

# Jin Luo

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,089  
citations

471509

17  
h-index

434195

31  
g-index

33  
all docs

33  
docs citations

33  
times ranked

1148  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Vibration Training to Enhance Muscle Strength and Power. <i>Sports Medicine</i> , 2005, 35, 23-41.	6.5	234
2	Intervertebral Disc Decompression Following Endplate Damage. <i>Spine</i> , 2013, 38, 1473-1481.	2.0	90
3	ISSLS Prize Winner. <i>Spine</i> , 2014, 39, 1365-1372.	2.0	72
4	Mechanical efficacy of vertebroplasty: Influence of cement type, BMD, fracture severity, and disc degeneration. <i>Bone</i> , 2007, 40, 1110-1119.	2.9	71
5	Mechanical Function of Vertebral Body Osteophytes, as Revealed by Experiments on Cadaveric Spines. <i>Spine</i> , 2011, 36, 770-777.	2.0	64
6	Bone creep can cause progressive vertebral deformity. <i>Bone</i> , 2009, 45, 466-472.	2.9	58
7	Vertebroplasty. <i>Spine</i> , 2009, 34, 2865-2873.	2.0	56
8	Loading dose of physical activity is related to muscle strength and bone density in middle-aged women. <i>Bone</i> , 2014, 67, 41-45.	2.9	49
9	Time-Dependent Compressive Deformation of the Ageing Spine. <i>Spine</i> , 2010, 35, 386-394.	2.0	47
10	Vertebral fractures in the elderly may not always be "osteoporotic". <i>Bone</i> , 2010, 47, 111-116.	2.9	42
11	Effect of Vibration Training in Maximal Effort (70% 1RM) Dynamic Bicep Curls. <i>Medicine and Science in Sports and Exercise</i> , 2007, 39, 526-533.	0.4	36
12	A portable vibrator for muscle performance enhancement by means of direct muscle tendon stimulation. <i>Medical Engineering and Physics</i> , 2005, 27, 513-522.	1.7	26
13	How are adjacent spinal levels affected by vertebral fracture and by vertebroplasty? A biomechanical study on cadaveric spines. <i>Spine Journal</i> , 2017, 17, 863-874.	1.3	26
14	Is kyphoplasty better than vertebroplasty in restoring normal mechanical function to an injured spine?. <i>Bone</i> , 2010, 46, 1050-1057.	2.9	23
15	Vertebral deformity arising from an accelerated "creep" mechanism. <i>European Spine Journal</i> , 2012, 21, 1684-1691.	2.2	23
16	Vertebroplasty and Kyphoplasty Can Restore Normal Spine Mechanics following Osteoporotic Vertebral Fracture. <i>Journal of Osteoporosis</i> , 2010, 2010, 1-9.	0.5	21
17	Autonomic Nervous Activity during Hand Immersion in Cold Water in Patients with Vibration-Induced White Finger.. <i>Industrial Health</i> , 2002, 40, 254-259.	1.0	18
18	An Accelerometry-Based Approach to Assess Loading Intensity of Physical Activity on Bone. <i>Research Quarterly for Exercise and Sport</i> , 2014, 85, 245-250.	1.4	16

#	ARTICLE	IF	CITATIONS
19	Changes of the adjacent discs and vertebrae in patients with osteoporotic vertebral compression fractures treated with or without bone cement augmentation. <i>Spine Journal</i> , 2020, 20, 1048-1055.	1.3	16
20	Effect of vibration magnitude and repetitive exposure on finger blood flow in healthy subjects. <i>International Archives of Occupational and Environmental Health</i> , 2000, 73, 281-284.	2.3	15
21	Spine Curvature Analysis between Participants with Obesity and Normal Weight Participants: A Biplanar Electromagnetic Device Measurement. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	15
22	Influence of Resistance Load on Neuromuscular Response to Vibration Training. <i>Journal of Strength and Conditioning Research</i> , 2009, 23, 420-426.	2.1	13
23	Passive elastic contribution of hip extensors to joint moments during walking in people with low back pain. <i>Clinical Biomechanics</i> , 2018, 60, 134-140.	1.2	12
24	How Does Obesity Influence the Risk of Vertebral Fracture? Findings From the UK Biobank Participants. <i>JBMR Plus</i> , 2020, 4, e10358.	2.7	12
25	Effect of vibration training on neuromuscular output with ballistic knee extensions. <i>Journal of Sports Sciences</i> , 2008, 26, 1365-1373.	2.0	10
26	Vertebroplasty reduces progressive $\times^3$ creep <sup>TM</sup> deformity of fractured vertebrae. <i>Journal of Biomechanics</i> , 2016, 49, 869-874.	2.1	9
27	Effects of bone damage on creep behaviours of human vertebral trabeculae. <i>Bone</i> , 2018, 106, 204-210.	2.9	7
28	Opposing patterns in self-reported and measured physical activity levels in middle-aged adults. <i>European Journal of Ageing</i> , 2022, 19, 567-573.	2.8	4
29	Pattern of physical activity can influence its efficacy on muscle and bone health in middle-aged men and women. <i>Sport Sciences for Health</i> , 2018, 14, 503-509.	1.3	2
30	A predictive model for creep deformation following vertebral compression fractures. <i>Bone</i> , 2020, 141, 115595.	2.9	1
31	Effects of Body Mass Index on Bone Loading Due to Physical Activity. <i>Journal of Applied Biomechanics</i> , 2018, 34, 7-13.	0.8	0
32	Morphometric measurements can improve prediction of progressive vertebral deformity following vertebral damage. <i>European Spine Journal</i> , 2022, 31, 70-78.	2.2	0