

# Longfei Yang

## List of Publications by Year in descending order

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21  
papers

374  
citations

933447

10  
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1125743

13  
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21  
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21  
docs citations

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times ranked

468  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoelastic Damping in Partially Covered Bilayer Microbeam Resonators with Two-Dimensional Heat Conduction. <i>Journal of Sound and Vibration</i> , 2021, 494, 115863.	3.9	11
2	Thermoelastic Damping in Fully Clamped Circular Plate Resonators Based on Nonlocal Thermoelasticity. <i>Journal of Physics: Conference Series</i> , 2021, 1888, 012013.	0.4	0
3	Thermoelastic damping in rectangular microplate/nanoplate resonators based on modified nonlocal strain gradient theory and nonlocal heat conductive law. <i>Journal of Thermal Stresses</i> , 2021, 44, 690-714.	2.0	20
4	A generalized methodology for thermoelastic damping in axisymmetric vibration of circular plate resonators covered by multiple partial coatings. <i>Thin-Walled Structures</i> , 2021, 162, 107576.	5.3	10
5	Three-dimensional finite-element analysis of aggravating medial meniscus tears on knee osteoarthritis. <i>Journal of Orthopaedic Translation</i> , 2020, 20, 47-55.	3.9	35
6	Thermoelastic damping in bilayer microbeam resonators with two-dimensional heat conduction. <i>International Journal of Mechanical Sciences</i> , 2020, 167, 105245.	6.7	16
7	Application of robotic-assisted in situ 3D printing in cartilage regeneration with HAMA hydrogel: An in vivo study. <i>Journal of Advanced Research</i> , 2020, 23, 123-132.	9.5	96
8	Thermoelastic damping in nanobeam resonators based on effective nonlocal stress model. , 2020, , .		1
9	The biomechanical changes of load distribution with longitudinal tears of meniscal horns on knee joint: a finite element analysis. <i>Journal of Orthopaedic Surgery and Research</i> , 2019, 14, 237.	2.3	23
10	Thermoelastic Damping in Full Clamped Rectangular Microplate Resonator Based on the Modified Couple Stress Theory with Three-Dimensional Heat Conduction. , 2019, , .		0
11	Effect of Boundary Conditions on Thermoelastic Damping in Microbeam Resonators with Exponentially Varying Thickness. , 2019, , .		0
12	Effect of degenerative and radial tears of the meniscus and resultant meniscectomy on the knee joint: a finite element analysis. <i>Journal of Orthopaedic Translation</i> , 2019, 18, 20-31.	3.9	23
13	Early osteointegration evaluation of porous Ti6Al4V scaffolds designed based on triply periodic minimal surface models. <i>Journal of Orthopaedic Translation</i> , 2019, 19, 94-105.	3.9	57
14	Thermoelastic Damping in Bilayered Microbeam Resonators with Annular-cross Section. , 2019, , .		0
15	Analysis of Squeeze Film Air Damping with Lattice Boltzmann Method in Transition Regime. , 2019, , .		0
16	Polydopamine coating promotes early osteogenesis in 3D printing porous Ti6Al4V scaffolds. <i>Annals of Translational Medicine</i> , 2019, 7, 240-240.	1.7	42
17	Stability evaluation of anterior external fixation in patient with unstable pelvic ring fracture: a finite element analysis. <i>Annals of Translational Medicine</i> , 2019, 7, 303-303.	1.7	7
18	Biomechanical analysis of the effect of medial meniscus degenerative and traumatic lesions on the knee joint. <i>American Journal of Translational Research (discontinued)</i> , 2019, 11, 542-556.	0.0	8

#	ARTICLE	IF	CITATIONS
19	Analytical model of squeeze film air damping for circular microplates in the free molecular regime. , 2018, , .		0
20	Thermoelastic damping analysis of double clamped microbeams with exponentially tapered thickness. , 2018, , .		0
21	3D printing individualized heel cup for improving the self-reported pain of plantar fasciitis. Journal of Translational Medicine, 2018, 16, 167.	4.4	25