

# Edson Denis Leonel

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

150  
papers

1,535  
citations

22  
h-index

30  
g-index

157  
ext. papers

1,608  
ext. citations

2.8  
avg, IF

5.02  
L-index

#	Paper	IF	Citations
150	Information geometry theory of bifurcations? A covariant formulation.. <i>Chaos</i> , <b>2022</b> , 32, 023119	3.3	1
149	Dynamical aspects of a bouncing ball in a nonhomogeneous field. <i>Physical Review E</i> , <b>2021</b> , 103, 062205	2.4	2
148	Characteristic Times for the Fermi-Ulam Model. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2021</b> , 31, 2130004	2	1
147	Fisher information of the Kuramoto model: A geometric reading on synchronization. <i>Physica D: Nonlinear Phenomena</i> , <b>2021</b> , 423, 132926	3.3	1
146	Investigation of pollen release by poricidal anthers using mathematical billiards. <i>Physical Review E</i> , <b>2021</b> , 104, 034409	2.4	2
145	Leaking of orbits from the phase space of the dissipative discontinuous standard mapping. <i>Physical Review E</i> , <b>2021</b> , 103, 012211	2.4	
144	Diffusion phenomena in a mixed phase space. <i>Chaos</i> , <b>2020</b> , 30, 013108	3.3	2
143	On the dynamics of two-dimensional dissipative discontinuous maps. <i>Chaos, Solitons and Fractals</i> , <b>2020</b> , 131, 109520	9.3	2
142	Chaotic diffusion for particles moving in a time dependent potential well. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2020</b> , 384, 126737	2.3	0
141	Application of the diffusion equation to prove scaling invariance on the transition from limited to unlimited diffusion. <i>Europhysics Letters</i> , <b>2020</b> , 131, 10004	1.6	1
140	Characterization of a continuous phase transition in a chaotic system. <i>Europhysics Letters</i> , <b>2020</b> , 131, 20002	1.6	0
139	Critical Slowing Down at a Fold and a Period Doubling Bifurcations for a Gauss Map. <i>Brazilian Journal of Physics</i> , <b>2019</b> , 49, 923-927	1.2	
138	An investigation of the parameter space for a family of dissipative mappings. <i>Chaos</i> , <b>2019</b> , 29, 053114	3.3	9
137	Statistical description of multiple collisions in the Fermi-Ulam model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2019</b> , 383, 3080-3087	2.3	0
136	Diffusion entropy analysis in billiard systems. <i>Physical Review E</i> , <b>2019</b> , 100, 042207	2.4	1
135	Dynamical thermalization in time-dependent billiards. <i>Chaos</i> , <b>2019</b> , 29, 103122	3.3	1
134	An Investigation of the Chaotic Transient for a Boundary Crisis in the Fermi-Ulam Model. <i>Advances in Dynamics, Patterns, Cognition</i> , <b>2019</b> , 89-108	0.7	

133	Scaling and self-similarity for the dynamics of a particle confined to an asymmetric time-dependent potential well. <i>Physical Review E</i> , <b>2019</b> , 99, 012202	2.4	1
132	Dynamics towards the steady state applied for the Smith-Slatkin mapping. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 108, 119-122	9.3	
131	Statistical properties for an open oval billiard: An investigation of the escaping basins. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 106, 355-362	9.3	4
130	Transition from normal to ballistic diffusion in a one-dimensional impact system. <i>Physical Review E</i> , <b>2018</b> , 97, 032205	2.4	4
129	Investigation of stickiness influence in the anomalous transport and diffusion for a non-dissipative Fermi-Ulam model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 55, 225-236	3.7	3
128	Explaining a changeover from normal to super diffusion in time-dependent billiards. <i>Europhysics Letters</i> , <b>2018</b> , 121, 60003	1.6	1
127	Effects of a parametric perturbation in the Hassell mapping. <i>Chaos, Solitons and Fractals</i> , <b>2018</b> , 113, 238-243	3.3	2
126	An Investigation of Chaotic Diffusion in a Family of Hamiltonian Mappings Whose Angles Diverge in the Limit of Vanishingly Action. <i>Journal of Statistical Physics</i> , <b>2018</b> , 170, 69-78	1.5	4
125	A scaling investigation for a Van der Pol circuit: normal form applied to a Hopf bifurcation. <i>International Journal of Nonlinear Dynamics and Control</i> , <b>2018</b> , 1, 154	0.2	1
124	Scaling invariance in a social network with limited attention and innovation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2018</b> , 382, 3376-3380	2.3	5
123	Ensemble separation and stickiness influence in a driven stadium-like billiard: A Lyapunov exponents analysis. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2018</b> , 65, 248-259	3.7	5
122	Route to chaos and some properties in the boundary crisis of a generalized logistic mapping. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2017</b> , 486, 674-680	3.3	11
121	A Monte Carlo approach for the bouncer model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2017</b> , 381, 3636-3640	2.3	
120	An investigation of the convergence to the stationary state in the Hassell mapping. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2017</b> , 466, 537-543	3.3	2
119	Evolution to the equilibrium in a dissipative and time dependent billiard. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2017</b> , 465, 66-74	3.3	
118	Squared sine logistic map. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2016</b> , 463, 37-44	3.3	8
117	Transport of chaotic trajectories from regions distant from or near to structures of regular motion of the Fermi-Ulam model. <i>Physical Review E</i> , <b>2016</b> , 94, 042208	2.4	1
116	Survival probability for chaotic particles in a set of area preserving maps. <i>European Physical Journal: Special Topics</i> , <b>2016</b> , 225, 2751-2761	2.3	1

115	Defining universality classes for three different local bifurcations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2016</b> , 39, 520-528	3-7	5
114	Analytical description of critical dynamics for two-dimensional dissipative nonlinear maps. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1959-1963	2-3	2
113	Hidden High Period Accelerator Modes in a Bouncer Model. <i>Springer Proceedings in Physics</i> , <b>2016</b> , 179-194.		
112	Thermodynamics of a time-dependent and dissipative oval billiard: A heat transfer and billiard approach. <i>Physical Review E</i> , <b>2016</b> , 94, 062211	2-4	5
111	The role of extreme orbits in the global organization of periodic regions in parameter space for one dimensional maps. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1610-1614.	2-3	19
110	Statistical investigation and thermal properties for a 1-D impact system with dissipation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 1830-1838	2-3	5
109	Influence of stability islands in the recurrence of particles in a static oval billiard with holes. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2016</b> , 380, 3634-3639	2-3	5
108	Addendum to: "Convergence towards asymptotic state in 1-D mappings: A scaling investigation" [Phys. Lett. A 379 (2015) 1246]. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 1796-1798	2-3	8
107	Scaling properties for a family of discontinuous mappings. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 436, 943-951	3-3	
106	A symmetry break in energy distribution and a biased random walk behavior causing unlimited diffusion in a two dimensional mapping. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2015</b> , 436, 909-915	3-3	6
105	A dynamical phase transition for a family of Hamiltonian mappings: A phenomenological investigation to obtain the critical exponents. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 1808-1815	2-3	8
104	Crises in a dissipative bouncing ball model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 2830-2838	2-3	13
103	Circular, elliptic and oval billiards in a gravitational field. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 22, 731-746	3-7	4
102	Thermodynamics of a bouncer model: A simplified one-dimensional gas. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 20, 159-173	3-7	11
101	Dynamics of a charged particle in a dissipative Fermi-Ulam model. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 20, 546-558	3-7	6
100	Transport and dynamical properties for a bouncing ball model with regular and stochastic perturbations. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2015</b> , 20, 871-881	3-7	8
99	Global ballistic acceleration in a bouncing-ball model. <i>Physical Review E</i> , <b>2015</b> , 92, 012905	2-4	7
98	On the statistical and transport properties of a non-dissipative Fermi-Ulam model. <i>Chaos</i> , <b>2015</b> , 25, 103103.	3-7	8

97	Dynamics of classical particles in oval or elliptic billiards with a dispersing mechanism. <i>Chaos</i> , <b>2015</b> , 25, 033109	3.3	4
96	Leaking of trajectories from the phase space of discontinuous dynamics. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2015</b> , 48, 405101	2	5
95	Convergence towards asymptotic state in 1-D mappings: A scaling investigation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2015</b> , 379, 1246-1250	2.3	15
94	Statistical properties for a dissipative model of relativistic particles in a wave packet: A parameter space investigation. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 238, 387-392	2.7	4
93	Statistical and dynamical properties of a dissipative kicked rotator. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 413, 498-514	3.3	3
92	Phase space properties and chaotic transport for a particle moving in a time dependent step potential well. <i>Applied Mathematics and Computation</i> , <b>2014</b> , 236, 215-228	2.7	2
91	A theoretical characterization of scaling properties in a bouncing ball system. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 404, 279-284	3.3	8
90	Escape through a time-dependent hole in the doubling map. <i>Physical Review E</i> , <b>2014</b> , 89, 052913	2.4	9
89	Separation of particles leading either to decay or unlimited growth of energy in a driven stadium-like billiard. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2014</b> , 47, 365101	2	6
88	Time-dependent properties in two-dimensional and Hamiltonian mappings. <i>European Physical Journal: Special Topics</i> , <b>2014</b> , 223, 2953-2958	2.3	2
87	Two-dimensional nonlinear map characterized by tunable Levy flights. <i>Physical Review E</i> , <b>2014</b> , 90, 042138	2.4	1
86	Scaling properties and universality in a ratchet system. <i>European Physical Journal: Special Topics</i> , <b>2014</b> , 223, 2969-2978	2.3	
85	Dynamical and statistical properties of a rotating oval billiard. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 1926-1934	3.7	1
84	A family of dissipative two-dimensional mappings: Chaotic, regular and steady state dynamics investigation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2014</b> , 395, 458-465	3.3	4
83	Escape beam statistics and dynamical properties for a periodically corrugated waveguide. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2014</b> , 19, 842-850	3.7	6
82	Dynamical properties for an ensemble of classical particles moving in a driven potential well with different time perturbation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2013</b> , 377, 1814-1821	2.3	1
81	Dynamical properties of a dissipative discontinuous map: A scaling investigation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2013</b> , 377, 3216-3222	2.3	4
80	Dynamical properties for a mixed Fermi accelerator model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2013</b> , 392, 4231-4241	3.3	5

79	A rescaling of the phase space for Hamiltonian map: Applications on the Kepler map and mappings with diverging angles in the limit of vanishing action. <i>Applied Mathematics and Computation</i> , <b>2013</b> , 221, 32-39	2.7	1
78	Some dynamical properties of a classical dissipative bouncing ball model with two nonlinearities. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2013</b> , 392, 1762-1769	3.3	7
77	Saddle points and rare collisions under scaling approach in a Fermi accelerator with two nonlinear terms. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2013</b> , 392, 1586-1592	3.3	
76	One-dimensional Fermi accelerator model with moving wall described by a nonlinear van der Pol oscillator. <i>Physical Review E</i> , <b>2013</b> , 87, 012904	2.4	2
75	Scaling invariance of the diffusion coefficient in a family of two-dimensional Hamiltonian mappings. <i>Physical Review E</i> , <b>2013</b> , 87, 062904	2.4	9
74	Periodic compression of an adiabatic gas: Intermittency-enhanced Fermi acceleration. <i>Europhysics Letters</i> , <b>2013</b> , 103, 40003	1.6	2
73	Relaxation to Fixed Points in the Logistic and Cubic Maps: Analytical and Numerical Investigation. <i>Entropy</i> , <b>2013</b> , 15, 4310-4318	2.8	8
72	Scaling dynamics for a particle in a time-dependent potential well. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 3607-3615	3.3	2
71	Escape and transport for an open bouncer: Stretched exponential decays. <i>Physica D: Nonlinear Phenomena</i> , <b>2012</b> , 241, 403-408	3.3	20
70	Scaling invariance for the escape of particles from a periodically corrugated waveguide. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 421-425	2.3	10
69	Statistical properties of a dissipative kicked system: Critical exponents and scaling invariance. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 723-728	2.3	8
68	Recurrence of particles in static and time varying oval billiards. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 1669-1674	2.3	10
67	Introduction to Focus Issue: statistical mechanics and billiard-type dynamical systems. <i>Chaos</i> , <b>2012</b> , 22, 026101	3.3	2
66	A peculiar Maxwell's Demon observed in a time-dependent stadium-like billiard. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 4756-4762	3.3	10
65	Scaling investigation for the dynamics of charged particles in an electric field accelerator. <i>Chaos</i> , <b>2012</b> , 22, 043148	3.3	1
64	Non-uniform drag force on the Fermi accelerator model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2012</b> , 391, 5366-5374	3.3	12
63	Dynamical properties for the problem of a particle in an electric field of wave packet: Low velocity and relativistic approach. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 3630-3637	2.3	6
62	Characterization of multiple reflections and phase space properties for a periodically corrugated waveguide. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 265101	2	10

61	Decay of energy and suppression of Fermi acceleration in a dissipative driven stadium-like billiard. <i>Chaos</i> , <b>2012</b> , 22, 026122	3.3	7
60	In-flight and collisional dissipation as a mechanism to suppress Fermi acceleration in a breathing Lorentz gas. <i>Chaos</i> , <b>2012</b> , 22, 026123	3.3	6
59	Stickiness in a bouncer model: A slowing mechanism for Fermi acceleration. <i>Physical Review E</i> , <b>2012</b> , 86, 036203	2.4	31
58	CRITICAL EXPONENTS AND SCALING PROPERTIES FOR THE CHAOTIC DYNAMICS OF A PARTICLE IN A TIME-DEPENDENT POTENTIAL BARRIER. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2012</b> , 22, 1250250	2	1
57	THE EFFECT OF WEAK DISSIPATION IN TWO-DIMENSIONAL MAPPING. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2012</b> , 22, 1250248	2	6
56	Dissipation and its consequences in the scaling exponents for a family of two-dimensional mappings. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2012</b> , 45, 165101	2	4
55	Explaining the high number of infected people by dengue in Rio de Janeiro in 2008 using a susceptible-infective-recovered model. <i>Physical Review E</i> , <b>2011</b> , 83, 037101	2.4	8
54	Shrimp-shape domains in a dissipative kicked rotator. <i>Chaos</i> , <b>2011</b> , 21, 043122	3.3	25
53	Critical exponents for a transition from integrability to non-integrability via localization of invariant tori in the Hamiltonian system. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 302001	2	24
52	Locating invariant tori for a family of two-dimensional Hamiltonian mappings. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2011</b> , 390, 3727-3731	3.3	3
51	Boundary crisis and transient in a dissipative relativistic standard map. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2011</b> , 375, 3365-3369	2.3	7
50	Dynamical properties of a particle in a wave packet: Scaling invariance and boundary crisis. <i>Chaos, Solitons and Fractals</i> , <b>2011</b> , 44, 883-890	9.3	4
49	Fermi acceleration and its suppression in a time-dependent Lorentz gas. <i>Physica D: Nonlinear Phenomena</i> , <b>2011</b> , 240, 389-396	3.3	27
48	A family of stadium-like billiards with parabolic boundaries under scaling analysis. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2011</b> , 44, 175102	2	5
47	Escape of particles in a time-dependent potential well. <i>Physical Review E</i> , <b>2011</b> , 83, 066211	2.4	17
46	Parameter space for a dissipative Fermi-Ulam model. <i>New Journal of Physics</i> , <b>2011</b> , 13, 123012	2.9	23
45	Competition between suppression and production of Fermi acceleration. <i>Physical Review E</i> , <b>2010</b> , 81, 036216	2.4	11
44	Finding critical exponents for two-dimensional Hamiltonian maps. <i>Physical Review E</i> , <b>2010</b> , 81, 046212	2.4	22

43	Suppressing Fermi acceleration in two-dimensional driven billiards. <i>Physical Review E</i> , <b>2010</b> , 82, 016202	2.4	14
42	Suppressing Fermi acceleration in a driven elliptical billiard. <i>Physical Review Letters</i> , <b>2010</b> , 104, 224101	7.4	48
41	Separation of particles in time-dependent focusing billiards. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2010</b> , 389, 5408-5415	3.3	7
40	Boundary crisis and suppression of Fermi acceleration in a dissipative two-dimensional non-integrable time-dependent billiard. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2010</b> , 374, 3016-3020	2.3	13
39	Suppressing Fermi acceleration in a two-dimensional non-integrable time-dependent oval-shaped billiard with inelastic collisions. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2010</b> , 389, 1009-1020	3.3	26
38	On the dynamical properties of an elliptical oval billiard with static boundary. <i>Communications in Nonlinear Science and Numerical Simulation</i> , <b>2010</b> , 15, 1092-1102	3.7	17
37	Can Drag Force Suppress Fermi Acceleration in a Bouncer Model?. <i>Mathematical Problems in Engineering</i> , <b>2009</b> , 2009, 1-13	1.1	1
36	Phase Transition in Dynamical Systems: Defining Classes of Universality for Two-Dimensional Hamiltonian Mappings via Critical Exponents. <i>Mathematical Problems in Engineering</i> , <b>2009</b> , 2009, 1-22	1.1	6
35	Time-Dependent Billiards. <i>Mathematical Problems in Engineering</i> , <b>2009</b> , 2009, 1-4	1.1	3
34	Scaling Properties of a Hybrid Fermi-Ulam-Bouncer Model. <i>Mathematical Problems in Engineering</i> , <b>2009</b> , 2009, 1-13	1.1	6
33	Fermi acceleration and scaling properties of a time dependent oval billiard. <i>Chaos</i> , <b>2009</b> , 19, 033142	3.3	33
32	Fermi acceleration with memory-dependent excitation. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2009</b> , 388, 4927-4935	3.3	3
31	A bouncing ball model with two nonlinearities: a prototype for Fermi acceleration. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2008</b> , 41, 015104	2	11
30	Scaling investigation of Fermi acceleration on a dissipative bouncer model. <i>Physical Review E</i> , <b>2008</b> , 78, 056205	2.4	41
29	Finding invariant tori in the problem of a periodically corrugated waveguide. <i>Brazilian Journal of Physics</i> , <b>2008</b> , 38, 54-57	1.2	6
28	Describing Fermi acceleration with a scaling approach: The Bouncer model revisited. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2008</b> , 387, 1155-1160	3.3	36
27	A simplified Fermi Accelerator Model under quadratic frictional force. <i>Brazilian Journal of Physics</i> , <b>2008</b> , 38, 58-61	1.2	9
26	The Feigenbaum's delta for a high dissipative bouncing ball model. <i>Brazilian Journal of Physics</i> , <b>2008</b> , 38, 62-64	1.2	9



25	Corrugated waveguide under scaling investigation. <i>Physical Review Letters</i> , <b>2007</b> , 98, 114102	7.4	43
24	Scaling properties of the regular dynamics for a dissipative bouncing ball model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2007</b> , 386, 73-78	3.3	8
23	A family of crisis in a dissipative Fermi accelerator model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 364, 475-479	2.3	22
22	Consequences of Quadratic Frictional Force on the One Dimensional Bouncing Ball Model. <i>AIP Conference Proceedings</i> , <b>2007</b> ,	0	3
21	The presence and lack of Fermi acceleration in nonintegrable billiards. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2007</b> , 40, F887-F893	2	32
20	Breaking down the Fermi acceleration with inelastic collisions. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2007</b> , 40, F1077-F1083	2	26
19	Dynamical properties of a dissipative hybrid Fermi-Ulam-bouncer model. <i>Chaos</i> , <b>2007</b> , 17, 013119	3.3	20
18	Fermi acceleration on the annular billiard: a simplified version. <i>Journal of Physics A</i> , <b>2006</b> , 39, 3561-3573		37
17	Effect of a frictional force on the Fermi-Ulam model. <i>Journal of Physics A</i> , <b>2006</b> , 39, 11399-11415		20
16	Fermi acceleration on the annular billiard. <i>Physical Review E</i> , <b>2006</b> , 73, 066229	2.4	46
15	Dissipative area-preserving one-dimensional Fermi accelerator model. <i>Physical Review E</i> , <b>2006</b> , 73, 066223	4	13
14	Scaling properties of the Fermi-Ulam accelerator model. <i>Brazilian Journal of Physics</i> , <b>2006</b> , 36, 700-707	1.2	30
13	A crisis in the dissipative Fermi accelerator model. <i>Journal of Physics A</i> , <b>2005</b> , 38, L425-L430		32
12	A hybrid Fermi-Ulam-bouncer model. <i>Journal of Physics A</i> , <b>2005</b> , 38, 823-839		57
11	Scaling properties for a classical particle in a time-dependent potential well. <i>Chaos</i> , <b>2005</b> , 15, 33701	3.3	17
10	Dynamical properties of a particle in a time-dependent double-well potential. <i>Journal of Physics A</i> , <b>2004</b> , 37, 8949-8968		14
9	Chaotic properties of a time-modulated barrier. <i>Physical Review E</i> , <b>2004</b> , 70, 016214	2.4	24
8	Fermi-Ulam accelerator model under scaling analysis. <i>Physical Review Letters</i> , <b>2004</b> , 93, 014101	7.4	85

7	On the dynamical properties of a Fermi accelerator model. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2004</b> , 331, 435-447	3-3	40
6	Dynamical properties of a particle in a classical time-dependent potential well. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2003</b> , 323, 181-196	3-3	19
5	RELAXATION AND TRANSIENTS IN A TIME-DEPENDENT LOGISTIC MAP. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2002</b> , 12, 1667-1674	2	11
4	Transients in a time-dependent logistic map. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2001</b> , 295, 280-284	3-3	8
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