

John B Emans

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,376
citations

394421

19
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48
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all docs

68
docs citations

68
times ranked

1244
citing authors

#	ARTICLE	IF	CITATIONS
1	A Meta-Analysis of the Efficacy of Non-Operative Treatments for Idiopathic Scoliosis* **. Journal of Bone and Joint Surgery - Series A, 1997, 79, 664-674.	3.0	339
2	The Boston Bracing System for Idiopathic Scoliosis. Spine, 1986, 11, 792-801.	2.0	292
3	The Treatment of Spine and Chest Wall Deformities With Fused Ribs by Expansion Thoracostomy and Insertion of Vertical Expandable Prosthetic Titanium Rib. Spine, 2005, 30, S58-S68.	2.0	201
4	Complications of Growth-Sparing Surgery in Early Onset Scoliosis. Spine, 2010, 35, 2193-2204.	2.0	142
5	Best Practices in Intraoperative Neuromonitoring in Spine Deformity Surgery: Development of an Intraoperative Checklist to Optimize Response. Spine Deformity, 2014, 2, 333-339.	1.5	135
6	Growing Rod Fractures. Spine, 2011, 36, 1639-1644.	2.0	123
7	Growing Rods for Spinal Deformity: Characterizing Consensus and Variation in Current Use. Journal of Pediatric Orthopaedics, 2010, 30, 264-270.	1.2	107
8	Non-Neurologic Complications Following Surgery for Adolescent Idiopathic Scoliosis. Journal of Bone and Joint Surgery - Series A, 2007, 89, 2427-2432.	3.0	104
9	Avoidance of â€œFinalâ€ Surgical Fusion After Growing-Rod Treatment for Early-Onset Scoliosis. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1073-1078.	3.0	72
10	Tranexamic Acid Is Efficacious at Decreasing the Rate of Blood Loss in Adolescent Scoliosis Surgery. Journal of Bone and Joint Surgery - Series A, 2018, 100, 2024-2032.	3.0	69
11	How Does Thoracic Kyphosis Affect Patient Outcomes in Growing Rod Surgery?. Spine, 2012, 37, 1303-1309.	2.0	67
12	The Final 24-Item Early Onset Scoliosis Questionnaires (EOSQ-24): Validity, Reliability and Responsiveness. Journal of Pediatric Orthopaedics, 2018, 38, 144-151.	1.2	66
13	Role of Flexionâ€”Extension Radiographs in Blunt Pediatric Cervical Spine Injury. Academic Emergency Medicine, 2001, 8, 237-245.	1.8	63
14	Are More Screws Better? A Systematic Review of Anchor Density and Curve Correction in Adolescent Idiopathic Scoliosis. Spine Deformity, 2013, 1, 237-247.	1.5	56
15	Growing Rods Versus Shilla Growth Guidance: Better Cobb Angle Correction and T1â€”S1 Length Increase But More Surgeries. Spine Deformity, 2015, 3, 246-252.	1.5	52
16	Final Fusion After Growing-Rod Treatment for Early Onset Scoliosis. Journal of Bone and Joint Surgery - Series A, 2016, 98, 1913-1917.	3.0	47
17	Surgical and Health-related Quality-of-Life Outcomes of Growing Rod â€œGraduatesâ€ With Severe versus Moderate Early-onset Scoliosis. Spine, 2019, 44, 698-706.	2.0	27
18	Complications and Radiographic Outcomes of Posterior Spinal Fusion and Observation in Patients Who Have Undergone Distraction-Based Treatment for Early Onset Scoliosis. Spine Deformity, 2016, 4, 407-412.	1.5	26

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19	Implementing a Multidisciplinary Clinical Pathway Can Reduce the Deep Surgical Site Infection Rate After Posterior Spinal Fusion in High-Risk Patients. <i>Spine Deformity</i> , 2019, 7, 33-39.	1.5	25
20	Anterior Spinal Fusion and Posterior Spinal Fusion Both Effectively Treat Lenke Type 5 Curves in Adolescent Idiopathic Scoliosis: A Multicenter Study*. <i>Spine Deformity</i> , 2018, 6, 231-240.	1.5	24
21	Myelodysplasia—the Musculoskeletal Problem: Habilitation from Infancy to Adulthood. <i>Physical Therapy</i> , 1991, 71, 935-946.	2.4	19
22	Retrieval and clinical analysis of distraction-based dual growing rod constructs for early-onset scoliosis. <i>Spine Journal</i> , 2017, 17, 1506-1518.	1.3	19
23	Nutritional improvement following growing rod surgery in children with early onset scoliosis. <i>Journal of Children's Orthopaedics</i> , 2014, 8, 251-256.	1.1	17
24	Spinal deformity progression after posterior segmental instrumentation and fusion for idiopathic scoliosis. <i>Journal of Children's Orthopaedics</i> , 2015, 9, 29-37.	1.1	17
25	What Are the Indications for Spinal Fusion Surgery in Scheuermann Kyphosis?. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, 217-221.	1.2	16
26	Risk Factors for Coronal Decompensation After Posterior Spinal Instrumentation and Fusion in Adolescent Idiopathic Scoliosis. <i>Spine Deformity</i> , 2014, 2, 380-385.	1.5	15
27	Efficacy of Intraoperative Neurophysiologic Monitoring for Pediatric Cervical Spine Surgery. <i>Spine</i> , 2017, 42, 974-978.	2.0	13
28	Efficacy of bracing in skeletally immature patients with moderate to severe idiopathic scoliosis curves between 40° and 60°. <i>Spine Deformity</i> , 2020, 8, 911-920.	1.5	13
29	Construct Levels to Anchored Levels Ratio and Rod Diameter Are Associated With Implant-Related Complications in Traditional Growing Rods. <i>Spine Deformity</i> , 2018, 6, 320-326.	1.5	11
30	Five or more proximal anchors and including upper end vertebra protects against reoperation in distraction-based growing rods. <i>Spine Deformity</i> , 2020, 8, 781-786.	1.5	11
31	Comparison of Percentile Weight Gain of Growth-Friendly Constructs in Early-Onset Scoliosis. <i>Spine Deformity</i> , 2018, 6, 43-47.	1.5	10
32	Adverse Perioperative Events in Children with Complex Congenital Heart Disease Undergoing Operative Scoliosis Repair in the Contemporary Era. <i>Pediatric Cardiology</i> , 2019, 40, 1468-1475.	1.3	10
33	Spine Deformity With Fused Ribs Treated With Proximal Rib- Versus Spine-Based Growing Constructs. <i>Spine Deformity</i> , 2019, 7, 152-157.	1.5	10
34	Why Irrigate for the Same Contamination Rate: Wound Contamination in Pediatric Spinal Surgery Using Betadine Versus Saline. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, e994-e998.	1.2	10
35	Risk Factors for Reoperation Following Final Fusion After the Treatment of Early-Onset Scoliosis with Traditional Growing Rods. <i>Journal of Bone and Joint Surgery - Series A</i> , 2020, 102, 1672-1678.	3.0	9
36	Interleukin-10 and Zonulin Are Associated With Postoperative Delayed Gastric Emptying in Critically Ill Surgical Pediatric Patients: A Prospective Pilot Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 44, 1407-1416.	2.6	9

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37	The Association Between the Classification of Early-onset Scoliosis and Smith Complications After Initiation of Growth-friendly Spine Surgery: A Preliminary Study. <i>Journal of Pediatric Orthopaedics</i> , 2019, 39, e737-e741.	1.2	8
38	Chiari I malformations with syringomyelia: long-term results of neurosurgical decompression. <i>Spine Deformity</i> , 2020, 8, 233-243.	1.5	8
39	Surgical Correction of Scoliosis in Children With Severe Congenital Heart Disease and Palliated Single Ventricle Physiology. <i>Spine</i> , 2020, Publish Ahead of Print, E791-E796.	2.0	8
40	Matched Comparison of Magnetically Controlled Growing Rods with Traditional Growing Rods in Severe Early-Onset Scoliosis of $\geq 90^\circ$. <i>Journal of Bone and Joint Surgery - Series A</i> , 2022, 104, 41-48.	3.0	8
41	Combined preoperative traction with instrumented posterior occipitocervical fusion for severe ventral brainstem compression secondary to displaced os odontoideum: technical report of 2 cases. <i>Journal of Neurosurgery: Pediatrics</i> , 2016, 18, 724-729.	1.3	7
42	Surgical Treatment of Developmental Spondylolisthesis: Contemporary Series With a Two-Surgeon Team. <i>Spine Deformity</i> , 2019, 7, 275-285.	1.5	7
43	Intraoperative Use of O-arm in Pediatric Cervical Spine Surgery. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, e266-e271.	1.2	7
44	Scoliosis with Chiari I malformation without associated syringomyelia. <i>Spine Deformity</i> , 2021, 9, 1105-1113.	1.5	6
45	Treatment of Early-onset Scoliosis: Similar Outcomes Despite Different Etiologic Subtypes in Traditional Growing Rod Graduates. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, 10-16.	1.2	6
46	Parent-to-Parent Advice on Considering Spinal Fusion in Children with Neuromuscular Scoliosis. <i>Journal of Pediatrics</i> , 2019, 213, 149-154.	1.8	5
47	The Effect of Expansion Thoracostomy on Spine Growth in Patients with Spinal Deformity and Fused Ribs Treated with Rib-Based Growing Constructs. <i>Spine Deformity</i> , 2019, 7, 836-841.	1.5	5
48	An initial effort to define an early onset scoliosis "graduate" - The Pediatric Spine Study Group experience. <i>Spine Deformity</i> , 2021, 9, 679-683.	1.5	5
49	Growth-Friendly Spine Surgery in Arthrogyposis Multiplex Congenita. <i>Journal of Bone and Joint Surgery - Series A</i> , 2021, 103, 715-726.	3.0	5
50	Perioperative acute neurological deficits in instrumented pediatric cervical spine fusions. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 528-538.	1.3	5
51	Intraoperative Neuromonitoring Applications and Issues in Pediatric Spinal Deformity Surgery. <i>Spine Deformity</i> , 2012, 1, 71-74.	1.5	4
52	Distraction-Based Treatment Maintains Predicted Thoracic Dimensions in Early-Onset Scoliosis. <i>Spine Deformity</i> , 2014, 2, 203-207.	1.5	4
53	Do Thoracolumbar/lumbar Curves Respond Differently to Growing Rod Surgery Compared With Thoracic Curves?. <i>Spine Deformity</i> , 2014, 2, 475-480.	1.5	4
54	Hemoglobin Levels Pre- and Posttreatment as a Surrogate for Disease Severity in Early-Onset Scoliosis. <i>Spine Deformity</i> , 2019, 7, 641-646.	1.5	4

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55	Pelvic Obliquity Correction in Distraction-Based Growth Friendly Implants. <i>Spine Deformity</i> , 2019, 7, 985-991.	1.5	4
56	Vitamin D levels and pain outcomes in adolescent idiopathic scoliosis patients undergoing spine fusion. <i>Spine Deformity</i> , 2021, 9, 997-1004.	1.5	4
57	Prospectively collected surgeon indications for discontinuation of a lengthening program for early-onset scoliosis. <i>Spine Deformity</i> , 2020, 8, 129-133.	1.5	3
58	The Impact of Unplanned Return to the Operating Room on Health-related Quality of Life at the End of Growth-friendly Surgical Treatment for Early-onset Scoliosis. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, 17-22.	1.2	3
59	Mortality in Early-Onset Scoliosis During the Growth-friendly Surgery Era. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, 131-137.	1.2	3
60	The Effect of Surgeon Experience on Outcomes Following Growth Friendly Instrumentation for Early Onset Scoliosis. <i>Journal of Pediatric Orthopaedics</i> , 2022, 42, e132-e137.	1.2	2
61	Bracing for juvenile idiopathic scoliosis: retrospective review from bracing to skeletal maturity. <i>Spine Deformity</i> , 2022, 10, 1349-1358.	1.5	2
62	Does bracing for adolescent idiopathic scoliosis affect operative results?. <i>Spine Deformity</i> , 2020, 8, 427-432.	1.5	1
63	Preoperative hematocrit and platelet count are associated with blood loss during spinal fusion for children with neuromuscular scoliosis. <i>Journal of Perioperative Practice</i> , 2021, , 175045892096263.	0.5	1
64	Early outcomes of growth friendly instrumentation in children with Williams syndrome. <i>Spine Deformity</i> , 2022, , 1.	1.5	1
65	Spinal Deformity in Sotos Syndrome: First Results of Growth-friendly Spine Surgery. <i>Journal of Pediatric Orthopaedics</i> , 2020, 40, 453-461.	1.2	0
66	Diagnosing and treating native spinal and pelvic osteomyelitis in adolescents. <i>Spine Deformity</i> , 2020, 8, 1001-1008.	1.5	0
67	A report of two conservative approaches to early onset scoliosis: serial casting and bracing. <i>Spine Deformity</i> , 2021, 9, 595-602.	1.5	0
68	Variability in Antibiotic Treatment of Pediatric Surgical Site Infection After Spinal Fusion at A Single Institution. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e380-e385.	1.2	0