

# Brian J C Freeman

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11571991/publications.pdf>

Version: 2024-02-01

56  
papers

2,077  
citations

318942

23  
h-index

263392

45  
g-index

56  
all docs

56  
docs citations

56  
times ranked

2088  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lumbar spine loads are reduced for activities of daily living when using a braced arm-to-thigh technique. <i>European Spine Journal</i> , 2021, 30, 1035-1042.	1.0	3
2	Investigating the Effect of Axial Compression and Distraction on Cervical Facet Mechanics During Supraphysiologic Anterior Shear. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	0.6	3
3	Local Bone Grafting Is Sufficient for Instrumented Adolescent Idiopathic Scoliosis Surgery: A Preliminary Study. <i>Journal of Pediatric Orthopaedics</i> , 2021, 41, e641-e645.	0.6	2
4	Cauda Equina Syndrome Core Outcome Set (CESCOS): An international patient and healthcare professional consensus for research studies. <i>PLoS ONE</i> , 2020, 15, e0225907.	1.1	16
5	A braced arm-to-thigh (BATT) lifting technique reduces lumbar spine loads in healthy and low back pain participants. <i>Journal of Biomechanics</i> , 2020, 100, 109584.	0.9	7
6	Mechanisms of Failure Following Simulated Repetitive Lifting. <i>Spine</i> , 2020, 45, 357-367.	1.0	7
7	Do Children With Spinal Deformity Who Have Metal Implants and Frequent Exposure to X-Rays Increase Their Risk of Cancer?. <i>Spine</i> , 2020, 45, 1200-1207.	1.0	8
8	Chromium Metal Ion Release During Instrumented Spinal Surgery in Children. <i>Spine</i> , 2020, 45, 1619-1624.	1.0	6
9	Title is missing!. , 2020, 15, e0225907.		0
10	Title is missing!. , 2020, 15, e0225907.		0
11	Title is missing!. , 2020, 15, e0225907.		0
12	Title is missing!. , 2020, 15, e0225907.		0
13	Validation of an OpenSim full-body model with detailed lumbar spine for estimating lower lumbar spine loads during symmetric and asymmetric lifting tasks. <i>Computer Methods in Biomechanics and Biomedical Engineering</i> , 2019, 22, 451-464.	0.9	73
14	Does nanoscale porous titanium coating increase lumbar spinal stiffness of an interbody fusion cage? An in vivo biomechanical analysis in an ovine model. <i>Clinical Biomechanics</i> , 2019, 67, 187-196.	0.5	8
15	The effect of axial compression and distraction on cervical facet mechanics during anterior shear, flexion, axial rotation, and lateral bending motions. <i>Journal of Biomechanics</i> , 2019, 83, 205-213.	0.9	7
16	Acute Thoracolumbar Spinal Cord Injury. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, 305-315.	1.4	31
17	Quantitative evaluation of facet deflection, stiffness, strain and failure load during simulated cervical spine trauma. <i>Journal of Biomechanics</i> , 2018, 72, 116-124.	0.9	11
18	Traumatic subaxial cervical facet subluxation and dislocation: epidemiology, radiographic analyses, and risk factors for spinal cord injury. <i>Spine Journal</i> , 2018, 18, 387-398.	0.6	37

#	ARTICLE	IF	CITATIONS
19	The Biomechanics of the Inter-Lamellar Matrix and the Lamellae During Progression to Lumbar Disc Herniation: Which is the Weakest Structure?. <i>Annals of Biomedical Engineering</i> , 2018, 46, 1280-1291.	1.3	24
20	Predictive Factors for the Outcome of Surgical Treatment of Lumbar Spondylolysis in Young Sporting Individuals. <i>Global Spine Journal</i> , 2018, 8, 121-128.	1.2	20
21	Is the duration of pre-operative conservative treatment associated with the clinical outcome following surgical decompression for lumbar spinal stenosis? A study based on the Spine Tango Registry. <i>European Spine Journal</i> , 2017, 26, 488-500.	1.0	25
22	Restoring lumbar spine stiffness using an interspinous implant in an ovine model of instability. <i>Clinical Biomechanics</i> , 2016, 33, 85-91.	0.5	0
23	Early Decompression following Cervical Spinal Cord Injury: Examining the Process of Care from Accident Scene to Surgery. <i>Journal of Neurotrauma</i> , 2016, 33, 1161-1169.	1.7	23
24	Early Rapid Neurological Assessment for Acute Spinal Cord Injury Trials. <i>Journal of Neurotrauma</i> , 2016, 33, 1936-1945.	1.7	6
25	An optimized method for obtaining adult rat spinal cord motor neurons to be used for tissue culture. <i>Journal of Neuroscience Methods</i> , 2016, 273, 128-137.	1.3	1
26	Allogeneic Mesenchymal Precursor Cells Promote Healing in Postero-lateral Annular Lesions and Improve Indices of Lumbar Intervertebral Disc Degeneration in an Ovine Model. <i>Spine</i> , 2016, 41, 1331-1339.	1.0	36
27	Local and systemic metal ion release occurs intraoperatively during correction and instrumented spinal fusion for scoliosis. <i>Journal of Children's Orthopaedics</i> , 2015, 9, 39-43.	0.4	20
28	Detecting Facet Joint and Lateral Mass Injuries of the Subaxial Cervical Spine in Major Trauma Patients. <i>Asian Spine Journal</i> , 2015, 9, 327.	0.8	5
29	Letters. <i>Spine</i> , 2014, 39, 1263.	1.0	0
30	Serum titanium, niobium and aluminium levels two years following instrumented spinal fusion in children: does implant surface area predict serum metal ion levels?. <i>European Spine Journal</i> , 2014, 23, 2393-2400.	1.0	25
31	Ten-year survival and clinical outcome of the AcroFlex lumbar disc replacement for the treatment of symptomatic disc degeneration. <i>Spine Journal</i> , 2013, 13, 13-21.	0.6	30
32	A Comparison of Radiostereometric Analysis and Computed Tomography for the Assessment of Lumbar Spinal Fusion in a Sheep Model. <i>Evidence-based Spine-care Journal</i> , 2013, 04, 078-089.	0.9	6
33	Randomized, Double-blind, Placebo-Controlled, Trial of Transforaminal Epidural Etanercept for the Treatment of Symptomatic Lumbar Disc Herniation. <i>Spine</i> , 2013, 38, 1986-1994.	1.0	58
34	Serum Titanium, Niobium, and Aluminum Levels After Instrumented Spinal Arthrodesis in Children. <i>Spine</i> , 2013, 38, 564-570.	1.0	38
35	Radiologic Assessment of Spinal Fusion. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2012, 20, 694-703.	1.1	39
36	The role of lumbar disc replacement in the surgical management of low back pain. <i>British Journal of Hospital Medicine (London, England: 2005)</i> , 2012, 73, 38-43.	0.2	3

#	ARTICLE	IF	CITATIONS
37	Reviewer's comment concerning "Abnormal activation of the motor cortical network in idiopathic scoliosis demonstrated by functional MRI" (doi:10.1007/s00586-011-1776-8) by J. Domenech et al.. European Spine Journal, 2011, 20, 1079-1080.	1.0	2
38	Intervertebral disc properties: challenges for biodevices. Expert Review of Medical Devices, 2011, 8, 357-376.	1.4	25
39	Chromium Ion Release From Stainless Steel Pediatric Scoliosis Instrumentation. Spine, 2010, 35, 967-974.	1.0	27
40	Predictors of Serum Chromium Levels After Stainless Steel Posterior Spinal Instrumentation for Adolescent Idiopathic Scoliosis. Spine, 2010, 35, 975-982.	1.0	16
41	Efficacy of IDET and PIRFT for the Treatment of Discogenic Low Back Pain. , 2010, , 95-100.		1
42	The Management of Spondylolysis and Spondylolisthesis. , 2010, , 137-145.		0
43	2009 ISSLS Prize Winner: What Influence Does Sustained Mechanical Load Have on Diffusion in the Human Intervertebral Disc?. Spine, 2009, 34, 2324-2337.	1.0	71
44	Intradiscal electrothermal therapy, percutaneous discectomy, and nucleoplasty: What is the current evidence?. Current Pain and Headache Reports, 2008, 12, 14-21.	1.3	30
45	Concepts on the pathogenesis of adolescent idiopathic scoliosis. Bone growth and mass, vertebral column, spinal cord, brain, skull, extra-spinal left-right skeletal length asymmetries, disproportions and molecular pathogenesis. Studies in Health Technology and Informatics, 2008, 135, 3-52.	0.2	37
46	ISSLS Prize Winner: Cost-Effectiveness of Two Forms of Circumferential Lumbar Fusion. Spine, 2007, 32, 2891-2897.	1.0	22
47	Clinical Outcome of Symptomatic Unilateral Stress Injuries of the Lumbar Pars Interarticularis. Spine, 2007, 32, 995-1000.	1.0	50
48	C7 decancellation closing wedge osteotomy for the correction of fixed cervico-thoracic kyphosis. European Spine Journal, 2007, 16, 1471-1478.	1.0	70
49	The impact of surgical wait time on patient-based outcomes in posterior lumbar spine surgery (by J.) Tj ETQq1 1 0.784314 rgBT /Overl 1.0		
50	IDET: a critical appraisal of the evidence. European Spine Journal, 2006, 15, 448-457.	1.0	47
51	Total disc replacement in the lumbar spine: a systematic review of the literature. European Spine Journal, 2006, 15, 439-447.	1.0	132
52	A Randomized, Double-Blind, Controlled Trial. Spine, 2005, 30, 2369-2377.	1.0	194
53	Bilateral occipital condyle fractures leading to retropharyngeal haematoma and acute respiratory distress. Injury, 2005, 36, 207-212.	0.7	13
54	A prospective, randomised controlled trial of femoral ring allograft versus a titanium cage in circumferential lumbar spinal fusion with minimum 2-year clinical results. European Spine Journal, 2005, 14, 727-737.	1.0	54

#	ARTICLE	IF	CITATIONS
55	Does Intradiscal Electrothermal Therapy Denervate and Repair Experimentally Induced Posterolateral Annular Tears in an Animal Model?. Spine, 2003, 28, 2602-2608.	1.0	72
56	Mechanical Initiation of Intervertebral Disc Degeneration. Spine, 2000, 25, 1625-1636.	1.0	632