

# Alberto Fachechi

## List of Publications by Citations

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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.

19  
papers

145  
citations

7  
h-index

11  
g-index

20  
ext. papers

189  
ext. citations

4.1  
avg, IF

3.56  
L-index

#	Paper	IF	Citations
19	Virasoro vacuum block at next-to-leading order in the heavy-light limit. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	32
18	Dreaming neural networks: Forgetting spurious memories and reinforcing pure ones. <i>Neural Networks</i> , <b>2019</b> , 112, 24-40	9.1	24
17	A new mechanical approach to handle generalized Hopfield neural networks. <i>Neural Networks</i> , <b>2018</b> , 106, 205-222	9.1	19
16	Detecting cardiac pathologies via machine learning on heart-rate variability time series and related markers. <i>Scientific Reports</i> , <b>2020</b> , 10, 8845	4.9	17
15	Generalized Guerra's interpolation schemes for dense associative neural networks. <i>Neural Networks</i> , <b>2020</b> , 128, 254-267	9.1	11
14	Neural Networks with a Redundant Representation: Detecting the Undetectable. <i>Physical Review Letters</i> , <b>2020</b> , 124, 028301	7.4	10
13	Reactive immunization on complex networks. <i>Europhysics Letters</i> , <b>2017</b> , 117, 18002	1.6	7
12	Dreaming neural networks: rigorous results. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , <b>2019</b> , 2019, 083503	1.9	6
11	Chiral trace relations in deformed ( $\mathcal{N}=2$ ) theories. <i>Journal of High Energy Physics</i> , <b>2017</b> , 2017, 1	5.4	4
10	Exact partition functions for deformed ( $\mathcal{N}=2$ ) theories with ( $\mathcal{N}_f=4$ ) flavours. <i>Journal of High Energy Physics</i> , <b>2016</b> , 2016, 1	5.4	4
9	Interpolating between boolean and extremely high noisy patterns through minimal dense associative memories. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2020</b> , 53, 074001	2	3
8	A transport equation approach for deep neural networks with quenched random weights. <i>Journal of Physics A: Mathematical and Theoretical</i> ,	2	3
7	On the Marchenko-Pastur law in analog bipartite spin-glasses. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2019</b> , 52, 254002	2	2
6	The relativistic Hopfield model with correlated patterns. <i>Journal of Mathematical Physics</i> , <b>2020</b> , 61, 123301		2
5	PDE/Statistical Mechanics Duality: Relation Between Guerra's Interpolated p-Spin Ferromagnets and the Burgers Hierarchy. <i>Journal of Statistical Physics</i> , <b>2021</b> , 183, 1	1.5	1
4	An evolutionary game model for behavioral gambit of loyalists: Global awareness and risk-aversion. <i>Europhysics Letters</i> , <b>2018</b> , 121, 38001	1.6	0
3	Analysis of temporal correlation in heart rate variability through maximum entropy principle in a minimal pairwise glassy model. <i>Scientific Reports</i> , <b>2020</b> , 10, 15353	4.9	0

- 2 Chiral Trace Relations in ( $\mathcal{N}=2^*$ ) Supersymmetric Gauge Theories. *Theoretical and Mathematical Physics(Russian Federation)*, **2018**, 196, 1282-1293 0.7 0
- 1 On the cusp anomalous dimension in the ladder limit of ( $\mathcal{N}=4$ ) SYM. *Journal of High Energy Physics*, **2016**, 2016, 1 5.4