Alberto Fachechi

List of Publications by Year
in descending order

19 papers	227 citations	8 h-index
20 all docs	20 docs citations	20 times ranked

1162367

996533

15 g-index
213 citing authors

#	Article	IF	Citations
1	Dreaming neural networks: Forgetting spurious memories and reinforcing pure ones. Neural Networks, 2019, 112, 24-40.	3.3	39
2	Virasoro vacuum block at next-to-leading order in the heavy-light limit. Journal of High Energy Physics, 2016, 2016, 1.	1.6	36
3	Detecting cardiac pathologies via machine learning on heart-rate variability time series and related markers. Scientific Reports, 2020, 10, 8845.	1.6	34
4	A new mechanical approach to handle generalized Hopfield neural networks. Neural Networks, 2018, 106, 205-222.	3.3	27
5	Neural Networks with a Redundant Representation: Detecting the Undetectable. Physical Review Letters, 2020, 124, 028301.	2.9	19
6	Generalized Guerra's interpolation schemes for dense associative neural networks. Neural Networks, 2020, 128, 254-267.	3.3	18
7	Dreaming neural networks: rigorous results. Journal of Statistical Mechanics: Theory and Experiment, 2019, 2019, 083503.	0.9	13
8	Reactive immunization on complex networks. Europhysics Letters, 2017, 117, 18002.	0.7	8
9	A transport equation approach for deep neural networks with quenched random weights. Journal of Physics A: Mathematical and Theoretical, 2021, 54, 505004.	0.7	7
10	Exact partition functions for deformed N = 2 $$ mathcal{N}=2 $$ theories with N f = 4 $$ {mathcal{N}}_f=4 $$ flavours. Journal of High Energy Physics, 2016, 2016, 1.	1.6	6
11	Chiral trace relations in Î©-deformed N = 2 $$ mathcal{N}=2 $$ theories. Journal of High Energy Physics, 2017, 2017, 1.	1.6	6
12	Interpolating between boolean and extremely high noisy patterns through minimal dense associative memories. Journal of Physics A: Mathematical and Theoretical, 2020, 53, 074001.	0.7	4
13	PDE/Statistical Mechanics Duality: Relation Between Guerra's Interpolated p-Spin Ferromagnets and the Burgers Hierarchy. Journal of Statistical Physics, 2021, 183, 1.	0.5	3
14	On the Marchenko–Pastur law in analog bipartite spin-glasses. Journal of Physics A: Mathematical and Theoretical, 2019, 52, 254002.	0.7	2
15	The relativistic Hopfield model with correlated patterns. Journal of Mathematical Physics, 2020, 61, 123301.	0.5	2
16	An evolutionary game model for behavioral gambit of loyalists: Global awareness and risk-aversion. Europhysics Letters, 2018, 121, 38001.	0.7	1
17	Chiral Trace Relations in $$mathcal{N}=2^*$$ Supersymmetric Gauge Theories. Theoretical and Mathematical Physics(Russian Federation), 2018, 196, 1282-1293.	0.3	1
18	Analysis of temporal correlation in heart rate variability through maximum entropy principle in a minimal pairwise glassy model. Scientific Reports, 2020, 10, 15353.	1.6	1

#	Article	IF	Citations
19	On the cusp anomalous dimension in the ladder limit of N = 4 $$ mathcal{N}=4 $$ SYM. Journal of High Energy Physics, 2016, 2016, 1.	1.6	0