Faouzi Lakrad

List of Publications by Year
in descending order

29	363	759233 12	794594 19
papers	citations	h-index	g-index

30	30	30	238
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Title is missing!. Nonlinear Dynamics, 2000, 23, 67-86.	5.2	49
2	PERIODIC SOLUTIONS OF STRONGLY NON-LINEAR OSCILLATORS BY THE MULTIPLE SCALES METHOD. Journal of Sound and Vibration, 2002, 258, 677-700.	3.9	37
3	Suppression of pull-in instability in MEMS using a high-frequency actuation. Communications in Nonlinear Science and Numerical Simulation, 2010, 15, 3640-3646.	3.3	33
4	Prediction of homoclinic bifurcation: the elliptic averaging method. Chaos, Solitons and Fractals, 2000, 11, 2251-2258.	5.1	28
5	Quasiperiodic energy harvesting in a forced and delayed Duffing harvester device. Journal of Sound and Vibration, 2017, 407, 271-285.	3.9	26
6	Predicting Homoclinic Bifurcations in Planar Autonomous Systems. Nonlinear Dynamics, 1999, 18, 303-310.	5.2	20
7	Suppression of hysteresis in a forced van der Polâ€“Duffing oscillator. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 1609-1616.	3.3	19
8	Effects of a low frequency parametric excitation. Chaos, Solitons and Fractals, 2004, 22, 1149-1164.	5.1	18
9	Three-Period Quasi-Periodic Solutions in the Self-Excited Quasi-Periodic Mathieu Oscillator. Nonlinear Dynamics, 2005, 39, 395-409.	5.2	18
10	Effect of fast parametric viscous damping excitation on vibration isolation in sdof systems. Communications in Nonlinear Science and Numerical Simulation, 2011, 16, 1720-1724.	3.3	16
11	Suppression of pull-in in a microstructure actuated by mechanical shocks and electrostatic forces. International Journal of Non-Linear Mechanics, 2011, 46, 407-414.	2.6	14
12	Quasi-periodic bursters and chaotic dynamics in a shallow arch subject to a fastâ€“slow parametric excitation. Nonlinear Dynamics, 2020, 99, 283-298.	5.2	13
13	ANALYTICS OF HOMOCLINIC BIFURCATIONS IN THREE-DIMENSIONAL SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2002, 12, 2479-2486.	1.7	12
14	Nonlinear vibrations of a shallow arch under a low frequency and a resonant harmonic excitations. Meccanica, 2016, 51, 2577-2587.	2.0	12
15	On mathematical modelling of linear flexural vibrations of spinning Rayleigh beams. Journal of Sound and Vibration, 2018, 430, 17-35.	3.9	12
16	Bursters and quasi-periodic solutions of a self-excited quasi-periodic Mathieu oscillator. Chaos, Solitons and Fractals, 2005, 24, 813-824.	5.1	11
17	Quasi-periodic solutions and periodic bursters in quasiperiodically driven oscillators. Communications in Nonlinear Science and Numerical Simulation, 2009, 14, 2426-2433.	3.3	7
18	Invariant slow manifolds of an Atomic Force Microscope system under the effects of Lennard-Jones forces and a slow harmonic base motion. Communications in Nonlinear Science and Numerical Simulation, 2016, 32, 49-62.	3.3	6

#	Article	IF	Citations
19	Perturbation methods and the Melnikov functions for slowly varying oscillators. Chaos, Solitons and Fractals, 2005, 25, 675-680.	5.1	4
20	Solutions of a Shallow Arch under Fast and Slow Excitations. , 2005, , 233-240.		2
21	Quasi-periodically Actuated Capacitive MEMS. Springer Proceedings in Physics, 2015, , 183-200.	0.2	2
22	Effects of a slow harmonic displacement on an Atomic Force Microscope system under Lennard-Jones forces. MATEC Web of Conferences, 2016, 83, 04001.	0.2	2
23	Energy harvesting in a delayed and excited Duffing harvester device. MATEC Web of Conferences, 2016, 83, 02001.	0.2	1
24	Invariant slow manifolds of an Atomic Force Microscope system under the Derjaguin-Muller-Toporov forces and a slow harmonic base motion. MATEC Web of Conferences, 2018, 241, 01004.	0.2	1
25	A nonlinear model of the hand-arm system and parameters identification using vibration transmissibility. MATEC Web of Conferences, 2018, 241, 01014.	0.2	0
26	Linear flexural natural frequencies and stability analysis of spinning Rayleigh beams: application to clamped-clamped beams.. MATEC Web of Conferences, 2018, 241, 01002.	0.2	0
27	Supervised and unsupervised machine learning for gender identification through hand's anthropometric data. International Journal of Biometrics, 2020, 12, 337.	0.4	0
28	Supervised and unsupervised machine learning for gender identification through hand's anthropometric data. International Journal of Biometrics, 2020, 12, 337.	0.4	0
29	Queues with Delayed Information: A Dynamical Systems Perspective. SIAM Journal on Applied Dynamical Systems, 2022, 21, 676-713.	1.6	0