Matthew Moores

List of Publications by Year
in descending order

15 papers	245 citations	1307594 7 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	464 citing authors

#	Article	IF	Citations
1	The Recycling Endosome Protein Rab17 Regulates Melanocytic Filopodia Formation and Melanosome Trafficking. Traffic, 2011, 12, 627-643.	2.7	83
2	<i>In vivo</i> multiplex molecular imaging of vascular inflammation using surface-enhanced Raman spectroscopy. Theranostics, 2018, 8, 6195-6209.	10.0	56
3	Pre-processing for approximate Bayesian computation in image analysis. Statistics and Computing, 2015, 25, 23-33.	1.5	23
4	Accelerating pseudo-marginal MCMC using Gaussian processes. Computational Statistics and Data Analysis, 2018, 118, 1-17.	1.2	22
5	Preferential Attachment of Specific Fluorescent Dyes and Dye Labeled DNA Sequences in a Surface Enhanced Raman Scattering Multiplex. Analytical Chemistry, 2016, 88, 1147-1153.	6.5	16
6	Scalable Bayesian Inference for the Inverse Temperature of a Hidden Potts Model. Bayesian Analysis, 2020, 15, .	3.0	14
7	Bayesian Quantification for Coherent Anti-Stokes Raman Scattering Spectroscopy. Journal of Physical Chemistry B, 2020, 124, 7005-7012.	2.6	8
8	An external field prior for the hidden Potts model with application to cone-beam computed tomography. Computational Statistics and Data Analysis, 2015, 86, 27-41.	1.2	6
9	Recent Bayesian approaches for spatial analysis of 2-D images with application to environmental modelling. Environmental and Ecological Statistics, 2015, 22, 571-600.	3.5	5
10	Bayesian Computation with Intractable Likelihoods. Lecture Notes in Mathematics, 2020, , 137-151.	0.2	4
11	Constructing a clinical decision-making framework for image-guided radiotherapy using a Bayesian Network. Journal of Physics: Conference Series, 2014, 489, 012074.	0.4	3
12	Segmentation of cone-beam CT using a hidden Markov random field with informative priors. Journal of Physics: Conference Series, 2014, 489, 012076.	0.4	3
13	Bayesian approaches to spatial inference: Modelling and computational challenges and solutions. AIP Conference Proceedings, 2014, , .	0.4	1
14	Automated replication of cone beam CT â€guided treatments in the Pinnacle 3 treatment planning system for adaptive radiotherapy. Journal of Medical Radiation Sciences, 2016, 63, 48-58.	1.5	1
15	BAYESIAN COMPUTATIONAL METHODS FOR SPATIAL ANALYSIS OF IMAGES. Bulletin of the Australian Mathematical Society, 2016, 93, 345-346.	0.5	0