

# Jeannie F Bailey

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9392572/publications.pdf>

Version: 2024-02-01

27  
papers

1,022  
citations

840728

11  
h-index

610883

24  
g-index

30  
all docs

30  
docs citations

30  
times ranked

1620  
citing authors

#	ARTICLE	IF	CITATIONS
1	Randomized controlled trial of a 12-week digital care program in improving low back pain. <i>Npj Digital Medicine</i> , 2019, 2, 1.	10.9	492
2	From the international space station to the clinic: how prolonged unloading may disrupt lumbar spine stability. <i>Spine Journal</i> , 2018, 18, 7-14.	1.3	92
3	Lumbar Spine Paraspinal Muscle and Intervertebral Disc Height Changes in Astronauts After Long-Duration Spaceflight on the International Space Station. <i>Spine</i> , 2016, 41, 1917-1924.	2.0	77
4	Digital Care for Chronic Musculoskeletal Pain: 10,000 Participant Longitudinal Cohort Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e18250.	4.3	76
5	The Relationship Between Endplate Pathology and Patient-reported Symptoms for Chronic Low Back Pain Depends on Lumbar Paraspinal Muscle Quality. <i>Spine</i> , 2019, 44, 1010-1017.	2.0	54
6	Effect of microgravity on the biomechanical properties of lumbar and caudal intervertebral discs in mice. <i>Journal of Biomechanics</i> , 2014, 47, 2983-2988.	2.1	39
7	Morphological and postural sexual dimorphism of the lumbar spine facilitates greater lordosis in females. <i>Journal of Anatomy</i> , 2016, 229, 82-91.	1.5	37
8	Paraspinal muscle imaging measurements for common spinal disorders: review and consensus-based recommendations from the ISSLS degenerative spinal phenotypes group. <i>European Spine Journal</i> , 2021, 30, 3428-3441.	2.2	30
9	Intervertebral disc herniation effects on multifidus muscle composition and resident stem cell populations. <i>JOR Spine</i> , 2020, 3, e1091.	3.2	14
10	Measurement of vertebral endplate bone marrow lesion (Modic change) composition with water-fat MRI and relationship to patient-reported outcome measures. <i>European Spine Journal</i> , 2021, 30, 2549-2556.	2.2	13
11	Biomechanical changes in the lumbar spine following spaceflight and factors associated with postspaceflight disc herniation. <i>Spine Journal</i> , 2022, 22, 197-206.	1.3	13
12	Neural innervation patterns in the sacral vertebral body. <i>European Spine Journal</i> , 2016, 25, 1932-1938.	2.2	12
13	Cross-sectional area of lumbar spinal muscles and vertebral endplates: a secondary analysis of 91 computed tomography images of children aged 2-20. <i>Journal of Anatomy</i> , 2018, 233, 358-369.	1.5	12
14	ISSLS PRIZE IN BIOENGINEERING SCIENCE 2019: biomechanical changes in dynamic sagittal balance and lower limb compensatory strategies following realignment surgery in adult spinal deformity patients. <i>European Spine Journal</i> , 2019, 28, 905-913.	2.2	11
15	Development of Pelvic Incidence and Lumbar Lordosis in Children and Adolescents. <i>Anatomical Record</i> , 2019, 302, 2132-2139.	1.4	9
16	Paraspinal Muscle in Chronic Low Back Pain: Comparison Between Standard Parameters and Chemical Shift Encoding-Based Water-Fat MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1600-1608.	3.4	9
17	Clinical outcomes one year after a digital musculoskeletal (MSK) program: an observational, longitudinal study with nonparticipant comparison group. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 237.	1.9	8
18	The Effect of Parity on Age-Related Degenerative Changes in Sagittal Balance. <i>Spine</i> , 2020, 45, E210-E216.	2.0	6

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19	Older Adult Use and Outcomes in a Digital Musculoskeletal (MSK) Program, by Generation. <i>Frontiers in Digital Health</i> , 2021, 3, 693170.	2.8	6
20	Spatial distribution of fat infiltration within the paraspinal muscles: implications for chronic low back pain. <i>European Spine Journal</i> , 2022, 31, 2875-2883.	2.2	5
21	Paraspinal muscle degeneration and regenerative potential in a Murine model of Lumbar Disc Injury. <i>North American Spine Society Journal (NASSJ)</i> , 2021, 6, 100061.	0.5	1
22	Automated assessment and classification of spine, hip, and knee pathologies from sit-to-stand movements collected in clinical practice. <i>Journal of Biomechanics</i> , 2021, 128, 110786.	2.1	1
23	Using hierarchical unsupervised learning to integrate and reduce multi-level and multi-paraspinal muscle MRI data in relation to low back pain. <i>European Spine Journal</i> , 2022, 31, 2046-2056.	2.2	1
24	Unsupervised Machine Learning on Motion Capture Data Uncovers Movement Strategies in Low Back Pain. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 868684.	4.1	1
25	Compensatory biomechanics and spinal loading during dynamic maneuvers in patients with chronic low back pain. <i>European Spine Journal</i> , 2022, 31, 1889-1896.	2.2	1
26	Clinical Outcomes After a Digital Musculoskeletal Program for Acute and Subacute Pain: Observational, Longitudinal Study With Comparison Group. <i>JMIR Rehabilitation and Assistive Technologies</i> , 2022, 9, e38214.	2.2	1
27	Dietary and caloric restriction and age-related spinal osteoarthritis: a longitudinal study of primates (1025.7). <i>FASEB Journal</i> , 2014, 28, 1025.7.	0.5	0