

# Xiaochuan Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11108975/publications.pdf>

Version: 2024-02-01

21  
papers

1,041  
citations

1163117

8  
h-index

1588992

8  
g-index

21  
all docs

21  
docs citations

21  
times ranked

485  
citing authors

#	ARTICLE	IF	CITATIONS
1	Diffusion strategies for adaptation and learning over networks: an examination of distributed strategies and network behavior. IEEE Signal Processing Magazine, 2013, 30, 155-171.	5.6	391
2	Diffusion Adaptation Over Networks Under Imperfect Information Exchange and Non-Stationary Data. IEEE Transactions on Signal Processing, 2012, 60, 3460-3475.	5.3	141
3	Performance Limits for Distributed Estimation Over LMS Adaptive Networks. IEEE Transactions on Signal Processing, 2012, 60, 5107-5124.	5.3	112
4	Distributed Clustering and Learning Over Networks. IEEE Transactions on Signal Processing, 2015, 63, 3285-3300.	5.3	84
5	Asynchronous Adaptation and Learning Over Networksâ€”Part I: Modeling and Stability Analysis. IEEE Transactions on Signal Processing, 2015, 63, 811-826.	5.3	60
6	Clustering via diffusion adaptation over networks. , 2012, , .		53
7	Learning over social networks via diffusion adaptation. , 2012, , .		45
8	Asynchronous Adaptation and Learning Over Networksâ€”Part II: Performance Analysis. IEEE Transactions on Signal Processing, 2015, 63, 827-842.	5.3	30
9	Single-link diffusion strategies over adaptive networks. , 2012, , .		25
10	Bacterial motility via diffusion adaptation. , 2010, , .		21
11	Asynchronous Adaptation and Learning Over Networksâ€”Part III: Comparison Analysis. IEEE Transactions on Signal Processing, 2015, 63, 843-858.	5.3	19
12	Doppler Spread Estimation by Tracking the Delay-Subspace for OFDM Systems in Doubly Selective Fading Channels. IEEE Signal Processing Letters, 2009, 16, 212-215.	3.6	10
13	Beam coordination via diffusion adaptation over array networks. , 2012, , .		10
14	Asynchronous Adaptive Networks a. , 2018, , 3-68.		9
15	Performance limits of LMS-based adaptive networks. , 2011, , .		7
16	Doppler Spread Estimation by Subspace Tracking for OFDM Systems. , 2008, , .		6
17	Combination weights for diffusion strategies with imperfect information exchange. , 2012, , .		6
18	Probability distribution of steady-state errors and adaptation over networks. , 2011, , .		5

#	ARTICLE	IF	CITATIONS
19	Attaining optimal batch performance via distributed processing over networks. , 2013, , .		5
20	Parametric channel estimation by exploiting hopping pilots in uplink OFDMA. , 2008, , .		1
21	On the Cramer-Rao Lower Bound for Spatial Correlation Matrices of Doubly Selective Fading Channels for MIMO OFDM Systems. , 2009, , .		1