017, 62, 4-9.	0.6	7
57	Utility of the LevelCheck Algorithm for Decision Support in Vertebral Localization. <i>Spine</i> , 2016, 41, E1249-E1256.	2.0	18
58	The "patient experience" a quality metric to be aware of. <i>Spine Journal</i> , 2016, 16, 1290-1291.	1.3	7
59	Thirty day postoperative outcomes following anterior lumbar interbody fusion using the national surgical quality improvement program database. <i>Clinical Neurology and Neurosurgery</i> , 2016, 143, 126-131.	1.4	24
60	Deep-wound and organ-space infection after surgery for degenerative spine disease: an analysis from 2006 to 2012. <i>Neurological Research</i> , 2016, 38, 117-123.	1.3	46
61	Surgical Outcomes in Patients with High Spinal Instability Neoplasm Score Secondary to Spinal Giant Cell Tumors. <i>Global Spine Journal</i> , 2016, 6, 21-28.	2.3	19
62	rhBMP-2 protects against reoperation for pseudoarthrosis and/or instrumentation failure: A matched case-control study of 448 patients. <i>Journal of Clinical Neuroscience</i> , 2016, 32, 99-103.	1.5	6
63	S2-Alar-Iliac Screws are Associated with Lower Rate of Symptomatic Screw Prominence than Iliac Screws: Radiographic Analysis of Minimal Distance from Screw Head to Skin. <i>World Neurosurgery</i> , 2016, 93, 253-260.	1.3	50
64	Clinical, surgical, and molecular prognostic factors for survival after spinal sarcoma resection. <i>Neurosurgical Focus</i> , 2016, 41, E9.	2.3	14
65	Total en bloc spondylectomy for locally aggressive and primary malignant tumors of the lumbar spine. <i>European Spine Journal</i> , 2016, 25, 4080-4087.	2.2	65
66	Time to Surgery and Outcomes in Cauda Equina Syndrome: An Analysis of 45 Cases. <i>World Neurosurgery</i> , 2016, 87, 110-115.	1.3	13
67	Manual muscle test at C5 palsy onset predicts the likelihood of and time to C5 palsy resolution. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 112-116.	1.5	13
68	Primary lesion location influences postoperative survival in patients with metastatic colorectal spinal lesions. <i>Journal of Clinical Neuroscience</i> , 2016, 25, 84-89.	1.5	4
69	Successful anterior fusion following posterior cervical fusion for revision of anterior cervical discectomy and fusion pseudoarthrosis. <i>Journal of Clinical Neuroscience</i> , 2016, 24, 57-62.	1.5	24
70	Management of Cerebrospinal Fluid Leakage During Anterior Cervical Discectomy and Fusion and Its Effect on Spinal Fusion. <i>World Neurosurgery</i> , 2016, 89, 636-640.	1.3	18
71	Postoperative survival and functional outcomes for patients with metastatic gynecological cancer to the spine: case series and review of the literature. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 131-144.	1.7	14
72	Hemorrhagic thoracic schwannoma presenting with intradural hematoma and acute paraplegia after spinal manipulation therapy. <i>International Journal of Spine Surgery</i> , 2016, 10, 42.	1.5	10

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73	Instrumented fusion in the setting of primary spinal infection. Journal of Neurosurgical Sciences, 2016, 61, 64-76.	0.6	3
74	Thoracic pneumorachis. Spine Journal, 2015, 15, e49-e50.	1.3	0
75	Maintenance of bowel, bladder, and motor functions after sacrectomy. Spine Journal, 2015, 15, 222-229.	1.3	48
76	Durotomy is associated with pseudoarthrosis following lumbar fusion. Journal of Clinical Neuroscience, 2015, 22, 544-548.	1.5	15
77	Regression of an atlantoaxial rheumatoid pannus following posterior instrumented fusion. Clinical Neurology and Neurosurgery, 2015, 137, 28-33.	1.4	12
78	Tokuhashi score is predictive of survival in a cohort of patients undergoing surgery for renal cell carcinoma spinal metastases. European Spine Journal, 2015, 24, 2142-2149.	2.2	10
79	Impact of resident participation on morbidity and mortality in neurosurgical procedures: an analysis of 16,098 patients. Journal of Neurosurgery, 2015, 122, 955-961.	1.6	57
80	Soft-tissue reconstruction after total en bloc sacrectomy. Journal of Neurosurgery: Spine, 2015, 22, 571-581.	1.7	43
81	Posterolateral fusion with interbody for lumbar spondylolisthesis is associated with less repeat surgery than posterolateral fusion alone. Clinical Neurology and Neurosurgery, 2015, 138, 117-123.	1.4	43
82	Natural history and treatment of craniocervical junction dural arteriovenous fistulas. Journal of Clinical Neuroscience, 2015, 22, 1701-1707.	1.5	71
83	The cost-effectiveness of interbody fusions versus posterolateral fusions in 137 patients with lumbar spondylolisthesis. Spine Journal, 2015, 15, 492-498.	1.3	51
84	Clinical and surgical outcomes after lumbar laminectomy: An analysis of 500 patients. , 2015, 6, 190.		40
85	Spinal Instrumentation in Patients with Primary Spinal Infections Does Not Lead to Greater Recurrent Infection Rates: An Analysis of 118 Cases. World Neurosurgery, 2014, 82, e807-e814.	1.3	53
86	Mycotic aneurysm and fungal spinal abscess due to tainted steroid injection. British Journal of Neurosurgery, 2014, 28, 416-417.	0.8	1
87	Incidence and Clinical Significance of Vascular Encroachment Resulting From Freehand Placement of Pedicle Screws in the Thoracic and Lumbar Spine. Spine, 2014, 39, 683-687.	2.0	58
88	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion. Spine, 2014, 39, 120-126.	2.0	58
89	Adjacent segment disease after anterior cervical discectomy and fusion: Incidence and clinical outcomes of patients requiring anterior versus posterior repeat cervical fusion. , 2014, 5, 74.		36
90	Biomechanical impact of C2 pedicle screw length in an atlantoaxial fusion construct. , 2014, 5, 343.		6

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91	Fluorescent techniques in spine surgery. Neurological Research, 2014, 36, 928-938.	1.3	14
92	Gold fiducials are a unique marker for localization in the thoracic spine: a cost comparison with percutaneous vertebroplasty. Neurological Research, 2014, 36, 925-927.	1.3	5
93	The role of spinal fusion in the treatment of cervical synovial cysts: a series of 17 cases and meta-analysis. Journal of Neurosurgery: Spine, 2014, 21, 919-928.	1.7	16
94	Long-term patient outcomes after posterior cervical foraminotomy: an analysis of 151 cases. Journal of Neurosurgery: Spine, 2014, 21, 727-731.	1.7	64
95	L4 and L5 Spondylectomy for En Bloc Resection of Giant Cell Tumor and Review of the Literature. Evidence-based Spine-care Journal, 2014, 05, 151-157.	0.9	12
96	Incidence and Prognostic Factors of C5 Palsy. Neurosurgery, 2014, 74, 595-605.	1.1	98
97	Post-surgical thoracic pseudomeningocele causing spinal cord compression. Journal of Clinical Neuroscience, 2014, 21, 367-372.	1.5	24
98	Development of postoperative C5 palsy is associated with wider posterior decompressions: an analysis of 41 patients. Spine Journal, 2014, 14, 2861-2867.	1.3	40
99	Long-term outcomes after non-instrumented lumbar arthrodesis. Journal of Clinical Neuroscience, 2014, 21, 1393-1397.	1.5	8
100	Spontaneous regression of sequestered lumbar disc herniations: Literature review. Clinical Neurology and Neurosurgery, 2014, 120, 136-141.	1.4	71
101	Accuracy of C2 pedicle screw placement using the anatomic freehand technique. Clinical Neurology and Neurosurgery, 2014, 125, 24-27.	1.4	36
102	Concurrent neoadjuvant chemotherapy is an independent risk factor of stroke, all-cause morbidity, and mortality in patients undergoing brain tumor resection. Journal of Clinical Neuroscience, 2014, 21, 1895-1900.	1.5	19
103	Surgical outcomes of craniocervical junction meningiomas: A series of 22 consecutive patients. Clinical Neurology and Neurosurgery, 2014, 117, 71-79.	1.4	17
104	The Current Role of Steroids in Acute Spinal Cord Injury. World Neurosurgery, 2014, 82, 848-854.	1.3	89
105	Adjacent Segment Disease After Anterior Cervical Discectomy and Fusion in a Large Series. Neurosurgery, 2014, 74, 139-146.	1.1	77
106	Treatment of Spinal Synovial Cysts. World Neurosurgery, 2013, 79, 375-380.	1.3	30
107	Safety of spinal decompression using an ultrasonic bone curette compared with a high-speed drill: outcomes in 337 patients. Journal of Neurosurgery: Spine, 2013, 18, 627-633.	1.7	48
108	Midline synovial and ganglion cysts causing neurogenic claudication. World Journal of Clinical Cases, 2013, 1, 285.	0.8	8

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109	The Impact of Provider Volume on the Outcomes After Surgery for Lumbar Spinal Stenosis. <i>Neurosurgery</i> , 2012, 70, 1346-1354.	1.1	70
110	The Impact of Weekend Hospital Admission on the Timing of Intervention and Outcomes After Surgery for Spinal Metastases. <i>Neurosurgery</i> , 2012, 70, 586-593.	1.1	22
111	Renal Osteodystrophy: Neurosurgical Considerations and Challenges. <i>World Neurosurgery</i> , 2012, 78, 191.e23-191.e33.	1.3	13
112	Microdiscectomy Improves Pain-Associated Depression, Somatic Anxiety, and Mental Well-Being in Patients With Herniated Lumbar Disc. <i>Neurosurgery</i> , 2012, 70, 306-311.	1.1	41
113	The impact of insurance status on outcomes after surgery for spinal metastases. <i>Cancer</i> , 2012, 118, 4833-4841.	4.1	45
114	The impact of July hospital admission on outcome after surgery for spinal metastases at academic medical centers in the United States, 2005 to 2008. <i>Cancer</i> , 2012, 118, 1429-1438.	4.1	36
115	Hemorrhagic Synovial Cyst: The Possible Role of Initial Trauma and Subsequent Microtrauma in Its Pathogenesis: Case Report. <i>Neurosurgery</i> , 2011, 68, E858-E865.	1.1	24
116	Harvey Cushing, the Spine Surgeon. <i>Spine</i> , 2011, 36, 1420-1425.	2.0	6
117	Factors Associated With Recurrent Back Pain and Cyst Recurrence After Surgical Resection of One Hundred Ninety-Five Spinal Synovial Cysts. <i>Spine</i> , 2010, 35, 1044-1053.	2.0	84
118	Preoperative Radiographic Factors and Surgeon Experience Are Associated With Cortical Breach of C2 Pedicle Screws. <i>Journal of Spinal Disorders and Techniques</i> , 2010, 23, 9-14.	1.9	56
119	Surgical Mystery. <i>Spine</i> , 2010, 35, E867-E872.	2.0	5
120	Spinal Epidural Abscess: Current Diagnosis and Management. <i>Current Infectious Disease Reports</i> , 2010, 12, 484-491.	3.0	46
121	Recurrent back and leg pain and cyst reformation after surgical resection of spinal synovial cysts: systematic review of reported postoperative outcomes. <i>Spine Journal</i> , 2010, 10, 820-826.	1.3	112
122	Intraoperative indocyanine green angiography for obliteration of a spinal dural arteriovenous fistula. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 705-709.	1.7	49
123	Surgical treatment of cervical spondylotic myelopathy with anterior compression: a review of 67 cases. <i>Journal of Neurosurgery: Spine</i> , 2008, 9, 152-157.	1.7	70