

Leonardo Ermann

List of Publications by Year in descending order

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36
papers

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1051969

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19
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36
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docs citations

36
times ranked

299
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19's Impact on International Trade. Entropy, 2022, 24, 327.	1.1	8
2	World impact of kernel European Union 9 countries from Google matrix analysis of the world trade network. Applied Network Science, 2021, 6, .	0.8	5
3	Deconfinement of classical Yang-Mills color fields in a disorder potential. Chaos, 2021, 31, 093106.	1.0	4
4	Trapped ion in an optical cavity: Numerical study of an optomechanical transition in the few-photon regime. Physical Review A, 2021, 104, .	1.0	2
5	Jaynes-Cummings model under monochromatic driving. Physical Review A, 2020, 102, .	1.0	5
6	Influence of petroleum and gas trade on EU economies from the reduced Google matrix analysis of UN COMTRADE data. European Physical Journal B, 2019, 92, 1.	0.6	17
7	Dynamical Thermalization of Interacting Fermionic Atoms in a Sinai Oscillator Trap. Condensed Matter, 2019, 4, 76.	0.8	3
8	Incommensurate standard map. Physical Review E, 2019, 99, 012215.	0.8	0
9	Three-dimensional classical and quantum stable structures of dissipative systems. Physical Review E, 2019, 99, 012214.	0.8	4
10	Effects of chaotic dynamics on quantum friction. Physical Review E, 2019, 99, 042214.	0.8	3
11	Google matrix of Bitcoin network. European Physical Journal B, 2018, 91, 1.	0.6	7
12	Phase-space representations of symmetric informationally complete positive-operator-valued-measure fiducial states. Physical Review A, 2017, 95, .	1.0	4
13	Signatures of classical structures in the leading eigenstates of quantum dissipative systems. Physical Review E, 2017, 96, 032202.	0.8	1
14	Classical counterparts of quantum attractors in generic dissipative systems. Physical Review E, 2017, 95, 062202.	0.8	6
15	Kolmogorov Turbulence Defeated by Anderson Localization for a Bose-Einstein Condensate in a Sinai-Oscillator Trap. Physical Review Letters, 2017, 119, 054103.	2.9	1
16	Dynamics and thermalization of a Bose-Einstein condensate in a Sinai-oscillator trap. Physical Review A, 2016, 94, .	1.0	9
17	Correspondence behavior of classical and quantum dissipative directed transport via thermal noise. Physical Review E, 2016, 93, 042133.	0.8	9
18	Google matrix. Scholarpedia Journal, 2016, 11, 30944.	0.3	1

#	ARTICLE	IF	CITATIONS
19	Google matrix analysis of directed networks. <i>Reviews of Modern Physics</i> , 2015, 87, 1261-1310.	16.4	96
20	Symbolic walk in regular networks. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2015, 48, 035102.	0.7	0
21	Quantum parameter space of dissipative directed transport. <i>Physical Review E</i> , 2015, 91, 010903.	0.8	12
22	Google matrix analysis of the multiproduct world trade network. <i>European Physical Journal B</i> , 2015, 88, 1.	0.6	22
23	Statistical analysis of Noma customer votes for spots of France. <i>European Physical Journal B</i> , 2015, 88, 1.	0.6	0
24	Spectral properties of Google matrix of Wikipedia and other networks. <i>European Physical Journal B</i> , 2013, 86, 1.	0.6	20
25	Classical transients and the support of open quantum maps. <i>Physical Review E</i> , 2013, 87, 012909.	0.8	7
26	Quantum Gibbs distribution from dynamical thermalization in classical nonlinear lattices. <i>New Journal of Physics</i> , 2013, 15, 123004.	1.2	11
27	Transient features of quantum open maps. <i>Physical Review E</i> , 2012, 85, 066204.	0.8	7
28	Quantized baker map. <i>Scholarpedia Journal</i> , 2012, 7, 9860.	0.3	1
29	Environmental stability of quantum chaotic ratchets. <i>Physical Review E</i> , 2011, 83, 011103.	0.8	9
30	Behavior of the current in the asymmetric quantum multibaker map. <i>Physical Review E</i> , 2009, 79, 056201.	0.8	3
31	Localization of Resonance Eigenfunctions on Quantum Repellers. <i>Physical Review Letters</i> , 2009, 103, 054102.	2.9	31
32	Distribution of resonances in the quantum open baker map. <i>Physical Review E</i> , 2009, 79, 016215.	0.8	16
33	Periodic orbit basis for the quantum baker map. <i>Physical Review E</i> , 2008, 78, 036221.	0.8	12
34	Transport phenomena in the asymmetric quantum multibaker map. <i>Physical Review E</i> , 2008, 77, 011126.	0.8	5
35	Decoherence induced by a chaotic environment: A quantum walker with a complex coin. <i>Physical Review A</i> , 2006, 73, .	1.0	36
36	Generalized quantum baker maps as perturbations of a simple kernel. <i>Physical Review E</i> , 2006, 74, 046205.	0.8	10