

# Jian Yuan

## List of Publications by Year in descending order

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22  
papers

439  
citations

933447

10  
h-index

996975

15  
g-index

22  
all docs

22  
docs citations

22  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partition Information and its Transmission Over Boolean Multi-Access Channels. IEEE Transactions on Information Theory, 2015, 61, 1010-1027.	2.4	14
2	Asymptotic Error Free Partitioning Over Noisy Boolean Multiaccess Channels. IEEE Transactions on Information Theory, 2015, 61, 6168-6181.	2.4	2
3	Opportunistic sharing scheme for spectrum allocation in wireless virtualization. Soft Computing, 2014, 18, 1685-1696.	3.6	55
4	Hierarchical DHT and proportional replication based mobility management for large-scale mobile Internet. Mathematical and Computer Modelling, 2013, 57, 2846-2862.	2.0	0
5	Opportunistic Spectrum Sharing Based Resource Allocation for Wireless Virtualization. , 2013, , .		43
6	Understanding urban dynamics based on pervasive sensing: An experimental study on traffic density and air pollution. Mathematical and Computer Modelling, 2013, 58, 1328-1339.	2.0	11
7	Exploring Urban Dynamics Based on Pervasive Sensing: Correlation Analysis of Traffic Density and Air Quality. , 2012, , .		7
8	A DHT and MDP-based mobility management scheme for large-scale mobile internet. , 2011, , .		13
9	Analysis of Optimal Query, Fairness and Replication for DHT-based Mobility Management. , 2011, , .		2
10	An Effective Method of Monitoring the Large-Scale Traffic Pattern Based on RMT and PCA. Journal of Probability and Statistics, 2010, 2010, 1-16.	0.7	4
11	An Index Structure Framework to Analyze Host Mobility Supports for Integrated Networks. Journal of Networks, 2009, 4, .	0.4	3
12	High photocatalytic activity and stability for decomposition of gaseous acetaldehyde on TiO <sub>2</sub> /Al <sub>2</sub> O <sub>3</sub> composite films coated on foam nickel substrates by sol-gel processes. Journal of Sol-Gel Science and Technology, 2008, 45, 1-8.	2.4	32
13	Promotion effect of Al <sub>2</sub> O <sub>3</sub> –SiO <sub>2</sub> interlayer and Pt loading on TiO <sub>2</sub> /nickel-foam photocatalyst for degrading gaseous acetaldehyde. Catalysis Today, 2008, 139, 140-145.	4.4	32
14	Monitoring the spatial-temporal effect of internet traffic based on Random Matrix Theory. , 2008, , .		1
15	<pre>&lt;math display="block"&gt;\text{TiO}_2/\text{SiO}_2</pre> Films Immobilized on Foam Nickel Substrate for the Photocatalytic Degradation of Gaseous Acetaldehyde. International Journal of Photoenergy, 2008, 2008, 1-8.		
16	Preparations of TiO <sub>2</sub> film coated on foam nickel substrate by sol-gel processes and its photocatalytic activity for degradation of acetaldehyde. Journal of Environmental Sciences, 2007, 19, 80-85.	6.1	66
17	Time-dependent collective behavior in a computer network model. Physica A: Statistical Mechanics and Its Applications, 2006, 368, 294-304.	2.6	4
18	A cross-correlation-based method for spatial–temporal traffic analysis. Performance Evaluation, 2005, 61, 163-180.	1.2	22

#	ARTICLE	IF	CITATIONS
19	Monitoring the Macroscopic Effect of DDoS Flooding Attacks. IEEE Transactions on Dependable and Secure Computing, 2005, 2, 324-335.	5.4	69
20	Exploring collective dynamics in communication networks. Journal of Research of the National Institute of Standards and Technology, 2002, 107, 179.	1.2	16
21	Self-organized criticality in a computer network model. Physical Review E, 2000, 61, 1067-1071.	2.1	34
22	Macroscopic Dynamics in Large-Scale Data Networks. , 0, , 191-211.		4