Deepayan Sarkar

List of Publications by Year
in descending order

18	3,041	759233	940533
papers	citations	12	16
		h-index	g-index

19	19	19	5822
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Lattice. , 2008, , .		1,068
2	Detecting differential gene expression with a semiparametric hierarchical mixture method. Biostatistics, 2004, 5, 155-176.	1.5	526
3	flowCore: a Bioconductor package for high throughput flow cytometry. BMC Bioinformatics, 2009, 10, 106.	2.6	484
4	Genome-wide MyoD Binding in Skeletal Muscle Cells: A Potential for Broad Cellular Reprogramming. Developmental Cell, 2010, 18, 662-674.	7.0	434
5	High-resolution human genome structure by single-molecule analysis. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 10848-10853.	7.1	161
6	Age-related impairment of the transcriptional responses to oxidative stress in the mouse heart. Physiological Genomics, 2003, 13, 119-127.	2.3	81
7	An integrative genomic approach identifies p73 and p63 as activators of miR-200 microRNA family transcription. Nucleic Acids Research, 2012, 40, 499-510.	14.5	67
8	Quality Assessment and Data Analysis for microRNA Expression Arrays. Nucleic Acids Research, 2009, 37, e17-e17.	14.5	45
9	Single-molecule analysis reveals widespread structural variation in multiple myeloma. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7689-7694.	7.1	43
10	Coverage and error models of protein-protein interaction data by directed graph analysis. Genome Biology, 2007, 8, R186.	9.6	37
11	Discovery of structural alterations in solid tumor oligodendroglioma by single molecule analysis. BMC Genomics, 2013, 14, 505.	2.8	30
12	Impairment of the Transcriptional Responses to Oxidative Stress in the Heart of Aged C57BL/6 Mice. Annals of the New York Academy of Sciences, 2004, 1019, 85-95.	3.8	24
13	Statistical Significance of Optical Map Alignments. Journal of Computational Biology, 2012, 19, 478-492.	1.6	17
14	From random matrices to long range dependence. Random Matrices: Theory and Application, 2016, 05, 1650008.	1.1	10
15	iFlow: A Graphical User Interface for Flow Cytometry Tools in Bioconductor. Advances in Bioinformatics, 2009, 2009, 1-3.	5.7	7
16	A Note on the Construction of Orthogonal Latin Hypercube Designs. Journal of Combinatorial Designs, 2016, 24, 105-111.	0.6	6
17	Extending lattice: using generics and methods to implement new visualization methods within the Trellis framework. Computational Statistics, 2008, 23, 565-572.	1.5	1
18	R Graphics. Handbook of Statistics, 2014, 32, 49-91.	0.6	0