

# Thomas J Errico

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

3,700  
citations

159525

30  
h-index

138417

58  
g-index

116  
all docs

116  
docs citations

116  
times ranked

3170  
citing authors

#	ARTICLE	IF	CITATIONS
1	The T1 Pelvic Angle, a Novel Radiographic Measure of Global Sagittal Deformity, Accounts for Both Spinal Inclination and Pelvic Tilt and Correlates with Health-Related Quality of Life. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 1631-1640.	1.4	321
2	Prospective multicenter assessment of perioperative and minimum 2-year postoperative complication rates associated with adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 1-14.	0.9	280
3	Efficacy of tranexamic acid on surgical bleeding in spine surgery: a meta-analysis. <i>Spine Journal</i> , 2015, 15, 752-761.	0.6	208
4	Medical Complications After Adult Spinal Deformity Surgery. <i>Spine</i> , 2016, 41, 1718-1723.	1.0	192
5	Total Hip Arthroplasty in the Spinal Deformity Population: Does Degree of Sagittal Deformity Affect Rates of Safe Zone Placement, Instability, or Revision?. <i>Journal of Arthroplasty</i> , 2017, 32, 1910-1917.	1.5	171
6	Acetabular Anteversion Changes Due to Spinal Deformity Correction: Bridging the Gap Between Hip and Spine Surgeons. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1913-1920.	1.4	165
7	A Systematic Approach to Spinal Reconstruction after Anterior Decompression for Neoplastic Disease of the Thoracic and Lumbar Spine. <i>Neurosurgery</i> , 1993, 32, 1-8.	0.6	136
8	Operative Versus Nonoperative Treatment for Adult Symptomatic Lumbar Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2019, 101, 338-352.	1.4	110
9	Role of pelvic translation and lower-extremity compensation to maintain gravity line position in spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 436-446.	0.9	106
10	Association Between Anemia, Bleeding, and Transfusion with Long-term Mortality Following Noncardiac Surgery. <i>American Journal of Medicine</i> , 2016, 129, 315-323.e2.	0.6	100
11	Comparison of complications, costs, and length of stay of three different lumbar interbody fusion techniques: an analysis of the Nationwide Inpatient Sample database. <i>Spine Journal</i> , 2014, 14, 2019-2027.	0.6	97
12	The Relative Efficacy of Antifibrinolytics in Adolescent Idiopathic Scoliosis. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, e80.	1.4	95
13	Risk Factors for Reoperation in Patients Treated Surgically for Intervertebral Disc Herniation. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 1316-1325.	1.4	85
14	Impact of obesity on complications, infection, and patient-reported outcomes in adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2015, 23, 656-664.	0.9	84
15	Predicting Cervical Alignment Required to Maintain Horizontal Gaze Based on Global Spinal Alignment. <i>Spine</i> , 2016, 41, 1795-1800.	1.0	82
16	Lumbar Disc Arthroplasty. <i>Clinical Orthopaedics and Related Research</i> , 2005, &NA;, 106-117.	0.7	80
17	Global sagittal axis: a step toward full-body assessment of sagittal plane deformity in the human body. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 494-499.	0.9	54
18	Body mass index predicts risk of complications in lumbar spine surgery based on surgical invasiveness. <i>Spine Journal</i> , 2018, 18, 1204-1210.	0.6	52

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19	Vertebroplasty and kyphoplasty: national outcomes and trends in utilization from 2005 through 2010. <i>Spine Journal</i> , 2015, 15, 959-965.	0.6	51
20	A New Method of Thoracic and Lumbar Body Replacement for Spinal Tumors. <i>Neurosurgery</i> , 1993, 32, 678-681.	0.6	47
21	Appropriateness of Twenty-four-Hour Antibiotic Prophylaxis After Spinal Surgery in Which a Drain Is Utilized. <i>Journal of Bone and Joint Surgery - Series A</i> , 2015, 97, 979-986.	1.4	43
22	Why a mechanical disc?. <i>Spine Journal</i> , 2004, 4, S151-S157.	0.6	41
23	When is compensation for lumbar spinal stenosis a clinical sagittal plane deformity?. <i>Spine Journal</i> , 2016, 16, 971-981.	0.6	39
24	Complication rates are reduced for revision adult spine deformity surgery among high-volume hospitals and surgeons. <i>Spine Journal</i> , 2015, 15, 1963-1972.	0.6	37
25	Spinopelvic Compensatory Mechanisms for Reduced Hip Motion (ROM) in the Setting of Hip Osteoarthritis. <i>Spine Deformity</i> , 2019, 7, 923-928.	0.7	37
26	Inpatient versus Outpatient Anterior Cervical Discectomy and Fusion: A Perioperative Complication Analysis of 259,414 Patients From the Healthcare Cost and Utilization Project Databases. <i>International Journal of Spine Surgery</i> , 2017, 11, 11.	0.7	37
27	Risk Factors for Reoperation in Patients Treated Surgically for Degenerative Spondylolisthesis. <i>Spine</i> , 2017, 42, 1559-1569.	1.0	36
28	Adult Spinal Deformity: National Trends in the Presentation, Treatment, and Perioperative Outcomes From 2003 to 2010. <i>Spine Deformity</i> , 2017, 5, 342-350.	0.7	35
29	Association between compensation status and outcomes in spine surgery: a meta-analysis of 31 studies. <i>Spine Journal</i> , 2015, 15, 2564-2573.	0.6	34
30	Predictors of Hospital Length of Stay and 30-Day Readmission in Cervical Spondylotic Myelopathy Patients: An Analysis of 3057 Patients Using the ACS-NSQIP Database. <i>World Neurosurgery</i> , 2018, 110, e450-e458.	0.7	34
31	The impact of obesity on compensatory mechanisms in response to progressive sagittal malalignment. <i>Spine Journal</i> , 2017, 17, 681-688.	0.6	33
32	Analysis of Postoperative Thoracolumbar Spine Infections in a Prospective Randomized Controlled Trial Using the Centers for Disease Control Surgical Site Infection Criteria. <i>International Journal of Spine Surgery</i> , 2016, 10, 14.	0.7	31
33	Thoracolumbar Realignment Surgery Results in Simultaneous Reciprocal Changes in Lower Extremities and Cervical Spine. <i>Spine</i> , 2017, 42, 799-807.	1.0	30
34	Minimally Invasive Versus Open Transforaminal Lumbar Interbody Fusion Surgery: An Analysis of Opioids, Nonopioid Analgesics, and Perioperative Characteristics. <i>Global Spine Journal</i> , 2019, 9, 624-629.	1.2	30
35	Gait stability improvement after fusion surgery for adolescent idiopathic scoliosis is influenced by corrective measures in coronal and sagittal planes. <i>Gait and Posture</i> , 2014, 40, 510-515.	0.6	27
36	Effect of Antifibrinolytic Therapy on Complications, Thromboembolic Events, Blood Product Utilization, and Fusion in Adult Spinal Deformity Surgery. <i>Spine</i> , 2016, 41, E879-E886.	1.0	25

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37	Results of the 2015 Scoliosis Research Society Survey on Single Versus Dual Attending Surgeon Approach for Adult Spinal Deformity Surgery. <i>Spine</i> , 2017, 42, 932-942.	1.0	25
38	The use of tranexamic acid in adult spinal deformity: is there an optimal dosing strategy?. <i>Spine Journal</i> , 2019, 19, 1690-1697.	0.6	25
39	Venous Thromboembolic Events After Spinal Fusion: Which Patients Are at High Risk?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2014, 96, 936-942.	1.4	23
40	Relation of Perioperative Elevation of Troponin to Long-Term Mortality After Orthopedic Surgery. <i>American Journal of Cardiology</i> , 2015, 115, 1643-1648.	0.7	23
41	Psoas Morphology Differs between Supine and Sitting Magnetic Resonance Imaging Lumbar Spine: Implications for Lateral Lumbar Interbody Fusion. <i>Asian Spine Journal</i> , 2018, 12, 29-36.	0.8	22
42	Ninety-day readmissions after degenerative cervical spine surgery: A single-center administrative database study. <i>International Journal of Spine Surgery</i> , 2015, 9, 19.	0.7	22
43	Defining the Role of the Lower Limbs in Compensating for Sagittal Malalignment. <i>Spine</i> , 2017, 42, E1282-E1288.	1.0	21
44	Ponte Osteotomies Increase the Risk of Neuromonitoring Alerts in Adolescent Idiopathic Scoliosis Correction Surgery. <i>Spine</i> , 2019, 44, E175-E180.	1.0	21
45	Impact of Parkinson's disease on perioperative complications and hospital cost in multilevel spine fusion: A population-based analysis. <i>Journal of Clinical Neuroscience</i> , 2017, 35, 88-91.	0.8	20
46	Full-Body Radiographic Analysis of Postoperative Deviations From Age-Adjusted Alignment Goals in Adult Spinal Deformity Correction and Related Compensatory Recruitment. <i>International Journal of Spine Surgery</i> , 2019, 13, 205-214.	0.7	20
47	Building Consensus: Development of Best Practice Guidelines on Wrong Level Surgery in Spinal Deformity. <i>Spine Deformity</i> , 2018, 6, 121-129.	0.7	19
48	High-Volume Hospitals and Surgeons Experience Fewer Early Reoperation Events After Adolescent Idiopathic Scoliosis Surgery. <i>Spine Deformity</i> , 2015, 3, 496-501.	0.7	18
49	Impact of Race and Insurance Status on Surgical Approach for Cervical Spondylotic Myelopathy in the United States. <i>Spine</i> , 2017, 42, 186-194.	1.0	18
50	Outpatient Anterior Cervical Discectomy and Fusion: An Analysis of Readmissions from the New Jersey State Ambulatory Services Database. <i>International Journal of Spine Surgery</i> , 2017, 11, 3.	0.7	18
51	Radiological lumbar stenosis severity predicts worsening sagittal malalignment on full-body standing stereoradiographs. <i>Spine Journal</i> , 2017, 17, 1601-1610.	0.6	17
52	The Influence of Body Mass Index on Achieving Age-Adjusted Alignment Goals in Adult Spinal Deformity Corrective Surgery with Full-Body Analysis at 1 Year. <i>World Neurosurgery</i> , 2018, 120, e533-e545.	0.7	16
53	Perioperative antiplatelet therapy and cardiovascular outcomes in patients undergoing joint and spine surgery. <i>Journal of Clinical Anesthesia</i> , 2016, 35, 163-169.	0.7	15
54	Comparing psychological burden of orthopaedic diseases against medical conditions: Investigation on hospital course of hip, knee, and spine surgery patients. <i>Journal of Orthopaedics</i> , 2018, 15, 297-301.	0.6	15

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55	The value of sitting radiographs: analysis of spine flexibility and its utility in preoperative planning for adult spinal deformity surgery. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 414-421.	0.9	15
56	Effect of Serious Adverse Events on Health-related Quality of Life Measures Following Surgery for Adult Symptomatic Lumbar Scoliosis. <i>Spine</i> , 2019, 44, 1211-1219.	1.0	15
57	Measurement of Spinopelvic Angles on Prone Intraoperative Long-Cassette Lateral Radiographs Predicts Postoperative Standing Global Alignment in Adult Spinal Deformity Surgery. <i>Spine Deformity</i> , 2019, 7, 325-330.	0.7	14
58	Trends in Treatment of Scheuermann Kyphosis: A Study of 1,070 Cases From 2003 to 2012. <i>Spine Deformity</i> , 2019, 7, 100-106.	0.7	14
59	A Comparison of Two Different Dosing Protocols for Tranexamic Acid in Posterior Spinal Fusion for Spinal Deformity: A Prospective, Randomized Trial. <i>International Journal of Spine Surgery</i> , 2015, 9, 65.	0.7	14
60	Decision Tree-based Modelling for Identification of Predictors of Blood Loss and Transfusion Requirement After Adult Spinal Deformity Surgery. <i>International Journal of Spine Surgery</i> , 2020, 14, 87-95.	0.7	14
61	Validation of prone intraoperative measurements of global spinal alignment. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 187-192.	0.9	12
62	Open discectomy as treatment for herniated nucleus pulposus of the lumbar spine. <i>Spine Journal</i> , 2003, 3, 45-49.	0.6	11
63	Does Reoperation Risk Vary for Different Types of Pediatric Scoliosis?. <i>Journal of Pediatric Orthopaedics</i> , 2018, 38, 459-464.	0.6	11
64	Full-Body Analysis of Adult Spinal Deformity Patients' Age-Adjusted Alignment at 1 Year. <i>World Neurosurgery</i> , 2018, 114, e775-e784.	0.7	10
65	The Impact of Different Intraoperative Fluid Administration Strategies on Postoperative Extubation Following Multilevel Thoracic and Lumbar Spine Surgery: A Propensity Score Matched Analysis. <i>Neurosurgery</i> , 2019, 85, 31-40.	0.6	10
66	Predictors of long-term opioid dependence in transforaminal lumbar interbody fusion with a focus on pre-operative opioid usage. <i>European Spine Journal</i> , 2020, 29, 1311-1317.	1.0	10
67	Interpretation of Spinal Radiographic Parameters in Patients With Transitional Lumbosacral Vertebrae*. <i>Spine Deformity</i> , 2018, 6, 587-592.	0.7	9
68	Survivorship of coflex Interlaminar-Interspinous Implant. <i>International Journal of Spine Surgery</i> , 2009, 3, 59-67.	0.7	9
69	PROMIS is superior to established outcome measures in capturing disability resulting from sagittal malalignment in patients with back pain. <i>Spine Deformity</i> , 2020, 8, 499-505.	0.7	8
70	The Relationship Between 3-dimensional Spinal Alignment, Thoracic Volume, and Pulmonary Function in Surgical Correction of Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2020, 45, 983-992.	1.0	8
71	Feasibility of a Cost-Effective, Video Analysis Software-Based Mobility Protocol for Objective Spine Kinematics and Gait Metrics: A Proof of Concept Study. <i>PM and R</i> , 2015, 7, 336-339.	0.9	7
72	MRI Radiological Predictors of Requiring Microscopic Lumbar Discectomy After Lumbar Disc Herniation. <i>Global Spine Journal</i> , 2020, 10, 63-68.	1.2	7

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73	Pseudarthrosis and Rod Fracture Rates After Transforaminal Lumbar Interbody Fusion at the Caudal Levels of Long Constructs for Adult Spinal Deformity Surgery. <i>World Neurosurgery</i> , 2021, 155, e605-e611.	0.7	7
74	Is There a Gender-Specific Full Body Sagittal Profile for Different Spinopelvic Relationships? A Study on Propensity-Matched Cohorts. <i>Spine Deformity</i> , 2016, 4, 104-111.	0.7	6
75	Operative fusion of multilevel cervical spondylotic myelopathy: Impact of patient demographics. <i>Journal of Clinical Neuroscience</i> , 2017, 39, 133-136.	0.8	6
76	Prevalence of Risk Factors for Hospital-Acquired Venous Thromboembolism in Neurosurgery and Orthopedic Spine Surgery Patients. <i>International Journal of Spine Surgery</i> , 2020, 14, 79-86.	0.7	6
77	Reoperation Rates After Long Posterior Spinal Fusion: Use of Recombinant Bone Morphogenetic Protein in Idiopathic and Non-idiopathic Scoliosis. <i>Spine Deformity</i> , 2016, 4, 304-309.	0.7	5
78	Cost-Utility Analysis of Operative Versus Nonoperative Treatment of Thoracic Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2019, 44, 309-317.	1.0	5
79	Pre-Operative Autologous Blood Donation Does Not Affect Pre-Incision Hematocrit in Adolescent Idiopathic Scoliosis Patients. A Retrospective Cohort of a Prospective Randomized Trial. <i>International Journal of Spine Surgery</i> , 2016, 10, 27.	0.7	5
80	Suboptimal Age-Adjusted Lumbo-Pelvic Mismatch Predicts Negative Cervical-Thoracic Compensation in Obese Patients. <i>International Journal of Spine Surgery</i> , 2019, 13, 252-261.	0.7	5
81	Validation of the recently developed Total Disability Index: a single measure of disability in neck and back pain patients. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 533-541.	0.9	5
82	Clinical photographs in the assessment of adult spinal deformity: a comparison to radiographic parameters. <i>Journal of Neurosurgery: Spine</i> , 2021, 35, 105-109.	0.9	4
83	Principal Radiographic Characteristics for Cervical Spinal Deformity: A Health-Related Quality of Life Analysis. <i>Spine Journal</i> , 2016, 16, S282.	0.6	3
84	Measurement of Spinopelvic Angles on Prone Intraoperative Long-Cassette Lateral Radiographs Predicts Postoperative Standing Global Alignment in Adult Spinal Deformity Surgery. <i>Spine Journal</i> , 2016, 16, S278.	0.6	2
85	Analysis of Lumbar Flexibility on Supine MRI and CT May Reduce the Need for More Invasive Spinal Osteotomy in Adult Spinal Deformity Surgery. <i>Spine Journal</i> , 2016, 16, S197.	0.6	2
86	Incidence of Congenital Spinal Abnormalities among Pediatric Patients and Their Association with Scoliosis and Systemic Anomalies. <i>Spine Journal</i> , 2016, 16, S286.	0.6	2
87	Risk of Total Hip Arthroplasty Dislocation after Adult Spinal Deformity Correction. <i>Spine Journal</i> , 2016, 16, S180.	0.6	2
88	Does Pelvic Incidence Increase with Age? An Analysis of 1625 Adults. <i>Spine Journal</i> , 2016, 16, S356-S357.	0.6	2
89	Modifiable and nonmodifiable factors associated with patient satisfaction in spine surgery and other orthopaedic subspecialties: A retrospective survey analysis. <i>Current Orthopaedic Practice</i> , 2019, 30, 555-560.	0.1	2
90	Normal Age-Adjusted Sagittal Spinal Alignment Is Achieved with Surgical Correction in Adolescent Idiopathic Scoliosis. <i>Asian Spine Journal</i> , 2017, 11, 770-779.	0.8	2

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91	Promoting multidisciplinary collaboration: letter to the editor in response to Schoenfeld AJ, Bhalla A, George J, Harris MB, Bono CM, "Academic productivity and contributions to the literature among spine surgery fellowship faculty" Spine Journal, 2015, 15, 2112-2113.	0.6	1
92	The Impact of Obesity on Compensatory Mechanisms in Response to Progressive Sagittal Malalignment. Spine Journal, 2016, 16, S378.	0.6	1
93	Cost Utility Analysis of Operative versus Nonoperative Treatment for Adolescent Idiopathic Scoliosis. Spine Journal, 2016, 16, S336.	0.6	1
94	Variability Over Time of Preoperative Sagittal Alignment Parameters. Spine, 2016, 41, 1896-1902.	1.0	1
95	Patient Profiling Can Identify Spondylolisthesis Patients at Risk for Conversion from Nonoperative to Operative Treatment. JBJS Open Access, 2018, 3, e0051.	0.8	1
96	Residual lumbar hyperlordosis is associated with worsened hip status 5 years after scoliosis correction in non-ambulant patients with cerebral palsy. Spine Deformity, 2021, 9, 1125-1136.	0.7	1
97	Looking Ahead: What Long-Term Outcomes Can We Expect from Spinal Devices for Degenerative Disc Disease. Journal of Long-Term Effects of Medical Implants, 2008, 18, 309-319.	0.2	1
98	Use of a Novel Computerized Drill for Pedicle Screw Insertion in the Thoracic and Lumbar Spine: A Cadaveric Study. International Journal of Spine Surgery, 2019, 13, 329-335.	0.7	1
99	Static Evaluation of Distraction Associated With Axial Rotation of the CerviCore® Intervertebral Disc Prosthesis. , 2010, , .		0
100	Promoting multidisciplinary collaboration: letter to the editor in response to Schoenfeld AJ, Bhalla A, George J, Harris MB, Bono CM, "Academic productivity and contributions to the literature among spine surgery fellowship faculty" Spine Journal, 2015, 15, 2297-2298.	0.6	0
101	CORR Insights®: Which Variables Are Associated With Patient-reported Outcomes After Discectomy? Review of SPORT Disc Herniation Studies. Clinical Orthopaedics and Related Research, 2015, 473, 2007-2008.	0.7	0
102	Total Disability Index (TDI): A Single Functional Status Measure in Patients with Neck and/or Back Pain. Spine Journal, 2016, 16, S303.	0.6	0
103	Intraoperative Fluid (IVF) Administration during Multilevel Spine Surgery Impacts Extubation Status: A Propensity Score Matched Analysis. Spine Journal, 2016, 16, S311.	0.6	0
104	Estimated Blood Loss is a Weak Predictor of Major Complications in Adult Spinal Deformity Surgery. Spine Journal, 2016, 16, S264.	0.6	0
105	Life Is a Lordosing Event in the Subaxial Cervical Spine: An Analysis of Upper and Lower Cervical Regions Based on Age and Thoracolumbar Sagittal Malalignment. Spine Journal, 2016, 16, S281-S282.	0.6	0
106	Predicting Satisfied, Nondepressed with Optimal Self-Image Patients at Two-Year Follow-Up: Propensity Matched Comparisons in Operative and Nonoperative Adult Spinal Deformity Cohorts. Spine Journal, 2016, 16, S345.	0.6	0
107	Outcomes of Open Staged Corrective Surgery in the Setting of Adult Spinal Deformity. Spine Journal, 2016, 16, S375.	0.6	0
108	Thresholds of Body Mass Index as a Predictor of Morbidity in Lumbar Spinal Surgery Based on Surgical Invasiveness. Spine Journal, 2016, 16, S192-S193.	0.6	0

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109	Congenital versus Idiopathic Scoliosis: Comparison of In-Hospital Comorbidities Using Nationwide Inpatient Database (KID). Spine Journal, 2016, 16, S268-S269.	0.6	0
110	Low Body Mass is a Negative Independent Risk Factor in Elective Cervical Spine Surgery. Spine Journal, 2016, 16, S267-S268.	0.6	0
111	Lumbar Stenosis Severity Predicts Worsening Sagittal Malalignment on Full-Body Standing Stereoradiographs. Spine Journal, 2016, 16, S341.	0.6	0
112	254. 3D spinal alignment, thoracic volume and pulmonary function in surgical correction of AIS: a five-year follow-up study. Spine Journal, 2019, 19, S124-S125.	0.6	0
113	P142. Management of coronal malalignment in the setting of fractional curve correction. Spine Journal, 2019, 19, S224.	0.6	0
114	73. Tranexamic acid in patients undergoing adult spinal deformity surgery. Spine Journal, 2019, 19, S36.	0.6	0
115	312. Residual lumbar hyperlordosis is associated with worsened hip status 5 years after cerebral palsy scoliosis correction. Spine Journal, 2019, 19, S152.	0.6	0
116	Intraoperative considerations in elderly patients undergoing spine surgery. Seminars in Spine Surgery, 2020, 32, 100832.	0.1	0