

Ali K El Wahed

List of Publications by Year in descending order

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