Siamak K Sorooshyari

List of Publications by Year
in descending order

17 papers	184 citations	1307594 7 h-index	1281871 11 g-index
19 all docs	19 docs citations	19 times ranked	211 citing authors

#	Article	IF	Citations
1	Power Control for Cognitive Radio Networks: Axioms, Algorithms, and Analysis. IEEE/ACM Transactions on Networking, 2012, 20, 878-891.	3.8	44
2	Deconstruction of the beaten Path-Sidestep interaction network provides insights into neuromuscular system development. ELife, 2017, 6, .	6.0	41
3	Autonomous Dynamic Power Control for Wireless Networks: User-Centric and Network-Centric Consideration. IEEE Transactions on Wireless Communications, 2008, 7, 1004-1015.	9.2	22
4	On the generation of correlated Rayleigh fading envelopes for accurate simulation of diversity channels. IEEE Transactions on Communications, 2006, 54, 1381-1386.	7.8	21
5	A Framework for Quantitative Modeling of Neural Circuits Involved in Sleep-to-Wake Transition. Frontiers in Neurology, 2015, 6, 32.	2.4	20
6	Performance of Multicarrier CDMA in the Presence of Correlated Fading. IEEE Transactions on Vehicular Technology, 2009, 58, 3837-3843.	6.3	8
7	On Maximum-Likelihood SINR Estimation of MPSK in a Multiuser Fading Channel. IEEE Transactions on Vehicular Technology, 2010, 59, 4175-4181.	6.3	7
8	A Layered Control Architecture of Sleep and Arousal. Frontiers in Computational Neuroscience, 2020, 14, 8.	2.1	6
9	Quantitative and Correlational Analysis of Brain and Spleen Immune Cellular Responses Following Cerebral Ischemia. Frontiers in Immunology, 2021, 12, 617032.	4.8	6
10	Bit Error Rate Analysis of Maximal-Ratio Combining over Correlated Gaussian Vector Channels. IEEE Transactions on Wireless Communications, 2008, 7, 1128-1133.	9.2	5
11	Object Recognition at Higher Regions of the Ventral Visual Stream via Dynamic Inference. Frontiers in Computational Neuroscience, 2020, 14, 46.	2.1	3
12	MMSE detection of multicarrier CDMA in the presence of correlated fading. , 0, , .		0
13	Performance analysis of multiuser OFDM with optimum combining. , 0, , .		0
14	On Distributed Power Allocation for Rate-Constrained Wireless Networks. , 2006, , .		0
15	An autoregressive approach to inference in populations of correlated stochastic neurons. , 2017, , .		0
16	Probabilistic Modeling of Pseudorabies Virus Infection in a Neural Circuit. Journal of Computational Biology, 2018, 25, 1231-1246.	1.6	0
17	A communication-theoretic formulation of a continuous linear-nonlinear model of retinal ganglion cells. , 2018, , .		0