

Ali K El Wahed

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2202797/publications.pdf>

Version: 2024-02-01

8
papers

52
citations

1684188

5
h-index

1720034

7
g-index

8
all docs

8
docs citations

8
times ranked

42
citing authors

#	ARTICLE	IF	CITATIONS
1	Characteristics of magnetorheological fluids under single and mixed modes. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2017, 231, 3798-3809.	2.1	15
2	The performance of a smart ball-and-socket actuator applied to upper limb rehabilitation. Journal of Intelligent Material Systems and Structures, 2018, 29, 2811-2822.	2.5	9
3	Performance Evaluation of a Magnetorheological Fluid Damper Using Numerical and Theoretical Methods With Experimental Validation. Frontiers in Materials, 2019, 6, .	2.4	9
4	A Novel Hydraulic Actuation System Utilizing Magnetorheological Fluids for Single-Port Laparoscopic Surgery Applications. Materials, 2020, 13, 1380.	2.9	6
5	Magnetorheological fluids subjected to tension, compression, and oscillatory squeeze input. Smart Structures and Systems, 2015, 16, 961-980.	1.9	5
6	Development of a Novel Latching-Type Electromagnetic Actuator for Applications in Minimally Invasive Surgery. Actuators, 2020, 9, 41.	2.3	4
7	The design and performance of a smart ball-and-socket actuator. International Journal of Applied Electromagnetics and Mechanics, 2019, 60, 529-544.	0.6	2
8	The Performance of a Novel Latching-Type Electromagnetic Actuator for Single-Port Laparoscopic Surgery. Journal of Modern Physics, 2019, 10, 1659-1673.	0.6	2