

# Mina Ghanbari

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

136  
citations

1307594

7  
h-index

1281871

11  
g-index

20  
all docs

20  
docs citations

20  
times ranked

69  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating two-dimensional mechanical and thermal behavior of skin tissue in confronting with various laser irradiation. <i>International Journal of Thermal Sciences</i> , 2022, 172, 107366.	4.9	3
2	Analyzing the effect of existing bubbles in the interface liquid on the dynamic response of the strain-gauge type pressure sensor. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 196, 111255.	5.0	1
3	A MEMS-based methodology for measurement of effective density and viscosity of nanofluids. <i>European Journal of Mechanics, B/Fluids</i> , 2021, 86, 67-77.	2.5	11
4	Estimating the effective quality factor of a rotary comb-drive microresonator based on a non-classical theory. <i>Microsystem Technologies</i> , 2021, 27, 3533-3543.	2.0	5
5	Thermo-vibrational analyses of skin tissue subjected to laser heating source in thermal therapy. <i>Scientific Reports</i> , 2021, 11, 22633.	3.3	7
6	A liquid-state high sensitive accelerometer based on a micro-scale liquid marble. <i>Microsystem Technologies</i> , 2020, 26, 617-623.	2.0	11
7	An electrostatically actuated microsensor for determination of micropolar fluid physical properties. <i>Meccanica</i> , 2020, 55, 2091-2106.	2.0	6
8	A MEMS Density-Viscosity Sensor Based on Electrostatically Actuation of a Comb-Drive Structure. , 2020, , .		0
9	Modelling Fluid Loss Faults in an Industrial Pressure Sensor. , 2020, , .		4
10	Facilitating Displacement of a Micro-scale Liquid Marble Using Electric Fields. <i>Sensing and Imaging</i> , 2019, 20, 1.	1.5	2
11	Studying Torsional Vibration of a Micro-shaft in a Micro-scale Fluid Media based on Non-classical Theories. <i>Latin American Journal of Solids and Structures</i> , 2019, 16, .	1.0	2
12	Application of Solar Chimney for Pest Control in Agricultural Crops. <i>Journal of Biosystems Engineering</i> , 2019, 44, 269-275.	2.5	1
13	Giant chimney for air ventilation of metropolises. <i>Atmospheric Pollution Research</i> , 2019, 10, 462-473.	3.8	6
14	On the Mathematical Modeling of a MEMS-Based Sensor for Simultaneous Measurement of Fluids Viscosity and Density. <i>Sensing and Imaging</i> , 2018, 19, 1.	1.5	9
15	Measurement of a micro-scale fluid physical properties using torsional vibration of a micro shaft. <i>Modelling, Measurement and Control B: Solid and Fluid Mechanics and Thermics, Mechanical Systems</i> , 2018, 87, 257-265.	0.4	3
16	Studying thin film damping in a micro-beam resonator based on non-classical theories. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2016, 32, 369-379.	3.4	14
17	Study of squeeze film damping in a micro-beam resonator based on micro-polar theory. <i>Latin American Journal of Solids and Structures</i> , 2015, 12, 77-91.	1.0	11
18	On the modeling of a piezoelectrically actuated micro-sensor for measurement of microscale fluid physical properties. <i>Applied Physics A: Materials Science and Processing</i> , 2015, 121, 651-663.	2.3	12

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19	On the modeling of a piezoelectrically actuated microsensor for simultaneous measurement of fluids viscosity and density. Measurement: Journal of the International Measurement Confederation, 2010, 43, 1516-1524.	5.0	27
20	Investigating Static and Dynamic Behavior of the Strain Gauge Type Pressure Sensor in Exposure to Thermal Stresses. Arabian Journal for Science and Engineering, 0, , 1.	3.0	1