

# Nathaniel W Jenkins

## List of Publications by Year in descending order

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47  
papers

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citations

932766

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580395

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g-index

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docs citations

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times ranked

987  
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#	ARTICLE	IF	CITATIONS
1	A Deep Learning Model to Predict a Diagnosis of Alzheimer Disease by Using <sup>18</sup> F-FDG PET of the Brain. <i>Radiology</i> , 2019, 290, 456-464.	3.6	413
2	Validation of PROMIS Physical Function in MIS TLIF. <i>Spine</i> , 2020, 45, E1516-E1522.	1.0	26
3	Quantitative Evaluation of Atlas-based Attenuation Correction for Brain PET in an Integrated Time-of-Flight PET/MR Imaging System. <i>Radiology</i> , 2017, 284, 169-179.	3.6	19
4	Are Preoperative PHQ-9 Scores Predictive of Postoperative Outcomes Following Anterior Cervical Discectomy and Fusion?. <i>Clinical Spine Surgery</i> , 2020, 33, E486-E492.	0.7	16
5	Outpatient Minimally Invasive Lumbar Fusion Using Multimodal Analgesic Management in the Ambulatory Surgery Setting. <i>International Journal of Spine Surgery</i> , 2020, 14, 970-981.	0.7	16
6	Intraoperative risks of radiation exposure for the surgeon and patient. <i>Annals of Translational Medicine</i> , 2021, 9, 84-84.	0.7	15
7	The influence of cognitive behavioral therapy on lumbar spine surgery outcomes: a systematic review and meta-analysis. <i>European Spine Journal</i> , 2021, 30, 1365-1379.	1.0	14
8	[ <sup>18</sup> F]-Sodium Fluoride PET MR-Based Localization and Quantification of Bone Turnover as a Biomarker for Facet Joint-Induced Disability. <i>American Journal of Neuroradiology</i> , 2017, 38, 2028-2031.	1.2	13
9	Validity of Patient Health Questionnaire-9 in Minimally Invasive Lumbar Interbody Fusion. <i>Spine</i> , 2020, 45, E663-E669.	1.0	12
10	Validating the VR-12 Physical Function Instrument After Anterior Cervical Discectomy and Fusion with SF-12, PROMIS, and NDI. <i>HSS Journal</i> , 2020, 16, 443-451.	0.7	11
11	Complications Following Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>Clinical Spine Surgery</i> , 2020, 33, E236-E240.	0.7	11
12	The Relationship Between Preoperative PROMIS Scores With Postoperative Improvements in Physical Function After Anterior Cervical Discectomy and Fusion. <i>Neurospine</i> , 2020, 17, 398-406.	1.1	11
13	Evaluation of Postoperative Mental Health Outcomes in Patients Based on Patient-Reported Outcome Measurement Information System Physical Function Following Anterior Cervical Discectomy and Fusion. <i>Neurospine</i> , 2020, 17, 184-189.	1.1	11
14	A Validation of Patient Health Questionnaire-9 for Cervical Spine Surgery. <i>Spine</i> , 2020, 45, 1668-1675.	1.0	9
15	The Association of Preoperative Duration of Symptoms With Clinical Outcomes and Minimal Clinically Important Difference Following Anterior Cervical Discectomy and Fusion. <i>Clinical Spine Surgery</i> , 2020, 33, 378-381.	0.7	9
16	Risk Factors for Medical and Surgical Complications After Single-Level Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>International Journal of Spine Surgery</i> , 2020, 14, 125-132.	0.7	9
17	Improvements in Back and Leg Pain Following a Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>International Journal of Spine Surgery</i> , 2020, 14, 745-755.	0.7	9
18	Patient-Reported Outcomes Measurement Information System Physical Function Validation for Use in Anterior Cervical Discectomy and Fusion: A 2-Year Follow-up Study. <i>Neurospine</i> , 2021, 18, 155-162.	1.1	8

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19	Charlson Comorbidity Index: An Inaccurate Predictor of Minimally Invasive Lumbar Spinal Fusion Outcomes. <i>International Journal of Spine Surgery</i> , 2021, 15, 770-779.	0.7	8
20	Multimodal Analgesic Management for Cervical Spine Surgery in the Ambulatory Setting. <i>International Journal of Spine Surgery</i> , 2021, 15, 219-227.	0.7	7
21	Predictors of inpatient admission in the setting of anterior lumbar interbody fusion: a Minimally Invasive Spine Study Group (MISSG) investigation. <i>Journal of Neurosurgery: Spine</i> , 2020, 33, 446-454.	0.9	7
22	A Review of Vitamin D in Spinal Surgery: Deficiency Screening, Treatment, and Outcomes. <i>International Journal of Spine Surgery</i> , 2020, 14, 447-454.	0.7	7
23	The identification of risk factors for increased postoperative pain following minimally invasive transforaminal lumbar interbody fusion. <i>European Spine Journal</i> , 2020, 29, 1304-1310.	1.0	6
24	The Perioperative Symptom Severity of Higher Patient Health Questionnaire-9 Scores Between Genders in Single-Level Lumbar Fusion. <i>International Journal of Spine Surgery</i> , 2021, 15, 62-73.	0.7	6
25	Association of Preoperative PROMIS Scores With Short-term Postoperative Improvements in Physical Function After Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>Neurospine</i> , 2020, 17, 417-425.	1.1	6
26	Longitudinal Evaluation of Patient-Reported Outcomes Measurement Information System for Back and Leg Pain in Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>Neurospine</i> , 2020, 17, 862-870.	1.1	6
27	The influence of gender on postoperative PROMIS physical function outcomes following minimally invasive transforaminal lumbar interbody fusion. <i>Journal of Clinical Orthopaedics and Trauma</i> , 2020, 11, 910-915.	0.6	5
28	The Worldwide Influence of Social Media on Cervical Spine Literature. <i>International Journal of Spine Surgery</i> , 2022, 16, 264-271.	0.7	5
29	Preoperative patient activation is predictive of improvements in patient-reported outcomes following minimally invasive lumbar decompression. <i>European Spine Journal</i> , 2020, 29, 2222-2230.	1.0	3
30	Outcomes of Expandable Interbody Devices in Lumbar Fusion. <i>Clinical Spine Surgery</i> , 2020, 33, 230-243.	0.7	3
31	Patient Health Questionnaire-9 Is a Valid Assessment for Depression in Minimally Invasive Lumbar Discectomy. <i>Neurospine</i> , 2021, 18, 369-376.	1.1	3
32	Validation of VR-12 Physical Function in Minimally Invasive Lumbar Discectomy. <i>World Neurosurgery</i> , 2021, 155, e362-e368.	0.7	3
33	Multimodal Analgesic Management for Lumbar Decompression Surgery in the Ambulatory Setting: Clinical Case Series and Review of the Literature. <i>World Neurosurgery</i> , 2021, 154, e656-e664.	0.7	3
34	The Influence of Sex on Clinical Outcomes in Minimally Invasive Lumbar Decompression. <i>International Journal of Spine Surgery</i> , 2021, 15, 763-769.	0.7	2
35	Association of Preoperative Physical Function and Changes in Mental Health After Minimally Invasive Transforaminal Lumbar Interbody Fusion. <i>International Journal of Spine Surgery</i> , 2021, 15, 1115-1122.	0.7	2
36	Preface for focused issue: ambulatory spine surgery. <i>Journal of Spine Surgery</i> , 2019, 5, S122-S123.	0.6	1

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37	Role of Gender in Improvement of Depressive Symptoms Among Patients Undergoing Cervical Spine Procedures. <i>Neurospine</i> , 2021, 18, 217-225.	1.1	1
38	A New Possible Standard in Evaluating Lower Extremity Motor Weakness. <i>Neurospine</i> , 2020, 17, 285-287.	1.1	1
39	Readability Analysis of Patient-Accessible Information Regarding Ambulatory Surgical Center Procedures. <i>International Journal of Spine Surgery</i> , 2021, 15, 8133.	0.7	1
40	Epidemiological Relevance of Elevated Preoperative Patient Health Questionnaire-9 Scores on Clinical Improvement Following Lumbar Decompression. <i>International Journal of Spine Surgery</i> , 2022, 16, 159-167.	0.7	1
41	Commentary: Anterior Cervical Discectomy and Fusion in the Outpatient Ambulatory Surgery Setting: Analysis of 2000 Consecutive Cases. <i>Neurosurgery</i> , 2020, 86, E316-E317.	0.6	0
42	Does day of surgery affect length of stay and hospital charges following lumbar decompression?. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2020, 27, 157-161.	0.1	0
43	Commentary: Patient-Controlled Analgesia Following Lumbar Spinal Fusion Surgery Is Associated With Increased Opioid Consumption and Opioid-Related Adverse Events. <i>Neurosurgery</i> , 2020, 87, E311-E312.	0.6	0
44	Response to Letter to the Editor by Soffin et al.. <i>International Journal of Spine Surgery</i> , 2021, 15, 850-852.	0.7	0
45	Balancing Choices to Recover From the COVID-19 Pandemic. <i>Neurospine</i> , 2020, 17, 339-341.	1.1	0
46	Recovery of Physical Function Based on Body Mass Index Following Anterior Cervical Discectomy and Fusion. <i>International Journal of Spine Surgery</i> , 2021, 15, 1123-1132.	0.7	0
47	Response to the Letter to the Editor of X. Zhou et al. concerning "the influence of cognitive behavioral therapy on lumbar spine surgery outcomes: a systematic review and meta-analysis" by Parish JM, et al. ( <i>Eur Spine J</i> [2021]; 30(5):1365-1379). <i>European Spine Journal</i> , 0, , .	1.0	0