

Mahmoud E Khater

List of Publications by Year in descending order

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9
papers

89
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

109
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrostatic arch micro-tweezers. International Journal of Non-Linear Mechanics, 2020, 118, 103298.	2.6	27
2	A Tunable MEMS Magnetic Sensor. Journal of Microelectromechanical Systems, 2017, 26, 255-263.	2.5	15
3	Nonlinear Parameter Identification of a Resonant Electrostatic MEMS Actuator. Sensors, 2017, 17, 1121.	3.8	15
4	Measuring the Quality Factor in MEMS Devices. Micromachines, 2015, 6, 1935-1945.	2.9	8
5	An overview of sensors and sensing materials for heavy metals in aqueous environments. Canadian Journal of Chemical Engineering, 2022, 100, 666-679.	1.7	8
6	On Design and Analysis of Electrostatic Arch Micro-Tweezers. Journal of Vibration and Acoustics, Transactions of the ASME, 2021, 143, .	1.6	8
7	A Mass Sensing Technique for Electrostatically-Actuated MEMS. , 2009, , .		5
8	Aqueous Media Electrostatic MEMS Sensors. , 2019, , .		2
9	On the sensitivity of bifurcation-based electrostatic MEMS sensors: cantilever with tip plate. Acta Mechanica, 2021, 232, 3033-3040.	2.1	1