

# Anqing Li

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

636  
citations

643344

15  
h-index

843174

20  
g-index

20  
all docs

20  
docs citations

20  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electromechanical coupling analysis of three-dimensional braided piezoelectric composites energy harvester. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 6585-6594.	1.5	6
2	Analysis of transversely isotropic piezoelectric bilayered rectangular micro-plate based on couple stress piezoelectric theory. <i>European Journal of Mechanics, A/Solids</i> , 2022, 96, 104707.	2.1	3
3	Nonlinear axisymmetric bending analysis of strain gradient thin circular plate. <i>Applied Mathematical Modelling</i> , 2021, 89, 363-380.	2.2	24
4	Electrochemical strategies for the detection of cTnI. <i>Analyst, The</i> , 2021, 146, 5474-5495.	1.7	28
5	Advances in reconstructing intestinal functionalities in vitro: From two/three dimensional-cell culture platforms to human intestine-on-a-chip. <i>Talanta</i> , 2021, 226, 122097.	2.9	11
6	On some basic aspects of flexoelectricity in the mechanics of materials. <i>International Journal of Engineering Science</i> , 2021, 166, 103499.	2.7	17
7	A CNT-PDMS wearable device for simultaneous measurement of wrist pulse pressure and cardiac electrical activity. <i>Materials Science and Engineering C</i> , 2020, 117, 111345.	3.8	30
8	Optimized CNT-PDMS Flexible Composite for Attachable Health-Care Device. <i>Sensors</i> , 2020, 20, 4523.	2.1	37
9	Free vibration analysis of bilayered circular micro-plate including surface effects. <i>Applied Mathematical Modelling</i> , 2019, 70, 54-66.	2.2	21
10	Enhanced energy harvesting of cantilevered flexoelectric micro-beam by proof mass. <i>AIP Advances</i> , 2019, 9, .	0.6	8
11	Modeling of the flexoelectric annular microplate based on strain gradient elasticity theory. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 1958-1968.	1.5	26
12	A comparison of strain gradient theories with applications to the functionally graded circular micro-plate. <i>Applied Mathematical Modelling</i> , 2017, 49, 124-143.	2.2	31
13	Analysis of surface mechanical properties effects on the dynamic characteristics of a circular micro-diaphragm with a distributed mass. <i>Applied Mathematical Modelling</i> , 2017, 41, 462-473.	2.2	3
14	Size-dependent electromechanical coupling behaviors of circular micro-plate due to flexoelectricity. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	20
15	Size-dependent bending of an electro-elastic bilayer nanobeam due to flexoelectricity and strain gradient elastic effect. <i>Composite Structures</i> , 2016, 135, 167-175.	3.1	63
16	A reformulation of constitutive relations in the strain gradient elasticity theory for isotropic materials. <i>International Journal of Solids and Structures</i> , 2016, 80, 28-37.	1.3	88
17	A reformulated flexoelectric theory for isotropic dielectrics. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 465502.	1.3	59
18	A size-dependent bilayered microbeam model based on strain gradient elasticity theory. <i>Composite Structures</i> , 2014, 108, 259-266.	3.1	47

#	ARTICLE	IF	CITATIONS
19	A size-dependent model for bi-layered Kirchhoff micro-plate based on strain gradient elasticity theory. Composite Structures, 2014, 113, 272-280.	3.1	65
20	Size-dependent analysis of a three-layer microbeam including electromechanical coupling. Composite Structures, 2014, 116, 120-127.	3.1	49