Johan Matheus Tuwankotta

List of Publications by Year
in descending order

20	87	1684188	1474206
papers	citations	5	9
		h-index	g-index

20	20	20	38
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chaos in a coupled oscillators system with widely spaced frequencies and energy-preserving non-linearity. International Journal of Non-Linear Mechanics, 2006, 41, 180-191.	2.6	17
2	Hamiltonian systems with widely separated frequencies. Nonlinearity, 2003, 16, 689-706.	1.4	13
3	Symmetry and Resonance in Hamiltonian Systems. SIAM Journal on Applied Mathematics, 2001, 61, 1369-1385.	1.8	10
4	Widely separated frequencies in coupled oscillators with energy-preserving quadratic nonlinearity. Physica D: Nonlinear Phenomena, 2003, 182, 125-149.	2.8	7
5	Bifurcation of periodic solution in a Predator–Prey type of systems with non-monotonic response function and periodic perturbation. International Journal of Non-Linear Mechanics, 2016, 85, 188-196.	2.6	6
6	Geometric numerical integration applied to the elastic pendulum at higher-order resonance. Journal of Computational and Applied Mathematics, 2003, 154, 229-242.	2.0	5
7	Dynamics and bifurcations of a three-dimensional piecewise-linear integrable map. Journal of Physics A, 2004, 37, 12041-12058.	1.6	4
8	DYNAMICS AND BIFURCATIONS IN A TWO-DIMENSIONAL MAP DERIVED FROM A GENERALIZED DeltaDelta-SINE-GORDON EQUATION. Far East Journal of Dynamical Systems, 2016, 28, 165-194.	0.2	4
9	Application of Lagrange Multiplier Method for Computing Fold Bifurcation Point in A Two-Prey One Predator Dynamical System. Journal of the Indonesian Mathematical Society, 2018, 24, 7-19.	0.1	4
10	Chaos and strange attractors in coupled oscillators with energy-preserving nonlinearity. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 255101.	2.1	3
11	Dynamics of A Re-Parametrization of A 2-Dimensional Mapping Derived from Double Discrete Sine-Gordon Mapping. International Journal of Mathematical, Engineering and Management Sciences, 2020, 5, 363-377.	0.7	3
12	A three-dimensional singularly perturbed conservative system with symmetry breaking. Journal of Physics A: Mathematical and Theoretical, 2013, 46, 305101.	2.1	2
13	Infinitely many Equilibria and Some Codimension One Bifurcations in a Subsystem of a Two-Preys One-Predator Dynamical System. Journal of Physics: Conference Series, 2019, 1245, 012063.	0.4	2
14	On slow–fast dynamics in a classical predator–prey system. Mathematics and Computers in Simulation, 2020, 177, 306-315.	4.4	2
15	Generating a chain of maps which preserve the same integral as a given map. Physica Scripta, 2019, 94, 125207.	2.5	1
16	Computation of Cusp Bifurcation Point in a Two-Prey One Predator Model using Lagrange Multiplier Method. Journal of Physics: Conference Series, 2019, 1298, 012008.	0.4	1
17	On the dynamics of a kicked harmonic oscillator. International Journal of Dynamics and Control, 2019, 7, 857-865.	2.5	1
18	Computation of fold and cusp bifurcation points in a system of ordinary differential equations using the Lagrange multiplier method. International Journal of Dynamics and Control, 0, , 1.	2.5	1

#	Article	IF	Citations
19	Strange attractors in a predator–prey system with non-monotonic response function and periodic perturbation. Journal of Computational Dynamics, 2019, 6, 469-483.	1.1	1
20	Simulation for linear oblique waves in 2D. AIP Conference Proceedings, 2015, , .	0.4	0