

Jian Yuan

List of Publications by Year in descending order

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22
papers

439
citations

933447

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996975

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g-index

22
all docs

22
docs citations

22
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring the Macroscopic Effect of DDoS Flooding Attacks. IEEE Transactions on Dependable and Secure Computing, 2005, 2, 324-335.	5.4	69
2	Preparations of TiO ₂ 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
3	Opportunistic sharing scheme for spectrum allocation in wireless virtualization. Soft Computing, 2014, 18, 1685-1696.	3.6	55
4	Opportunistic Spectrum Sharing Based Resource Allocation for Wireless Virtualization. , 2013, , .		43
5	Self-organized criticality in a computer network model. Physical Review E, 2000, 61, 1067-1071.	2.1	34
6	High photocatalytic activity and stability for decomposition of gaseous acetaldehyde on TiO ₂ /Al ₂ O ₃ 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
7	Promotion effect of Al ₂ O ₃ â€“SiO ₂ interlayer and Pt loading on TiO ₂ /nickel-foam photocatalyst for degrading gaseous acetaldehyde. Catalysis Today, 2008, 139, 140-145.	4.4	32
8	A cross-correlation-based method for spatialâ€“temporal traffic analysis. Performance Evaluation, 2005, 61, 163-180.	1.2	22
9	Exploring collective dynamics in communication networks. Journal of Research of the National Institute of Standards and Technology, 2002, 107, 179.	1.2	16
10	Partition Information and its Transmission Over Boolean Multi-Access Channels. IEEE Transactions on Information Theory, 2015, 61, 1010-1027.	2.4	14
11	A DHT and MDP-based mobility management scheme for large-scale mobile internet. , 2011, , .		13
12	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
13	Exploring Urban Dynamics Based on Pervasive Sensing: Correlation Analysis of Traffic Density and Air Quality. , 2012, , .		7
14	$\langle \text{mml:math} \text{xmlns:mml}=\text{"http://www.w3.org/1998/Math/MathML"} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{TiO} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:msub} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{SiO} \langle \text{mml:mtext} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:mtext} \rangle \text{Films Immobilized on Foam Nickel Substrate for the Photocatalytic Degradation of Gaseous Acetaldehyde. International Journal of Photoenergy, 2008, 2008, 1-8.}$		
15	Time-dependent collective behavior in a computer network model. Physica A: Statistical Mechanics and Its Applications, 2006, 368, 294-304.	2.6	4
16	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
17	Macroscopic Dynamics in Large-Scale Data Networks. , 0, , 191-211.		4
18	An Index Structure Framework to Analyze Host Mobility Supports for Integrated Networks. Journal of Networks, 2009, 4, .	0.4	3

#	ARTICLE	IF	CITATIONS
19	Analysis of Optimal Query, Fairness and Replication for DHT-based Mobility Management. , 2011, , .		2
20	Asymptotic Error Free Partitioning Over Noisy Boolean Multiaccess Channels. IEEE Transactions on Information Theory, 2015, 61, 6168-6181.	2.4	2
21	Monitoring the spatial-temporal effect of internet traffic based on Random Matrix Theory. , 2008, , .		1
22	Hierarchical DHT and proportional replication based mobility management for large-scale mobile Internet. Mathematical and Computer Modelling, 2013, 57, 2846-2862.	2.0	0