

Minhua Chen

List of Publications by Year in descending order

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13
papers

954
citations

1040056

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1281871

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docs citations

13
times ranked

1411
citing authors

#	ARTICLE	IF	CITATIONS
1	Gene Expression Signatures Diagnose Influenza and Other Symptomatic Respiratory Viral Infections in Humans. <i>Cell Host and Microbe</i> , 2009, 6, 207-217.	11.0	408
2	A Host Transcriptional Signature for Presymptomatic Detection of Infection in Humans Exposed to Influenza H1N1 or H3N2. <i>PLoS ONE</i> , 2013, 8, e52198.	2.5	157
3	A Host-Based RT-PCR Gene Expression Signature to Identify Acute Respiratory Viral Infection. <i>Science Translational Medicine</i> , 2013, 5, 203ra126.	12.4	133
4	Compressive Sensing on Manifolds Using a Nonparametric Mixture of Factor Analyzers: Algorithm and Performance Bounds. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 6140-6155.	5.3	117
5	Bayesian inference of the number of factors in gene-expression analysis: application to human virus challenge studies. <i>BMC Bioinformatics</i> , 2010, 11, 552.	2.6	29
6	Detection of Viruses Via Statistical Gene Expression Analysis. <i>IEEE Transactions on Biomedical Engineering</i> , 2011, 58, 468-479.	4.2	24
7	Predicting Viral Infection From High-Dimensional Biomarker Trajectories. <i>Journal of the American Statistical Association</i> , 2011, 106, 1259-1279.	3.1	24
8	Nonparametric Bayesian matrix completion. , 2010, , .		22
9	Sticky Hidden Markov Modeling of Comparative Genomic Hybridization. <i>IEEE Transactions on Signal Processing</i> , 2010, 58, 5353-5368.	5.3	17
10	High-Dimensional Longitudinal Genomic Data: An analysis used for monitoring viral infections. <i>IEEE Signal Processing Magazine</i> , 2012, 29, 108-123.	5.6	17
11	Response: Improving Development of the Molecular Signature for Diagnosis of Acute Respiratory Viral Infections. <i>Cell Host and Microbe</i> , 2010, 7, 102.	11.0	2
12	Corrections to "Compressive Sensing on Manifolds Using a Nonparametric Mixture of Factor Analyzers: Algorithm and Performance Bounds" [Dec 10 6140-6155]. <i>IEEE Transactions on Signal Processing</i> , 2011, 59, 1329-1329.	5.3	2
13	Mismatched estimation and relative entropy in vector Gaussian channels. , 2013, , .		2