

Johan Matheus Tuwankotta

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

87
citations

1684188

5
h-index

1474206

9
g-index

20
all docs

20
docs citations

20
times ranked

38
citing authors

#	ARTICLE	IF	CITATIONS
1	On slow-fast dynamics in a classical predator-prey system. <i>Mathematics and Computers in Simulation</i> , 2020, 177, 306-315.	4.4	2
2	Dynamics of A Re-Parametrization of A 2-Dimensional Mapping Derived from Double Discrete Sine-Gordon Mapping. <i>International Journal of Mathematical, Engineering and Management Sciences</i> , 2020, 5, 363-377.	0.7	3
3	Generating a chain of maps which preserve the same integral as a given map. <i>Physica Scripta</i> , 2019, 94, 125207.	2.5	1
4	Infinitely many Equilibria and Some Codimension One Bifurcations in a Subsystem of a Two-Preys One-Predator Dynamical System. <i>Journal of Physics: Conference Series</i> , 2019, 1245, 012063.	0.4	2
5	Computation of Cusp Bifurcation Point in a Two-Prey One Predator Model using Lagrange Multiplier Method. <i>Journal of Physics: Conference Series</i> , 2019, 1298, 012008.	0.4	1
6	On the dynamics of a kicked harmonic oscillator. <i>International Journal of Dynamics and Control</i> , 2019, 7, 857-865.	2.5	1
7	Strange attractors in a predator-prey system with non-monotonic response function and periodic perturbation. <i>Journal of Computational Dynamics</i> , 2019, 6, 469-483.	1.1	1
8	Application of Lagrange Multiplier Method for Computing Fold Bifurcation Point in A Two-Prey One Predator Dynamical System. <i>Journal of the Indonesian Mathematical Society</i> , 2018, 24, 7-19.	0.1	4
9	Bifurcation of periodic solution in a Predator-Prey type of systems with non-monotonic response function and periodic perturbation. <i>International Journal of Non-Linear Mechanics</i> , 2016, 85, 188-196.	2.6	6
10	DYNAMICS AND BIFURCATIONS IN A TWO-DIMENSIONAL MAP DERIVED FROM A GENERALIZED DeltaDelta-SINE-GORDON EQUATION. <i>Far East Journal of Dynamical Systems</i> , 2016, 28, 165-194.	0.2	4
11	Simulation for linear oblique waves in 2D. <i>AIP Conference Proceedings</i> , 2015, , .	0.4	0
12	A three-dimensional singularly perturbed conservative system with symmetry breaking. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2013, 46, 305101.	2.1	2
13	Chaos and strange attractors in coupled oscillators with energy-preserving nonlinearity. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008, 41, 255101.	2.1	3
14	Chaos in a coupled oscillators system with widely spaced frequencies and energy-preserving non-linearity. <i>International Journal of Non-Linear Mechanics</i> , 2006, 41, 180-191.	2.6	17
15	Dynamics and bifurcations of a three-dimensional piecewise-linear integrable map. <i>Journal of Physics A</i> , 2004, 37, 12041-12058.	1.6	4
16	Widely separated frequencies in coupled oscillators with energy-preserving quadratic nonlinearity. <i>Physica D: Nonlinear Phenomena</i> , 2003, 182, 125-149.	2.8	7
17	Geometric numerical integration applied to the elastic pendulum at higher-order resonance. <i>Journal of Computational and Applied Mathematics</i> , 2003, 154, 229-242.	2.0	5
18	Hamiltonian systems with widely separated frequencies. <i>Nonlinearity</i> , 2003, 16, 689-706.	1.4	13

#	ARTICLE	IF	CITATIONS
19	Symmetry and Resonance in Hamiltonian Systems. SIAM Journal on Applied Mathematics, 2001, 61, 1369-1385.	1.8	10
20	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