Addisu Mesfin

List of Publications by Year in descending order

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138 papers

2,498 citations

218677
26
h-index

265206 42 g-index

140 all docs 140 docs citations

140 times ranked 2854 citing authors

#	Article	IF	CITATIONS
1	Proximal Junctional Kyphosis Results in Inferior SRS Pain Subscores in Adult Deformity Patients. Spine, 2013, 38, 896-901.	2.0	140
2	Complications and readmission after lumbar spine surgery in elderly patients: an analysis of 2,320 patients. Spine Journal, 2017, 17, 1106-1112.	1.3	130
3	Correlation of PROMIS Physical Function and Pain CAT Instruments With Oswestry Disability Index and Neck Disability Index in Spine Patients. Spine, 2016, 41, 1153-1159.	2.0	110
4	High-Dose rhBMP-2 for Adults: Major and Minor Complications. Journal of Bone and Joint Surgery - Series A, 2013, 95, 1546-1553.	3.0	93
5	Ossification of the Posterior Longitudinal Ligament: Etiology, Diagnosis, and Outcomes of Nonoperative and Operative Management. Global Spine Journal, 2016, 6, 195-204.	2.3	88
6	Stereotactic Body Radiotherapy for Spinal Metastases. Spine, 2016, 41, S238-S245.	2.0	68
7	National trends in the management of central cord syndrome: an analysis of 16,134 patients. Spine Journal, 2015, 15, 435-442.	1.3	58
8	$TGF\hat{I}^2\text{-}induced$ degradation of TRAF3 in mesenchymal progenitor cells causes age-related osteoporosis. Nature Communications, 2019, 10, 2795.	12.8	57
9	Management of Metastatic Cervical Spine Tumors. Journal of the American Academy of Orthopaedic Surgeons, The, 2015, 23, 38-46.	2.5	55
10	Traumatic and Nontraumatic Spinal Cord Injuries. World Neurosurgery, 2018, 111, e142-e148.	1.3	52
11	The Prevalence of Klippel-Feil Syndrome: A Computed Tomography–Based Analysis of 2,917 Patients. Spine Deformity, 2018, 6, 448-453.	1.5	52
12	Predicting Neurologic Recovery after Surgery in Patients with Deficits Secondary to MESCC. Spine, 2016, 41, S224-S230.	2.0	50
13	Patientâ€reported outcomes use during orthopaedic surgery clinic visits improves the patient experience. Musculoskeletal Care, 2019, 17, 120-125.	1.4	48
14	Online Reviews of Orthopedic Surgeons: An Emerging Trend. Orthopedics, 2015, 38, e257-62.	1.1	48
15	Online ratings of orthopedic surgeons: analysis of 2185 reviews. American Journal of Orthopedics, 2014, 43, 359-63.	0.7	48
16	Changing the Adverse Event Profile in Metastatic Spine Surgery. Spine, 2016, 41, S262-S270.	2.0	46
17	Complications and Readmission After Cervical Spine Surgery in Elderly Patients: An Analysis of 1786 Patients. World Neurosurgery, 2017, 103, 859-868.e8.	1.3	44
18	Total En Bloc Spondylectomy for Primary and Metastatic Spine Tumors. Orthopedics, 2015, 38, e995-e1000.	1,1	42

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19	Immunotherapy synergizes with debridement and antibiotic therapy in a murine 1â€stage exchange model of MRSA implantâ€associated osteomyelitis. Journal of Orthopaedic Research, 2018, 36, 1590-1598.	2.3	37
20	Delayed esophageal perforation after anterior cervical fusion and retropharyngeal steroid use: a report of two cases. Spine Journal, 2015, 15, e75-e80.	1.3	36
21	Ten-year clinical and imaging follow-up of dural ectasia in adults with Marfan syndrome. Spine Journal, 2013, 13, 62-67.	1.3	35
22	Upper Cervical Epidural Abscess in Clinical Practice: Diagnosis and Management. Global Spine Journal, 2016, 6, 383-393.	2.3	34
23	Spinal Cord Injury in the Geriatric Population: Risk Factors, Treatment Options, and Long-Term Management. Geriatric Orthopaedic Surgery and Rehabilitation, 2017, 8, 115-118.	1.4	34
24	Evaluating the Correlation and Performance of PROMIS to SRS Questionnaires in Adult and Pediatric Spinal Deformity Patients. Spine Deformity, 2019, 7, 118-124.	1.5	33
25	Online Ratings of Spine Surgeons. Spine, 2018, 43, E722-E726.	2.0	31
26	Determining the Generalizability of the PROMIS Depression Domain's Floor Effect and Completion Time in Patients Undergoing Orthopaedic Surgery. Clinical Orthopaedics and Related Research, 2019, 477, 2215-2225.	1.5	31
27	Preoperative Patient Reported Outcomes Measurement Information System Scores Assist in Predicting Early Postoperative Success in Lumbar Discectomy. Spine, 2019, 44, 325-333.	2.0	30
28	Dropped Head Syndrome. JBJS Reviews, 2020, 8, e0068-e0068.	2.0	27
29	National Trends and Complications in the Surgical Management of Ossification of the Posterior Longitudinal Ligament (OPLL). Spine, 2019, 44, 1550-1557.	2.0	25
30	Spinal Cord Injury From Spinal Tumors: Prevalence, Management, and Outcomes. World Neurosurgery, 2019, 122, e1551-e1556.	1.3	24
31	Surgical management of spinal fractures in ankylosing spondylitis. Journal of Spine Surgery, 2018, 4, 501-508.	1.2	23
32	Physician-Review Websites in Orthopaedic Surgery. JBJS Reviews, 2020, 8, e0158-e0158.	2.0	23
33	Cervical Scoliosis: Clinical and Radiographic Outcomes. Global Spine Journal, 2016, 6, 7-13.	2.3	22
34	Traumatic spinal cord injuries in geriatric population: etiology, management, and complications. Journal of Spine Surgery, 2019, 5, 38-45.	1.2	22
35	Do PROMIS Physical Function, Pain Interference, and Depression Correlate to the Oswestry Disability Index and Neck Disability Index in Spine Trauma Patients?. Spine, 2020, 45, 764-769.	2.0	22
36	Optimizing the Adverse Event and HRQOL Profiles in the Management of Primary Spine Tumors. Spine, 2016, 41, S212-S217.	2.0	22

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37	Cervical Ossification of the Posterior Longitudinal Ligament: A Computed Tomography–Based Epidemiological Study of 2917 Patients. Global Spine Journal, 2019, 9, 820-825.	2.3	21
38	Cervical Lordosis Actually Increases With Aging and Progressive Degeneration in Spinal Deformity Patients. Spine Deformity, 2014, 2, 410-414.	1.5	20
39	Surgical outcomes of long spinal fusions for scoliosis in adult patients with rheumatoid arthritis. Journal of Neurosurgery: Spine, 2015, 22, 367-373.	1.7	20
40	Publication Rate of Paper Presentations From the Cervical Spine Research Society Annual Meeting. Spine, 2015, 40, 699-702.	2.0	20
41	Comparison of adult spinal deformity patients with and without rheumatoid arthritis undergoing primary non-cervical spinal fusion surgery: a nationwide analysis of 52,818 patients. Spine Journal, 2018, 18, 1861-1866.	1.3	20
42	Does preoperative narcotic use adversely affect outcomes and complications after spinal deformity surgery? A comparison of nonnarcotic-with narcotic-using groups. Spine Journal, 2014, 14, 2819-2825.	1.3	19
43	Five-year publication rate of podium presentations at SICOT Annual Conference: an observational study and new objective proposal of conference power. Sicot-j, 2017, 3, 36.	1.8	19
44	Outcomes Following Surgical Management of Cauda Equina Syndrome: Does Race Matter?. Journal of Racial and Ethnic Health Disparities, 2018, 5, 287-292.	3.2	19
45	Chordoma of the mobile spine and sacrum: clinical management and prognosis. Journal of Spine Surgery, 2018, 4, 546-552.	1.2	19
46	Intrawound Vancomycin Powder for Spine Tumor Surgery. Global Spine Journal, 2016, 6, 207-211.	2.3	18
47	Greater Socioeconomic Disadvantage Is Associated with Worse Symptom Severity at Initial Presentation in Patients Seeking Care for Lumbar Disc Herniation. Spine, 2021, 46, 464-471.	2.0	18
48	An Evaluation of PROMIS in Patients With Primary or Metastatic Spine Tumors. Spine, 2019, 44, 747-752.	2.0	17
49	Trends in spinal deformity surgery in Marfan syndrome. Spine Journal, 2019, 19, 1934-1940.	1.3	16
50	Outcomes of Halo Immobilization for Cervical Spine Fractures. Global Spine Journal, 2019, 9, 521-526.	2.3	16
51	Proximal Junctional Kyphosis. JBJS Reviews, 2019, 7, e4-e4.	2.0	16
52	Manuscript characteristics associated with the altmetrics score and social media presence: an analysis of seven spine journals. Spine Journal, 2021, 21, 548-554.	1.3	16
53	The Top 100 Cited Papers in Health Care Disparities: a Bibliometric Analysis. Journal of Racial and Ethnic Health Disparities, 2017, 4, 854-865.	3.2	15
54	National Trends in Spinal Fusion Surgery for Neurofibromatosis. Spine Deformity, 2018, 6, 712-718.	1.5	14

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55	The Top 50 Most-Cited Articles on Thoracolumbar Fractures. World Neurosurgery, 2018, 118, e699-e706.	1.3	14
56	Failure of Cement-Augmented Pedicle Screws in the Osteoporotic Spine. Geriatric Orthopaedic Surgery and Rehabilitation, 2013, 4, 84-88.	1.4	13
57	Cross-Sectional Survey Results on Mental Health Among Orthopedic Surgery Residents Across North America. Journal of Surgical Education, 2019, 76, 1484-1491.	2.5	13
58	Factors Influencing Resident Satisfaction and Fellowship Selection in Orthopaedic Training Programs. Journal of Bone and Joint Surgery - Series A, 2019, 101, e46.	3.0	13
59	National Trends in Spinal Fusion Surgery For Scheuermann Kyphosis. Spine Deformity, 2015, 3, 52-56.	1.5	12
60	Can Osteoblastoma Evolve to Malignancy? A Challenge in the Decision-Making Process of a Benign Spine Tumor. World Neurosurgery, 2020, 136, 150-156.	1.3	12
61	Surgical Management of the Lumbar Spine in Rheumatoid Arthritis. Global Spine Journal, 2020, 10, 767-774.	2.3	12
62	Posterior reversible encephalopathy syndrome following elevated mean arterial pressures for cervical spinal cord injury. Journal of Spinal Cord Medicine, 2018, 41, 111-114.	1.4	11
63	Surgical management of U/H type sacral fractures: outcomes following iliosacral and lumbopelvic fixation. Journal of Spine Surgery, 2018, 4, 361-367.	1.2	11
64	The prevalence of Klippel-Feil syndrome in pediatric patients: analysis of 831 CT scans. Journal of Spine Surgery, 2019, 5, 66-71.	1.2	11
65	Online ratings of spinal deformity surgeons: analysis of 634 surgeons. Spine Deformity, 2020, 8, 17-24.	1.5	11
66	Bone morphogenic protein-2 signaling in human disc degeneration and correlation to the Pfirrmann MRI grading system. Spine Journal, 2021, 21, 1205-1216.	1.3	11
67	Anatomical Considerations of the Suprascapular Nerve in Rotator Cuff Repairs. Anatomy Research International, 2014, 2014, 1-4.	1.1	10
68	Impact of the Economic Downturn on Elective Cervical Spine Surgery in the United States: A National Trend Analysis, 2003–2013. World Neurosurgery, 2016, 96, 538-544.	1.3	10
69	Publication Rate of Podium Presentations From the North American Spine Society Annual Meetings. Global Spine Journal, 2018, 8, 273-278.	2.3	10
70	Periosteum Mimetic Coating on Structural Bone Allografts <i>via</i> Electrospray Deposition Enhances Repair and Reconstruction of Segmental Defects. ACS Biomaterials Science and Engineering, 2020, 6, 6241-6252.	5 . 2	10
71	An Analysis of the Orthopaedic In-Training Examination Rehabilitation Section. Journal of Surgical Education, 2012, 69, 286-291.	2.5	9
72	Sagittal range of motion after extensive cervical fusion. Spine Journal, 2014, 14, 338-343.	1.3	9

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73	The Publication Rate of Presentations at Two International Spine Meetings: Scoliosis Research Society and International Meeting of Advanced Spinal Techniques. Spine Deformity, 2015, 3, 528-532.	1.5	9
74	Impact of a Comparative Study on the Management of Scoliosis in Duchenne Muscular Dystrophy: Are Corticosteroids Decreasing the Rate of Scoliosis Surgery in the United States?. Spine, 2016, 41, E1030-E1038.	2.0	9
75	Scholarly Success of Orthopaedic Surgeons Participating in the Clinician Scholar Career Development Program. Journal of Bone and Joint Surgery - Series A, 2018, 100, e115.	3.0	9
76	Evaluating Social Media Use Among Active American Members of the Cervical Spine Research Society. Clinical Spine Surgery, 2021, 34, E337-E341.	1.3	9
77	Civilian Gun Shot Wounds Associated With Spinal Injuries. Global Spine Journal, 2022, 12, 1428-1433.	2.3	9
78	Upper Cervical Epidural Abscess in a Patient With Parkinson Disease. Geriatric Orthopaedic Surgery and Rehabilitation, 2015, 6, 328-333.	1.4	8
79	Publication rate of podium presentations from the orthopaedic research society annual meeting. Journal of Orthopaedic Research, 2019, 37, 288-292.	2.3	8
80	Role of oxidative metabolism in osseointegration during spinal fusion. PLoS ONE, 2020, 15, e0241998.	2.5	8
81	Cauda equina syndrome caused by retained hemostatic agents. Journal of Clinical Neuroscience, 2015, 22, 1518-1520.	1.5	7
82	Rupture of Giant Anterior Sacral Meningocele in a Patient with Marfan Syndrome: Diagnosis and Management. World Neurosurgery, 2018, 119, 137-141.	1.3	7
83	Reducing Surgical Site Infections in Spine Tumor Surgery. Spine, 2019, 44, E1428-E1435.	2.0	7
84	Complications and Mortality Rates Following Surgical Management of Extradural Spine Tumors in New York State. Spine, 2020, 45, 474-482.	2.0	7
85	Readability of the Most Commonly Accessed Online Patient Education Materials Pertaining to Surgical Treatments of the Spine. World Neurosurgery, 2021, 152, e583-e588.	1.3	7
86	Patient Reported Outcomes in Metastatic Spine Disease: Concurrent Validity of PROMIS with the Spine Oncology Study Group Outcome Questionnaire. Spine, 2022, 47, 591-596.	2.0	7
87	Update on the Management of Sacral Metastases. JBJS Reviews, 2018, 6, e8-e8.	2.0	6
88	Trends and Characteristics of Spine Research From 2006 to 2015. Spine, 2020, 45, 141-147.	2.0	6
89	Prevention Training of Wrong-Site Spine Surgery. Journal of Surgical Education, 2015, 72, 680-684.	2.5	5
90	Probing and Tapping: Are We Inserting Pedicle Screws Correctly?. Spine Deformity, 2016, 4, 395-399.	1.5	5

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91	Surgical management of aggressive hemangiomas of the spine. Journal of Clinical Neuroscience, 2020, 78, 67-72.	1.5	5
92	Double Crush Syndrome of the Upper Extremity. JBJS Reviews, 2021, 9, .	2.0	5
93	Bilateral Pars Fractures Complicating Long Fusion to L5 in a Patient with Rheumatoid Arthritis. Spine, 2011, 36, E882-E885.	2.0	4
94	Secondary chondrosarcoma of the lumbar spine in hereditary multiple exostoses. Spine Journal, 2013, 13, 1158-1159.	1.3	4
95	Butterfly vertebra mimicking a compression fracture. Spine Journal, 2014, 14, 2509-2510.	1.3	4
96	Odontoid Fracture in a Patient With Diffuse Idiopathic Skeletal Hyperostosis. Geriatric Orthopaedic Surgery and Rehabilitation, 2017, 8, 14-17.	1.4	4
97	The top 50 cited articles on chordomas. Journal of Spine Surgery, 2018, 4, 37-44.	1.2	4
98	Cauda Equina Syndrome as First Manifestation of von Hippel-Lindau Disease. World Neurosurgery, 2019, 125, 316-319.	1.3	4
99	An Analysis of Patient and Fracture Characteristics and Clinical Outcomes in Patients With Hyperostotic Spine Fractures. Global Spine Journal, 2020, 10, 964-972.	2.3	4
100	Interest in Orthopedic Surgery Residency: A Google Trends Analysis. Journal of Surgical Orthopaedic Advances, 2018, 27, 98-101.	0.1	4
101	Myositis ossificans of the longus coli muscle following cervical spine fracture-dislocation. Journal of Spinal Cord Medicine, 2017, 40, 372-376.	1.4	3
102	Lumbar Spine Infection by Granulicatella and Abiotrophia Species. World Neurosurgery, 2017, 108, 997.e1-997.e3.	1.3	3
103	Development and validation of risk-adjustment models for elective, single-level posterior lumbar spinal fusions. Journal of Spine Surgery, 2019, 5, 46-57.	1.2	3
104	Predictors of 30-Day Unplanned Readmissions, Complications, and Mortality Following Operative Management of C2 Fractures. Global Spine Journal, 2020, 10, 130-137.	2.3	3
105	Ossification of the Posterior Longitudinal Ligament in North American Patients: Does Presentation with Spinal Cord Injury Matter?. World Neurosurgery, 2020, 143, e581-e589.	1.3	3
106	Clinical utilization of speciesâ€specific immunoassays for identification of <i>Staphylococcus aureus</i> and <i>Streptococcus agalactiae</i> in orthopedic infections. Journal of Orthopaedic Research, 2021, 39, 2141-2150.	2.3	3
107	Volume-outcome relationship in halo vest utilization for C2 fractures. Spine Journal, 2020, 20, 1676-1684.	1.3	3
108	Anatomical Parameters for Occipital Condyle Screws: An Analysis of 500 Condyles Using CT Scans. Global Spine Journal, 2021, , 219256822098331.	2.3	3

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109	Management of Hangman's Fractures and a Subaxial Compression Fracture in Two Children With Osteogenesis Imperfecta. Journal of Surgical Orthopaedic Advances, 2013, 22, 326-329.	0.1	3
110	Klippel-Feil Syndrome. JBJS Reviews, 2022, 10, .	2.0	3
111	The fourth column of the spine: Prevalence of sternal fractures and concurrent thoracic spinal fractures. Injury, 2022, 53, 1062-1067.	1.7	3
112	Analysis of the Quality, Reliability, and Educational Content of YouTube Videos Concerning Spine Tumors. International Journal of Spine Surgery, 2022, 16, 278-282.	1.5	3
113	Neck Pain in a 27-year-old Man. Clinical Orthopaedics and Related Research, 2013, 471, 1763-1768.	1.5	2
114	Prevalence of Allograft Contamination During Intraoperative Processing for Spinal Deformity Correction Surgery. Spine Deformity, 2013, 1, 348-351.	1.5	2
115	The 2015 AOA North American Traveling Fellowship. Journal of Bone and Joint Surgery - Series A, 2016, 98, e100.	3.0	2
116	PROMIS Scores Should Not be Used in Isolation to Measure Outcomes in Lumbar Stenosis Patients. Spine, 2021, Publish Ahead of Print, E1262-E1268.	2.0	2
117	What's Important: Cross-Cultural Mentorship in Orthopaedic Surgery. Journal of Bone and Joint Surgery - Series A, 2021, Publish Ahead of Print, .	3.0	2
118	A Cross-Sectional Evaluation of the Successful Minority Applicant to Orthopaedic Surgery Residency Programs. Journal of Racial and Ethnic Health Disparities, 2022, 9, 2164-2170.	3.2	2
119	Can Cervical and Lumbar Epidural Blood Patches Help Avoid Revision Surgery for Symptomatic Postoperative Dural Tears?. World Neurosurgery, 2022, 164, e877-e883.	1.3	2
120	Etiology and Outcomes of Spinal Cord Infarct: A Case Series From a Level 1 Trauma Center. Global Spine Journal, 2020, 10, 735-740.	2.3	1
121	Evaluation and treatment of osteoporosis in patients undergoing spine surgery. Seminars in Spine Surgery, 2020, 32, 100828.	0.2	1
122	Pancreatic Cancer Metastases to a Klippel-Feil Congenital Fusion of the Cervical Spine: Case Report. SN Comprehensive Clinical Medicine, 2021, 3, 772-775.	0.6	1
123	A 43-Year Follow-Up of Unilateral Harrington Rod Instrumentation and Limited Fusion for Adolescent Idiopathic Scoliosis. Cureus, 2021, 13, e14299.	0.5	1
124	Racial and Gender Shoulder Arthroplasty Utilization Disparities of High- and Low-Volume Centers in New York State. Journal of Shoulder and Elbow Arthroplasty, 2021, 5, 247154922110419.	0.8	1
125	Lumbar Extradural Angiolipoma: Clinical Presentation and Management. Cureus, 2020, 12, e12380.	0.5	1
126	What Factors Influence Compliance With Sequential Compression Devices in an Orthopaedic Unit: A Quality Assurance Observational Study. Journal of Surgical Orthopaedic Advances, 2018, 27, 307-311.	0.1	1

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127	Management of postoperative cervical pseudomeningocele with percutaneous aspiration and epidural blood patch. Interventional Neuroradiology, 2024, 30, 137-142.	1.1	1
128	Absence of bilateral C2 pars in a child with osteogenesis imperfecta. Spine Journal, 2016, 16, e581-e582.	1.3	0
129	Adjacent Segment Disease 44 Years Following Posterior Spinal Fusion for Congenital Lumbar Kyphosis. Spine Deformity, 2017, 5, 435-439.	1.5	0
130	The 2017 Cervical Spine Research Society International Traveling Fellowship. Spine, 2018, 43, 235-238.	2.0	0
131	Diagnostic Yield of Axial Computed Tomography Scans for Pediatric Axial Skeletal Injuries. Spine, 2021, Publish Ahead of Print, 867-873.	2.0	0
132	Surgical Technique: Correction of Cervical Scoliosis and Hemivertebra Resection., 2019,, 587-593.		0
133	Evaluating Trends and Outcomes of Spinal Deformity Surgery in Cerebral Palsy Patients. International Journal of Spine Surgery, 2020, 14, 382-390.	1.5	O
134	Attitudes and trends in the use of radiolucent spinal implants: A survey of the North American Spine Society section of spinal oncology. North American Spine Society Journal (NASSJ), 2022, 10, 100105.	0.5	0
135	Role of oxidative metabolism in osseointegration during spinal fusion. , 2020, 15, e0241998.		O
136	Role of oxidative metabolism in osseointegration during spinal fusion., 2020, 15, e0241998.		0
137	Role of oxidative metabolism in osseointegration during spinal fusion. , 2020, 15, e0241998.		O
138	Role of oxidative metabolism in osseointegration during spinal fusion., 2020, 15, e0241998.		0