Xiao Li

List of Publications by Year
in descending order

26	990	933447	1199594
26	**990**	**10**	**12**
papers	citations	h-index	g-index
26	**26**	**26**	**1051**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multiplexed coded illumination for Fourier Ptychography with an LED array microscope. Biomedical Optics Express, 2014, 5, 2376.	2.9	452
2	Demand-Side Management in the Smart Grid: Information Processing for the Power Switch. IEEE Signal Processing Magazine, 2012, 29, 55-67.	5.6	97
3	Timing Estimation and Resynchronization for Amplify-and-Forward Communication Systems. IEEE Transactions on Signal Processing, 2010, 58, 2218-2229.	5.3	88
4	Timing Synchronization in Decode-and-Forward Cooperative Communication Systems. IEEE Transactions on Signal Processing, 2009, 57, 1444-1455.	5.3	71
5	Robust Decentralized State Estimation and Tracking for Power Systems via Network Gossiping. IEEE Journal on Selected Areas in Communications, 2013, 31, 1184-1194.	14.0	51
6	Blind topology identification for power systems. , 2013, , .		43
7	A Framework for Phasor Measurement Placement in Hybrid State Estimation Via Gauss–Newton. IEEE Transactions on Power Systems, 2014, 29, 824-832.	6.5	40
8	Convergence and Applications of a Gossip-Based Gauss-Newton Algorithm. IEEE Transactions on Signal Processing, 2013, 61, 5231-5246.	5.3	29
9	GPS signal acquisition via compressive multichannel sampling. Physical Communication, 2012, 5, 173-184.	2.1	25
10	Sub-linear time compressed sensing using sparse-graph codes. , 2015, , .		15
11	Compressive Link Acquisition in Multiuser Communications. IEEE Transactions on Signal Processing, 2013, 61, 3229-3245.	5.3	14
12	Sub-Linear Time Support Recovery for Compressed Sensing Using Sparse-Graph Codes. IEEE Transactions on Information Theory, 2019, 65, 6580-6619.	2.4	14
13	CFO estimation in OFDM systems under timing and channel length uncertainties with model averaging. IEEE Transactions on Wireless Communications, 2010, 9, 970-974.	9.2	10
14	Optimal sensor placement for hybrid state estimation in smart grid. , 2013, , .		9
15	Advances in decentralized state estimation for power systems. , 2013, , .		6
16	Low complexity acquisition of GPS signals. , 2011, , .		5
17	Compressed sensing using sparse-graph codes for the continuous-alphabet setting. , 2016, , .		5
18	Compressed channel sensing: Is the Restricted Isometry Property the right metric?. , 2011, , .		4

#	ARTICLE	IF	CITATIONS
19	Bayesian CFO Estimation in OFDM Systems. , 2009, , .		3
20	On Performance Bounds for Timing Estimation under Fading Channels. , 2009, , .		2
21	Author's Reply to â€œComments on `Timing Estimation and Resynchronization for Amplify-and-Forward Communication Systems'â€• IEEE Transactions on Signal Processing, 2011, 59, 4048-4049.	5.3	2
22	Optimal sampling structure for asynchronous multi-access channels. , 2012, , .		2
23	Decentralized data processing and management in Smart Grid via gossiping. , 2012, , .		2
24	Robust collaborative state estimation for smart grid monitoring. , 2013, , .		1
25	Multiple timing offsets compensation in cooperative communication systems. , 2009, , .		0
26	A sparse-graph-coded filter bank approach to minimum-rate spectrum-blind sampling. , 2016, , .		0