

Horvatic Davor

List of Publications by Year in descending order

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papers

2,364
citations

394421

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289244

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43
all docs

43
docs citations

43
times ranked

1164
citing authors

#	ARTICLE	IF	CITATIONS
1	Benchmarking Attention-Based Interpretability of Deep Learning in Multivariate Time Series Predictions. Entropy, 2021, 23, 143.	2.2	9
2	Human-Centric AI: The Symbiosis of Human and Artificial Intelligence. Entropy, 2021, 23, 332.	2.2	8
3	Lithophyllum rims as biological markers for constraining palaeoseismic events and relative sea-level variations during the last 3.3 Åka on Lopud Island, southern Adriatic, Croatia. Global and Planetary Change, 2021, 202, 103517.	3.5	11
4	Aspects of model dependence of η complex treated by going beyond the isospin limit. European Physical Journal A, 2020, 56, 1.	2.5	1
5	A Dyson-Schwinger model beyond isospin limit. European Physical Journal: Special Topics, 2020, 229, 3363-3370.	2.6	3
6	Temperature Dependence of the Axion Mass in a Scenario Where the Restoration of Chiral Symmetry Drives the Restoration of the UA(1) Symmetry. Universe, 2019, 5, 208.	2.5	4
7	Relative sea-level change and climate change in the Northeastern Adriatic during the last 1.5 ka (Istria, Croatia). Tj ETQq1 1 0.784314 rgBT /Over 3.0 28	3.0	28
8	$\hat{\rho}$ and $\hat{\rho}$ mesons at high T when the UA(1) and chiral symmetry breaking are tied. Physical Review D, 2019, 99, .	4.7	16
9	A generalization of random matrix theory and its application to statistical physics. Chaos, 2017, 27, 023104.	2.5	2
10	Predicting the Lifetime of Dynamic Networks Experiencing Persistent Random Attacks. Scientific Reports, 2015, 5, 14286.	3.3	17
11	The cost of attack in competing networks. Journal of the Royal Society Interface, 2015, 12, 20150770.	3.4	39
12	UA(1)symmetry restoration scenario supported by the generalized Witten-Veneziano relation and its analytic solution. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2014, 738, 113-117.	4.1	10
13	Medium induced Lorentz symmetry breaking effects in nonlocal Polyakov-Nambu-Jona-Lasinio models. Physical Review D, 2014, 89, .	4.7	20
14	Recovering the chiral critical endpoint via delocalization of quark interactions. Physical Review D, 2014, 89, .	4.7	3
15	Systemic risk in dynamical networks with stochastic failure criterion. Europhysics Letters, 2014, 106, 68003.	2.0	12
16	Vibrationally resolved N ₁ absorption spectra of the acrylonitrile molecule. Physical Review A, 2012, 85, .	2.5	9
17	Preferential attachment in the interaction between dynamically generated interdependent networks. Europhysics Letters, 2012, 100, 50004.	2.0	20
18	The competitiveness versus the wealth of a country. Scientific Reports, 2012, 2, 678.	3.3	26

#	ARTICLE	IF	CITATIONS
19	Scaling of Growth Rate Volatility for Six Macroeconomic Variables. Contemporary Economics, 2012, 6, 20-25.	1.8	0
20	Width of the QCD transition in a Polyakov-loop Dyson-Schwinger equation model. Physical Review D, 2011, 84, .	4.7	31
21	$\langle \text{multiplicity} \rangle$ and the Witten-Veneziano relation at finite temperature. Physical Review D, 2011, 84, .		22
22	Quantifying and modeling long-range cross correlations in multiple time series with applications to world stock indices. Physical Review E, 2011, 83, 046121.	2.1	109
23	Detrended cross-correlation analysis for non-stationary time series with periodic trends. Europhysics Letters, 2011, 94, 18007.	2.0	290
24	Asymmetric Levy flight in financial ratios. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 17883-17888.	7.1	66
25	Common scaling behavior in finance and macroeconomics. European Physical Journal B, 2010, 76, 487-490.	1.5	12
26	Time-lag cross-correlations in collective phenomena. Europhysics Letters, 2010, 90, 68001.	2.0	188
27	Scale-invariant properties of public-debt growth. Europhysics Letters, 2010, 90, 38006.	2.0	12
28	Comparison between response dynamics in transition economies and developed economies. Physical Review E, 2010, 82, 046104.	2.1	32
29	Bankruptcy risk model and empirical tests. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 18325-18330.	7.1	71
30	Asymmetry in power-law magnitude correlations. Physical Review E, 2009, 80, 015101.	2.1	7
31	Quantitative relations between risk, return and firm size. Europhysics Letters, 2009, 85, 50003.	2.0	19
32	Quantifying cross-correlations using local and global detrending approaches. European Physical Journal B, 2009, 71, 243-250.	1.5	380
33	Cross-correlations between volume change and price change. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 22079-22084.	7.1	590
34	Modeling long-range cross-correlations in two-component ARFIMA and FIARCH processes. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 3954-3959.	2.6	130
35	η and η' mesons in the Dyson-Schwinger approach using a generalization of the Witten-Veneziano relation. European Physical Journal A, 2008, 38, 257-264.	2.5	5
36	Pseudoscalar meson nonet at zero and finite temperature. Physics of Particles and Nuclei, 2008, 39, 1033-1039.	0.7	14

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37	Vibrations of acrylonitrile in $N < \mathbb{1} > s$ excited states. Physical Review A, 2008, 77, .	2.5	17
38	Size-dependent standard deviation for growth rates: Empirical results and theoretical modeling. Physical Review E, 2008, 77, 056102.	2.1	38
39	\hat{I} and \hat{I}^2 mesons in the Dyson-Schwinger approach at finite temperature. Physical Review D, 2007, 76, .	4.7	23
40	Quark-meson SU(3) model in a Tamm-Dancoff inspired approximation. European Physical Journal C, 2005, 38, 483-494.	3.9	0
41	Fractionally integrated process with power-law correlations in variables and magnitudes. Physical Review E, 2005, 72, 026121.	2.1	74
42	TWO PHOTON DECAYS OF SCALAR MESONS IN A COVARIANT QUARK MODEL. International Journal of Modern Physics A, 2000, 15, 65-79.	1.5	1