

Leisheng Jin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

99
citations

1478505

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1372567

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15
docs citations

15
times ranked

139
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic model for piezotronic and piezo-phototronic devices under low and high frequency external compressive stresses. Journal of Applied Physics, 2018, 123, .	2.5	19
2	Quantum simulation of ZnO nanowire piezotronics. Nano Energy, 2015, 15, 776-781.	16.0	13
3	One-to-Many Chaotic Synchronization with Application in Wireless Sensor Network. IEEE Communications Letters, 2013, 17, 1782-1785.	4.1	12
4	Chaos control of parametric driven Duffing oscillators. Applied Physics Letters, 2014, 104, .	3.3	11
5	Chaotic synchronization of two microresonators with application in mass sensors. Journal of Applied Physics, 2013, 113, .	2.5	9
6	A Novel Mass Sensor Based on Nanomechanical Transistor. IEEE Electron Device Letters, 2015, 36, 68-70.	3.9	6
7	Nonlinear dynamics of a doubly clamped carbon nanotube resonator considering surface stress. RSC Advances, 2015, 5, 7215-7221.	3.6	6
8	Nonlinear Dynamics of Silicon Nanowire Resonator Considering Nonlocal Effect. Nanoscale Research Letters, 2017, 12, 331.	5.7	5
9	An In-Line Microwave Power Detection System Based on Double MEMS Cantilever Beams. IEEE Sensors Journal, 2020, 20, 10476-10484.	4.7	5
10	A Novel 3-D Equivalent Circuit Model of Thermoelectric MEMS Microwave Power Sensors. IEEE Transactions on Electron Devices, 2021, 68, 2931-2937.	3.0	5
11	An Optical-Driven Quantum Shuttle: Modeling, Dynamics and Controllability. IEEE Journal of Quantum Electronics, 2018, 54, 1-7.	1.9	3
12	Large scale electromechanical transistor with application in mass sensing. Journal of Applied Physics, 2014, 116, 213503.	2.5	2
13	Dynamical characteristics of the piezotronic ZnO nanowire device in ballistic transport and its MEMS/NEMS resonator hybrid. Journal of Applied Physics, 2021, 129, 194501.	2.5	2
14	Nonlinear dynamic control of GaAs nanomechanical resonators using lasers. Nanotechnology, 2021, 32, 295502.	2.6	1
15	Design of a Microwave Power Detection System in the 5G-Communication Frequency Band. Sensors, 2021, 21, 2674.	3.8	0