Juan Liu

List of Publications by Year
in descending order

18 papers	1,116 citations	933447 10 h-index	1281871 11 g-index
18 all docs	18 docs citations	18 times ranked	2410 citing authors

#	Article	IF	Citations
1	Size-Dependent Localization and Penetration of Ultrasmall Gold Nanoparticles in Cancer Cells, Multicellular Spheroids, and Tumors <i>in Vivo</i>. ACS Nano, 2012, 6, 4483-4493.	14.6	724
2	An accurate feature‐based method for identifying DNA‐binding residues on protein surfaces. Proteins: Structure, Function and Bioinformatics, 2011, 79, 509-517.	2.6	68
3	Surface chemistry-mediated penetration and gold nanorod thermotherapy in multicellular tumor spheroids. Nanoscale, 2013, 5, 143-146.	5.6	66
4	Computational Prediction of Conformational B-Cell Epitopes from Antigen Primary Structures by Ensemble Learning. PLoS ONE, 2012, 7, e43575.	2.5	52
5	Cooperative Beamforming for Cognitive Radio Networks: A Cross-Layer Design. IEEE Transactions on Communications, 2012, 60, 1420-1431.	7.8	47
6	Prediction of heme binding residues from protein sequences with integrative sequence profiles. Proteome Science, 2012, 10, S20.	1.7	36
7	A Distributed Beamforming Approach for Enhanced Opportunistic Spectrum Access in Cognitive Radios. , 2009, , .		31
8	Exploiting a Reduced Set of Weighted Average Features to Improve Prediction of DNA-Binding Residues from 3D Structures. PLoS ONE, 2011, 6, e28440.	2.5	30
9	Delay Optimal Scheduling for Cognitive Radios with Cooperative Beamforming: A Structured Matrix-Geometric Method. IEEE Transactions on Mobile Computing, 2012, 11, 1412-1423.	5.8	19
10	Analysis and classification of DNA‐binding sites in single‐stranded and double‐stranded DNA‐binding proteins using protein information. IET Systems Biology, 2014, 8, 176-183.	1.5	11
11	Predicting immunogenic T-cell epitopes by combining various sequence-derived features. , 2013, , .		10
12	Surface shapes and surrounding environment analysis of single‐and double‐stranded DNA‐binding proteins in protein‐DNA interface. Proteins: Structure, Function and Bioinformatics, 2016, 84, 979-989.	2.6	10
13	CORE-4: Cognition oriented relaying exploiting 4-D spectrum holes. , 2011, , .		5
14	An Opportunistic Scheduling Scheme for Cognitive Wireless Networks with Cooperative Beamforming. , 2010, , .		4
15	Active interference cancellation-aided QoS-aware distributed ARQ for cognitive radios with heterogeneous traffics. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	3
16	Distributed beamforming based directional spectrum sharing. , 2011, , .		0
17	Achieving low outage probability with network coding in wireless multicarrier multicast systems. , 2012, , .		0
18	A belief propagation based hierarchical approach for capacitated network decomposition. , 2014, , .		0