Massimo Stella

List of Publications by Year
in descending order

40 papers	953 citations	567281 15 h-index	477307 29 g-index
55 all docs	55 docs citations	55 times ranked	759 citing authors

#	Article	IF	Citations
1	Network psychometrics and cognitive network science open new ways for understanding math anxiety as a complex system. Journal of Complex Networks, 2022, 10, .	1.8	2
2	Knowledge Modelling and Learning through Cognitive Networks. Big Data and Cognitive Computing, 2022, 6, 53.	4.7	1
3	Cognitive Networks Extract Insights on COVID-19 Vaccines from English and Italian Popular Tweets: Anticipation, Logistics, Conspiracy and Loss of Trust. Big Data and Cognitive Computing, 2022, 6, 52.	4.7	10
4	Cognitive Network Science for Understanding Online Social Cognitions: A Brief Review. Topics in Cognitive Science, 2021, , .	1.9	14
5	Unraveling the effects of multiscale network entanglement on empirical systems. Communications Physics, 2021, 4, .	5.3	10
6	Revealing semantic and emotional structure of suicide notes with cognitive network science. Scientific Reports, 2021, 11, 19423.	3.3	18
7	DASentimental: Detecting Depression, Anxiety, and Stress in Texts via Emotional Recall, Cognitive Networks, and Machine Learning. Big Data and Cognitive Computing, 2021, 5, 77.	4.7	5
8	Quantifying the Interplay of Semantics and Phonology During Failures of Word Retrieval by People With Aphasia Using a Multiplex Lexical Network. Cognitive Science, 2020, 44, e12881.	1.7	20
9	Cognitive Network Science Reconstructs How Experts, News Outlets and Social Media Perceived the COVID-19 Pandemic. Systems, 2020, 8, 38.	2.3	6
10	Multiplex networks quantify robustness of the mental lexicon to catastrophic concept failures, aphasic degradation and ageing. Physica A: Statistical Mechanics and Its Applications, 2020, 554, 124382.	2.6	17
11	#lockdown: Network-Enhanced Emotional Profiling in the Time of COVID-19. Big Data and Cognitive Computing, 2020, 4, 14.	4.7	40
12	Forma Mentis Networks Reconstruct How Italian High Schoolers and International STEM Experts Perceive Teachers, Students, Scientists, and School. Education Sciences, 2020, 10, 17.	2.6	10
13	Heterogeneity in social and epidemiological factors determines the risk of measles outbreaks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 30118-30125.	7.1	14
14	Forma mentis networks map how nursing and engineering students enhance their mindsets about innovation and health during professional growth. PeerJ Computer Science, 2020, 6, e255.	4.5	13
15	Text-mining forma mentis networks reconstruct public perception of the STEM gender gap in social media. PeerJ Computer Science, 2020, 6, e295.	4.5	18
16	Viability in Multiplex Lexical Networks and Machine Learning Characterizes Human Creativity. Big Data and Cognitive Computing, 2019, 3, 45.	4.7	29
17	Individual perception dynamics in drunk games. Physical Review E, 2019, 99, 052311.	2.1	6
18	Influence of augmented humans in online interactions during voting events. PLoS ONE, 2019, 14, e0214210.	2.5	29

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19	Modelling Early Word Acquisition through Multiplex Lexical Networks and Machine Learning. Big Data and Cognitive Computing, 2019, 3, 10.	4.7	23
20	The multiplex structure of the mental lexicon influences picture naming in people with aphasia. Journal of Complex Networks, 2019, 7, 913-931.	1.8	30
21	Investigating Peer and Sorting Effects within an Adaptive Multiplex Network Model. Games, 2019, 10, 16.	0.6	2
22	Forma mentis networks quantify crucial differences in STEM perception between students and experts. PLoS ONE, 2019, 14, e0222870.	2.5	30
23	The architecture of an empirical genotype-phenotype map. Evolution; International Journal of Organic Evolution, 2018, 72, 1242-1260.	2.3	27
24	Multiplex model of mental lexicon reveals explosive learning in humans. Scientific Reports, 2018, 8, 2259.	3.3	62
25	Competitive influence maximization and enhancement of synchronization in populations of non-identical Kuramoto oscillators. Scientific Reports, 2018, 8, 702.	3.3	9
26	Bots increase exposure to negative and inflammatory content in online social systems. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 12435-12440.	7.1	283
27	Assessing the position tracking reliability of Carstens' AG500 and AG501 electromagnetic articulographs during constrained movements and speech tasks. Speech Communication, 2018, 104, 73-88.	2.8	6
28	Cohort and Rhyme Priming Emerge from the Multiplex Network Structure of the Mental Lexicon. Complexity, 2018, 2018, 1-14.	1.6	11
29	Distance Entropy Cartography Characterises Centrality in Complex Networks. Entropy, 2018, 20, 268.	2.2	26
30	Ecological multiplex interactions determine the role of species for parasite spread amplification. ELife, 2018, 7, .	6.0	10
31	Multiplex lexical networks reveal patterns in early word acquisition in children. Scientific Reports, 2017, 7, 46730.	3.3	79
32	Investigating the Phonetic Organisation of the English Language via Phonological Networks, Percolation and Markov Models. Springer Proceedings in Complexity, 2016, , 219-229.	0.3	5
33	Mental Lexicon Growth Modelling Reveals the Multiplexity of the English Language. Studies in Computational Intelligence, 2016, , 267-279.	0.9	8
34	Patterns in the English language: phonological networks, percolation and assembly models. Journal of Statistical Mechanics: Theory and Experiment, 2015, 2015, P05006.	2.3	24
35	A -deformed model of growing complex networks with fitness. Physica A: Statistical Mechanics and Its Applications, 2014, 407, 360-368.	2.6	9
36	Numerical instabilities and three-dimensional electromagnetic articulography. Journal of the Acoustical Society of America, 2012, 132, 3941-3949.	1.1	15

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37	Parasite spreading in spatial ecological multiplex networks. Journal of Complex Networks, 0, , cnw028.	1.8	10
38	Social discourse and reopening after COVID-19. First Monday, 0, , .	0.6	3
39	Electromagnetic articulography with AG500 and AG501. , 0, , .		4
40	The multiplex interplay between phonological and semantic networks impacts word production across different types of aphasia. Frontiers in Human Neuroscience, 0, 12, .	2.0	0