

# David J Mckeown

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6674294/publications.pdf>

Version: 2024-02-01

17  
papers

246  
citations

1478505

6  
h-index

1281871

11  
g-index

17  
all docs

17  
docs citations

17  
times ranked

356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative falls risk estimation through multi-sensor assessment of standing balance. <i>Physiological Measurement</i> , 2012, 33, 2049-2063.	2.1	49
2	Displacement of centre of mass during quiet standing assessed using accelerometry in older fallers and non-fallers. , 2012, 2012, 3300-3.		47
3	Wave-based control of non-linear flexible mechanical systems. <i>Nonlinear Dynamics</i> , 2009, 57, 113-123.	5.2	28
4	Intra- and inter-session reliability of vertical jump performance in healthy middle-aged and older men and women. <i>Journal of Sports Sciences</i> , 2011, 29, 1675-1682.	2.0	27
5	Reliability of quantitative TUG measures of mobility for use in falls risk assessment. , 2011, 2011, 466-9.		14
6	Taking balance measurement out of the laboratory and into the home: Discriminatory capability of novel centre of pressure measurement in fallers and non-fallers. , 2012, 2012, 3296-9.		13
7	Benefits of a worksite or home-based bench stepping intervention for sedentary middle-aged adults – a pilot study. <i>Clinical Physiology and Functional Imaging</i> , 2014, 34, 10-17.	1.2	10
8	Mission testing for improved reliability of CubeSats. , 2021, , .		10
9	Development of the EIRSAT-1 CubeSat through Functional Verification of the Engineering Qualification Model. <i>Aerospace</i> , 2021, 8, 254.	2.2	10
10	Time-Optimal Control of Flexible Robots Made Robust Through Wave-Based Feedback. <i>Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME</i> , 2011, 133, .	1.6	9
11	The Feasibility of Equine Field-Based Postural Sway Analysis Using a Single Inertial Sensor. <i>Sensors</i> , 2021, 21, 1286.	3.8	6
12	Thermal Vacuum Test Campaign of the EIRSAT-1 Engineering Qualification Model. <i>Aerospace</i> , 2022, 9, 99.	2.2	6
13	A new approach to modal analysis of uniform chain systems. <i>Journal of Sound and Vibration</i> , 2008, 311, 623-632.	3.9	5
14	The environmental test campaign of GMOD: a novel gamma-ray detector. , 2021, , .		5
15	Wave-Based Control - Implementation and Comparisons. <i>Proceedings of the American Control Conference</i> , 2007, , .	0.0	4
16	Mission Test Campaign for the EIRSAT-1 Engineering Qualification Model. <i>Aerospace</i> , 2022, 9, 100.	2.2	3
17	Wave-Based Control of a Mass-Restricted Robotic Arm for a Planetary Rover. <i>Springer Proceedings in Mathematics and Statistics</i> , 2016, , 225-240.	0.2	0