Dan Tian

List of Publications by Year
in descending order

18	582	840776 11	839539 18
papers	citations	h-index	g-index

19	19	19	207
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	FRACTAL N/MEMS: FROM PULL-IN INSTABILITY TO PULL-IN STABILITY. Fractals, 2021, 29, 2150030.	3.7	90
2	Hybrid rayleighâ€“van der polâ€“duffing oscillator: Stability analysis and controller. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 244-268.	2.9	71
3	Controlling the kinematics of a spring-pendulum system using an energy harvesting device. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 1234-1257.	2.9	66
4	Self-assembly of macromolecules in a long and narrow tube. Thermal Science, 2018, 22, 1659-1664.	1.1	55
5	Snail-based nanofibers. Materials Letters, 2018, 220, 5-7.	2.6	54
6	A fractal micro-electromechanical system and its pull-in stability. Journal of Low Frequency Noise Vibration and Active Control, 2021, 40, 1380-1386.	2.9	53
7	What factors affect lotus effect?. Thermal Science, 2018, 22, 1737-1743.	1.1	45
8	Strength of bubble walls and the Hallâ€“Petch effect in bubble-spinning. Textile Reseach Journal, 2019, 89, 1340-1344.	2.2	41
9	Macromolecule Orientation in Nanofibers. Nanomaterials, 2018, 8, 918.	4.1	33
10	Fractal Pull-in Stability Theory for Microelectromechanical Systems. Frontiers in Physics, 2021, 9, .	2.1	24
11	Control of Macromolecule Chains Structure in a Nanofiber. Polymers, 2020, 12, 2305.	4.5	12
12	High energy surface as a receptor in electrospinning: A good switch for hydrophobicity to hydrophilicity. Thermal Science, 2021, 25, 2205-2212.	1.1	11
13	A fast estimation of the frequency property of the microelectromechanical system oscillator. Journal of Low Frequency Noise Vibration and Active Control, 2022, 41, 160-166.	2.9	7
14	Hierarchical aligned ZnO nanorods on surface of PVDF/Fe2O3 nanofibers by electrospinning in a magnetic field. Thermal Science, 2021, 25, 2399-2403.	1.1	5
15	Electrospun Mussel-derived Silk Fibers. Recent Patents on Nanotechnology, 2020, 14, 14-20.	1.3	5
16	From Inner Topological Structure to Functional Nanofibers: Theoretical Analysis and Experimental Verification. Membranes, 2021, 11, 870.	3.0	4
17	Preparation of a Cu-BTC/PAN electrospun film with a good air filtration performance. Thermal Science, 2021, 25, 1469-1475.	1.1	3
18	Macromolecular-scale electrospinning controlling inner topologic structure through a blowing air. Thermal Science, 2022, 26, 2663-2666.	1.1	3