

# Emre Acaroglu

## List of Publications by Year in descending order

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Version: 2024-02-01

124  
papers

3,863  
citations

136950

32  
h-index

144013

57  
g-index

126  
all docs

126  
docs citations

126  
times ranked

2572  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Effect of Discharging Patients with Low Hemoglobin Levels on Hospital Readmission and Quality of Life after Adult Spinal Deformity Surgery. <i>Asian Spine Journal</i> , 2022, 16, 261-269.	2.0	3
2	Evaluation of Blended Online Learning in Three Spinal Surgery Educational Courses. <i>Journal of European CME</i> , 2022, 11, 2014042.	1.6	7
3	Blended Learning Is a Feasible and Effective Tool for Basic Pediatric Spinal Deformity Training. <i>Global Spine Journal</i> , 2021, 11, 219-223.	2.3	7
4	Can we diagnose disk and facet degeneration in lumbar spine by acoustic analysis of spine sounds?. <i>Signal, Image and Video Processing</i> , 2021, 15, 557-562.	2.7	1
5	Variation of Minimum Clinically Important Difference by Age, Gender, Baseline Disability, and Change of Direction in Adult Spinal Deformity Population: Is It a Constant Value?. <i>World Neurosurgery</i> , 2021, 146, e1171-e1176.	1.3	6
6	Obeid-Coronal Malalignment Classification Is Age Related and Independently Associated to Personal Reported Outcome Measurement Scores in the Nonfused Spine. <i>Neurospine</i> , 2021, 18, 475-480.	2.9	7
7	Adult spinal deformity surgical decision-making score. Part 2: development and validation of a scoring system to guide the selection of treatment modalities for patients above 40 years with adult spinal deformity. <i>European Spine Journal</i> , 2020, 29, 45-53.	2.2	13
8	Opioids and analgesics use after adult spinal deformity surgery correlates with sagittal alignment and preoperative analgesic pattern. <i>European Spine Journal</i> , 2020, 29, 73-84.	2.2	6
9	Mental health status and sagittal spinopelvic alignment correlate with self-image in patients with adult spinal deformity before and after corrective surgery. <i>European Spine Journal</i> , 2020, 29, 63-72.	2.2	3
10	Prediction of satisfaction after correction surgery for adult spinal deformity: differences between younger and older patients. <i>European Spine Journal</i> , 2020, 29, 3051-3062.	2.2	7
11	Diverse approaches to scoliosis in young children. <i>EFORT Open Reviews</i> , 2020, 5, 753-762.	4.1	10
12	Anterior Spinal Artery Syndrome: Rare Precedented Reason of Postoperative Plegia After Spinal Deformity Surgery: Report of 2 Cases. <i>World Neurosurgery</i> , 2020, 141, 203-209.	1.3	1
13	Clinical Performance and Concurrent Validity of the Adult Spinal Deformity Surgical Decision-making Score. <i>Spine</i> , 2020, 45, E847-E855.	2.0	1
14	Decision Analysis in Quest of the Ideal Treatment in Adult Spinal Deformity Adjusted for Minimum Clinically Important Difference. <i>World Neurosurgery</i> , 2020, 142, e278-e289.	1.3	0
15	Does the Application of Topical Intrawound Vancomycin Powder Affect Deep Surgical Site Infection and the Responsible Organisms after Spinal Surgery?: A Retrospective Case Series with a Historical Control Group. <i>Asian Spine Journal</i> , 2020, 14, 72-78.	2.0	12
16	DISTAL MIGRATION OF THE RODS OF A CONSTRAINED POLYAXIAL PEDICLE SCREW SYSTEM. <i>Journal of Turkish Spinal Surgery</i> , 2020, 31, 51-54.	0.1	1
17	BAKKER CLASSIFICATION IN TREATMENT OF SACRAL STRESS FRACTURES: A SINGLE CENTER EXPERIENCE. <i>Journal of Turkish Spinal Surgery</i> , 2020, 31, 80-84.	0.1	2
18	THE RADIOLOGICAL ANALYSIS OF THE EFFECTS OF RALOXIFENE, NITRIC-OXIDE AND ESTROGEN ON SCOLIOSIS: A BIPEDAL C57BL6 MICE MODEL. <i>Journal of Turkish Spinal Surgery</i> , 2020, 31, 201-206.	0.1	0

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19	Development of predictive models for all individual questions of SRS-22R after adult spinal deformity surgery: a step toward individualized medicine. <i>European Spine Journal</i> , 2019, 28, 1998-2011.	2.2	37
20	Impact of resolved early major complications on 2-year follow-up outcome following adult spinal deformity surgery. <i>European Spine Journal</i> , 2019, 28, 2208-2215.	2.2	8
21	Adult spinal deformity surgical decision-making score. <i>European Spine Journal</i> , 2019, 28, 1652-1660.	2.2	12
22	The effect of increasing body mass index on the pain and function of patients with adult spinal deformity. <i>Journal of Spine Surgery</i> , 2019, 5, 535-540.	1.2	2
23	Artificial Intelligence Based Hierarchical Clustering of Patient Types and Intervention Categories in Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 915-926.	2.0	75
24	Development of Deployable Predictive Models for Minimal Clinically Important Difference Achievement Across the Commonly Used Health-related Quality of Life Instruments in Adult Spinal Deformity Surgery. <i>Spine</i> , 2019, 44, 1144-1153.	2.0	31
25	Minimum clinically important difference of the health-related quality of life scales in adult spinal deformity calculated by latent class analysis: is it appropriate to use the same values for surgical and nonsurgical patients?. <i>Spine Journal</i> , 2019, 19, 71-78.	1.3	52
26	Adult Spinal Deformity Over 70 Years of Age: A 2-Year Follow-Up Study. <i>International Journal of Spine Surgery</i> , 2019, 13, 336-344.	1.5	10
27	Factors influencing patient satisfaction after adult scoliosis and spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 408-417.	1.7	24
28	Development and validation of risk stratification models for adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2019, 31, 587-599.	1.7	41
29	THE ONE STEP FORWARD LATERAL SPINAL X-RAY: MEASUREMENT OF SAGITTAL AND SPINOPELVIC PARAMETERS IN A FUNCTIONAL POSITION. <i>Journal of Turkish Spinal Surgery</i> , 2019, 30, 266-269.	0.1	0
30	Relative pelvic version: an individualized pelvic incidence-based proportional parameter that quantifies pelvic version more precisely than pelvic tilt. <i>Spine Journal</i> , 2018, 18, 1787-1797.	1.3	12
31	The Global Spine Care Initiative: a systematic review for the assessment of spine-related complaints in populations with limited resources and in low- and middle-income communities. <i>European Spine Journal</i> , 2018, 27, 816-827.	2.2	26
32	Assessment of variability in Turkish spine surgeons' trauma practices. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2018, 52, 1-6.	0.8	1
33	The Global Spine Care Initiative: a summary of guidelines on invasive interventions for the management of persistent and disabling spinal pain in low- and middle-income communities. <i>European Spine Journal</i> , 2018, 27, 870-878.	2.2	21
34	Decision-making factors in the treatment of adult spinal deformity. <i>European Spine Journal</i> , 2018, 27, 2312-2321.	2.2	28
35	Sagittal radiographic parameters demonstrate weak correlations with pretreatment patient-reported health-related quality of life measures in symptomatic de novo degenerative lumbar scoliosis: a European multicenter analysis. <i>Journal of Neurosurgery: Spine</i> , 2018, 28, 573-580.	1.7	33
36	NRS20: Combined Back and Leg Pain Score. <i>Spine</i> , 2018, 43, 1184-1192.	2.0	12

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37	Analysis of factors affecting baseline SF-36 Mental Component Summary in Adult Spinal Deformity and its impact on surgical outcomes. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2018, 52, 179-184.	0.8	13
38	The Adult Deformity Surgery Complexity Index (ADSCI): a valid tool to quantify the complexity of posterior adult spinal deformity surgery and predict postoperative complications. <i>Spine Journal</i> , 2018, 18, 216-225.	1.3	30
39	The Global Spine Care Initiative: a consensus process to develop and validate a stratification scheme for surgical care of spinal disorders as a guide for improved resource utilization in low- and middle-income communities. <i>European Spine Journal</i> , 2018, 27, 879-888.	2.2	8
40	Reliability and validity of the cross-culturally adapted Turkish version of the Core Outcome Measures Index for low back pain. <i>European Spine Journal</i> , 2018, 27, 93-100.	2.2	7
41	Radiographic Axial Malalignment is Associated With Pretreatment Patient-Reported Health-Related Quality of Life Measures in Adult Degenerative Scoliosis: Implementation of a Novel Radiographic Software Tool. <i>Spine Deformity</i> , 2018, 6, 745-752.	1.5	5
42	The Global Spine Care Initiative: model of care and implementation. <i>European Spine Journal</i> , 2018, 27, 925-945.	2.2	52
43	The Global Spine Care Initiative: care pathway for people with spine-related concerns. <i>European Spine Journal</i> , 2018, 27, 901-914.	2.2	41
44	The Global Spine Care Initiative: methodology, contributors, and disclosures. <i>European Spine Journal</i> , 2018, 27, 786-795.	2.2	22
45	The Global Spine Care Initiative: classification system for spine-related concerns. <i>European Spine Journal</i> , 2018, 27, 889-900.	2.2	30
46	The Global Spine Care Initiative: resources to implement a spine care program. <i>European Spine Journal</i> , 2018, 27, 915-924.	2.2	11
47	The Influence of Diagnosis, Age, and Gender on Surgical Outcomes in Patients With Adult Spinal Deformity. <i>Global Spine Journal</i> , 2018, 8, 803-809.	2.3	8
48	The Global Spine Care Initiative: World Spine Care executive summary on reducing spine-related disability in low- and middle-income communities. <i>European Spine Journal</i> , 2018, 27, 776-785.	2.2	36
49	Cryo-Compression Therapy After Elective Spinal Surgery for Pain Management: A Cross-Sectional Study With Historical Control. <i>Neurospine</i> , 2018, 15, 348-352.	2.9	12
50	Can Right-Handed Surgeons Insert Upper Thoracic Pedicle Screws in much Comfortable Position? Right-Handedness Problem on the Left Side. <i>Journal of Korean Neurosurgical Society</i> , 2018, 61, 568-673.	1.2	3
51	Function and Clinical Symptoms are the Main Factors that Motivate Thoracolumbar Adult Scoliosis Patients to Pursue Surgery. <i>Spine</i> , 2017, 42, E31-E36.	2.0	14
52	Lack of improvement in health-related quality of life (HRQOL) scores 6 months after surgery for adult spinal deformity (ASD) predicts high revision rate in the second postoperative year. <i>European Spine Journal</i> , 2017, 26, 2160-2166.	2.2	12
53	Decision analysis to identify the ideal treatment for adult spinal deformity: What is the impact of complications on treatment outcomes?. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2017, 51, 181-190.	0.8	14
54	Advantages and Disadvantages of Adult Spinal Deformity Surgery and Its Impact on Health-Related Quality of Life. <i>Spine</i> , 2017, 42, 411-419.	2.0	59

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55	Global Alignment and Proportion (GAP) Score. Journal of Bone and Joint Surgery - Series A, 2017, 99, 1661-1672.	3.0	360
56	Are sagittal spinopelvic radiographic parameters significantly associated with quality of life of adult spinal deformity patients? Multivariate linear regression analyses for pre-operative and short-term post-operative health-related quality of life. European Spine Journal, 2017, 26, 2176-2186.	2.2	72
57	Global tilt and lumbar lordosis index: two parameters correlating with health-related quality of life scores—but how do they truly impact disability?. Spine Journal, 2017, 17, 480-488.	1.3	36
58	Decision-making in the treatment of adult spinal deformity. EFORT Open Reviews, 2016, 1, 167-176.	4.1	13
59	Global Forum: Spine Research and Training in Underserved, Low and Middle-Income, Culturally Unique Communities: The World Spine Care Charity Research Program's Challenges and Facilitators. Journal of Bone and Joint Surgery - Series A, 2016, 98, e110.	3.0	13
60	Sagittal malalignment has a significant association with postoperative leg pain in adult spinal deformity patients. European Spine Journal, 2016, 25, 2442-2451.	2.2	18
61	Global tilt: a single parameter incorporating spinal and pelvic sagittal parameters and least affected by patient positioning. European Spine Journal, 2016, 25, 3644-3649.	2.2	105
62	Analysis of the reliability of surgeons' ability to differentiate between idiopathic and degenerative spinal deformity in adults radiologically. What descriptive parameters help them decide?. European Spine Journal, 2016, 25, 2401-2407.	2.2	11
63	A decision analysis to identify the ideal treatment for adult spinal deformity: is surgery better than non-surgical treatment in improving health-related quality of life and decreasing the disease burden?. European Spine Journal, 2016, 25, 2390-2400.	2.2	65
64	The Core Outcome Measures Index (COMI) is a responsive instrument for assessing the outcome of treatment for adult spinal deformity. European Spine Journal, 2016, 25, 2638-2648.	2.2	44
65	A migrated knitting needle in a paediatric spine: case report. Child's Nervous System, 2016, 32, 391-394.	1.1	0
66	Safety and efficacy of osteotomies in adult spinal deformity: what happens in the first year?. European Spine Journal, 2016, 25, 2471-2479.	2.2	33
67	Multiple Regression Analysis of Factors Affecting Health-Related Quality of Life in Adult Spinal Deformity. Spine Deformity, 2015, 3, 360-366.	1.5	39
68	Sagittal alignment of cervical spine in adult idiopathic scoliosis. European Spine Journal, 2015, 24, 1175-1182.	2.2	17
69	The Reliability of Sagittal Pelvic Parameters. Spine, 2015, 40, E253-E258.	2.0	31
70	Creating a sustainable model of spine care in underserved communities: the World Spine Care (WSC) charity. Spine Journal, 2015, 15, 2303-2311.	1.3	29
71	Sacropelvic fixation in adult spinal deformity (ASD); a very high rate of mechanical failure. European Spine Journal, 2015, 24, 1085-1091.	2.2	108
72	Impact on health related quality of life of adult spinal deformity (ASD) compared with other chronic conditions. European Spine Journal, 2015, 24, 3-11.	2.2	302

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73	Long-Term Results of Reconstruction with Pelvic Allografts after Wide Resection of Pelvic Sarcomas. <i>Scientific World Journal</i> , The, 2014, 2014, 1-6.	2.1	19
74	Safety and Efficacy of Instrumented Convex Growth Arrest in Treatment of Congenital Scoliosis. <i>Journal of Pediatric Orthopaedics</i> , 2014, 34, 275-281.	1.2	15
75	Selective estrogen receptor modulation prevents scoliotic curve progression: radiologic and histomorphometric study on a bipedal C57Bl6 mice model. <i>European Spine Journal</i> , 2014, 23, 455-462.	2.2	12
76	Role of surgeon handedness in transpedicular screw insertion. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2014, 48, 479-482.	0.8	14
77	Restoration of pull-out strength of the failed pedicle screw: biomechanical comparison of calcium sulfate vs polymethylmethacrylate augmentation. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2014, 48, 202-206.	0.8	7
78	Transverse sacral fractures and concomitant late-diagnosed cauda equina syndrome. <i>Ulusal Travma Ve Acil Cerrahi Dergisi</i> , 2014, 20, 71-74.	0.3	5
79	Core curriculum (CC) of spinal surgery: a step forward in defining our profession. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2014, 48, 475-478.	0.8	1
80	Aneurysmal bone cyst-like areas as a sign of metastatic disease in the spinal column. <i>Acta Orthopaedica Et Traumatologica Turcica</i> , 2013, 47, 366-369.	0.8	3
81	The metabolic basis of adolescent idiopathic scoliosis: 2011 report of the "œmetabolic" workgroup of the Fondation Yves Cotrel. <i>European Spine Journal</i> , 2012, 21, 1033-1042.	2.2	17
82	Is decreased bone mineral density associated with development of scoliosis? A bipedal osteopenic rat model. <i>Scoliosis</i> , 2011, 6, 24.	0.4	12
83	The Effect of Posterior Distraction on Vertebral Growth in Immature Pigs. <i>Spine</i> , 2010, 35, 730-733.	2.0	24
84	The effect of calmodulin antagonists on scoliosis: bipedal C57BL/6 mice model. <i>European Spine Journal</i> , 2009, 18, 499-505.	2.2	30
85	Comparison of the Melatonin and Calmodulin in Paravertebral Muscle and Platelets of Patients With or Without Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2009, 34, E659-E663.	2.0	43
86	The Effect of Calmodulin Antagonists on Experimental Scoliosis. <i>Spine</i> , 2009, 34, 533-538.	2.0	26
87	The Effect of Anterior Spinal Fusion on Spinal Canal Development in an Immature Porcine Model. <i>Spine</i> , 2009, 34, E501-E506.	2.0	9
88	Safety and Efficacy of Posterior Instrumentation for Patients With Congenital Scoliosis and Spinal Dysraphism. <i>Journal of Pediatric Orthopaedics</i> , 2007, 27, 380-386.	1.2	53
89	A Biomechanical Assessment of Thoracic Spine Stapling. <i>Spine</i> , 2007, 32, 766-771.	2.0	31
90	Anterior Instrumentation in Tuberculous Spondylitis. <i>Clinical Orthopaedics and Related Research</i> , 2007, 460, 108-116.	1.5	70

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91	Radiographic measurement of the sagittal plane deformity in patients with osteoporotic spinal fractures evaluation of intrinsic error. <i>European Spine Journal</i> , 2007, 16, 2126-2132.	2.2	18
92	Unilateral Enucleation Affects the Laterality but Not the Incidence of Scoliosis in Pinealectomized Chicken. <i>Spine</i> , 2006, 31, 133-138.	2.0	13
93	The Effect of Pedicle Expansion on Pedicle Morphology and Biomechanical Stability in the Immature Porcine Spine. <i>Spine</i> , 2006, 31, E826-E829.	2.0	25
94	Contributing factors affecting the prognosis of surgical outcome for thoracic OLF (S.-U. Kuh et al.). <i>European Spine Journal</i> , 2006, 15, 492-492.	2.2	1
95	Enoxaparin and heparin comparison of deep vein thrombosis prophylaxis in total hip replacement patients. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2006, 126, 1-5.	2.4	26
96	Biomechanical Comparison of Posterior Lumbar Interbody Fusion and Transforaminal Lumbar Interbody Fusion Performed at 1 and 2 Levels. <i>Spine</i> , 2005, 30, E562-E566.	2.0	90
97	Pedicle Screw Fixation of the Thoracic Spine: An In Vitro Biomechanical Study on Different Configurations. <i>Spine</i> , 2005, 30, 2530-2537.	2.0	34
98	Constructs Incorporating Intralaminar C2 Screws Provide Rigid Stability for Atlantoaxial Fixation. <i>Spine</i> , 2005, 30, 1513-1518.	2.0	160
99	The Use of Suture Anchors for Sternal Nonunion as a New Technical Approach (Demircin-Dogan) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>	0.5	5
100	Ultrastructural Analysis of Metallic Debris and Tissue Reaction Around Spinal Implants in Patients With Late Operative Site Pain. <i>Spine</i> , 2004, 29, 1618-1623.	2.0	20
101	Course of Nonsurgical Management of Burst Fractures with Intact Posterior Ligamentous Complex: An MRI Study. <i>Spine</i> , 2004, 29, 2425-2431.	2.0	54
102	Convex Growth Arrest in the Treatment of Congenital Spinal Deformities, Revisited. <i>Journal of Pediatric Orthopaedics</i> , 2004, 24, 658-666.	1.2	40
103	Anterior radical debridement and anterior instrumentation in tuberculosis spondylitis. <i>European Spine Journal</i> , 2003, 12, 224-234.	2.2	105
104	Title is missing!. <i>Spine</i> , 2003, 28, 799-805.	2.0	3
105	Late Spinal Cord Compression Caused by Pulled-out Thoracic Pedicle Screws: A Case Report. <i>Spine</i> , 2003, 28, E506-E510.	2.0	19
106	The Efficacy of Convex Hemiepiphysiodesis in Patients With Iatrogenic Posterior Element Deficiency Resulting from Diastematomyelia Excision. <i>Spine</i> , 2003, 28, 799-805.	2.0	5
107	The efficacy of convex hemiepiphysiodesis in patients with iatrogenic posterior element deficiency resulting from diastematomyelia excision. <i>Spine</i> , 2003, 28, 799-805.	2.0	5
108	Title is missing!. <i>Journal of Pediatric Orthopaedics</i> , 2002, 22, 492-496.	1.2	9

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109	Title is missing!. Journal of Pediatric Orthopaedics, 2002, 22, 763-765.	1.2	15
110	Atlantoaxial Rotatory Fixationâ€“Subluxation Revisited. Spine, 2002, 27, 2771-2775.	2.0	58
111	Atlantoaxial rotatory fixation-subluxation revisited: a computed tomographic analysis of acute torticollis in pediatric patients. Spine, 2002, 27, 2771-5.	2.0	23
112	Three-dimensional evolution of scoliotic curve during instrumentation without fusion in young children. Journal of Pediatric Orthopaedics, 2002, 22, 492-6.	1.2	24
113	Reliability and necessity of dynamic computerized tomography in diagnosis of atlantoaxial rotatory subluxation. Journal of Pediatric Orthopaedics, 2002, 22, 763-5.	1.2	10
114	Short-Segment Pedicle Instrumentation of Thoracolumbar Burst Fractures. Spine, 2001, 26, 213-217.	2.0	268
115	Does Transverse Apex Coincide With Coronal Apex Levels (Regional or Global) in Adolescent Idiopathic Scoliosis?. Spine, 2001, 26, 1143-1146.	2.0	9
116	Title is missing!. Journal of Pediatric Orthopaedics, 2001, 21, 252-256.	1.2	83
117	The effect of transpedicular intracorporeal grafting in the treatment of thoracolumbar burst fractures on canal remodeling. European Spine Journal, 2001, 10, 512-516.	2.2	57
118	Four-Level Noncontiguous Fracture of the Vertebral Column: A Case Report. Journal of Orthopaedic Trauma, 2001, 15, 294-299.	1.4	5
119	Letters. Spine, 2001, 26, 840.	2.0	7
120	Traumatic L1â€“L2 Dislocation Without Fracture in a 6-Year-Old Girl. Spine, 1999, 24, 1483.	2.0	14
121	A Study of Adenosine Treatment in Experimental Acute Spinal Cord Injury. Spine, 1999, 24, 128-132.	2.0	10
122	Effects of Deamino-8-D-Arginin Vasopressin on Blood Loss and Coagulation Factors in Scoliosis Surgery. Spine, 1999, 24, 877-882.	2.0	41
123	Simultaneous anterior and posterior approaches for correction of late deformity due to thoracolumbar fractures. European Spine Journal, 1996, 5, 56-62.	2.2	26
124	Monitoring and reporting gaps in spine surgery education through an international needs assessment survey. MedEdPublish, 0, 12, 22.	0.3	0