

Siamak K Sorooshyari

List of Publications by Year in descending order

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17
papers

184
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1307594

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1281871

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times ranked

211
citing authors

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