

# Surajit Ray

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9079720/publications.pdf>

Version: 2024-02-01

27  
papers

977  
citations

687363

13  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1495  
citing authors

#	ARTICLE	IF	CITATIONS
1	Radionuclide ventriculography phase analysis for risk stratification of patients undergoing cardiotoxic cancer therapy. <i>Journal of Nuclear Cardiology</i> , 2022, 29, 581-589.	2.1	6
2	Development of a Mortality Prediction Model in Hospitalised SARS-CoV-2 Positive Patients Based on Routine Kidney Biomarkers. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7260.	4.1	2
3	DenResCov-19: A deep transfer learning network for robust automatic classification of COVID-19, pneumonia, and tuberculosis from X-rays. <i>Computerized Medical Imaging and Graphics</i> , 2021, 94, 102008.	5.8	50
4	Use of Machine Learning and Artificial Intelligence to predict SARS-CoV-2 infection from Full Blood Counts in a population. <i>International Immunopharmacology</i> , 2020, 86, 106705.	3.8	124
5	Functional regression models for South African economic indicators: a growth curve perspective. <i>OPEC Energy Review</i> , 2019, 43, 217-237.	1.9	0
6	Prior-based Bayesian information criterion. <i>Statistical Theory and Related Fields</i> , 2019, 3, 2-13.	0.4	8
7	Spatial models with covariates improve estimates of peat depth in blanket peatlands. <i>PLoS ONE</i> , 2018, 13, e0202691.	2.5	8
8	Functional principal component analysis of spatially correlated data. <i>Statistics and Computing</i> , 2017, 27, 1639-1654.	1.5	28
9	BIC and Alternative Bayesian Information Criteria in the Selection of Structural Equation Models. <i>Structural Equation Modeling</i> , 2014, 21, 1-19.	3.8	160
10	Statistical Monitoring of Clinical Trials With Multiple Co-Primary Endpoints Using Multivariate B-value. <i>Statistics in Biopharmaceutical Research</i> , 2014, 6, 241-250.	0.8	10
11	Kernels, Degrees of Freedom, and Power Properties of Quadratic Distance Goodness-of-Fit Tests. <i>Journal of the American Statistical Association</i> , 2014, 109, 395-410.	3.1	16
12	On the Number of Modes of Finite Mixtures of Elliptical Distributions. <i>Studies in Classification, Data Analysis, and Knowledge Organization</i> , 2013, , 49-57.	0.2	2
13	Sequence Pattern Discovery with Applications to Understanding Gene Regulation and Vaccine Design. <i>Handbook of Statistics</i> , 2012, , 273-307.	0.6	1
14	Functional factor analysis for periodic remote sensing data. <i>Annals of Applied Statistics</i> , 2012, 6, .	1.1	14
15	A Comparison of Bayes Factor Approximation Methods Including Two New Methods. <i>Sociological Methods and Research</i> , 2012, 41, 294-324.	6.8	21
16	On the upper bound of the number of modes of a multivariate normal mixture. <i>Journal of Multivariate Analysis</i> , 2012, 108, 41-52.	1.0	13
17	A Computational Framework to Emulate the Human Perspective in Flow Cytometric Data Analysis. <i>PLoS ONE</i> , 2012, 7, e35693.	2.5	16
18	Top scoring pairs for feature selection in machine learning and applications to cancer outcome prediction. <i>BMC Bioinformatics</i> , 2011, 12, 375.	2.6	48

#	ARTICLE	IF	CITATIONS
19	Data Processing and Analysis for Protein Microarrays. <i>Methods in Molecular Biology</i> , 2011, 723, 337-347.	0.9	14
20	Model Selection in High Dimensions: A Quadratic-Risk-Based Approach. <i>Journal of the Royal Statistical Society Series B: Statistical Methodology</i> , 2008, 70, 95-118.	2.2	31
21	The performance of heteroskedasticity and autocorrelation robust tests: a Monte Carlo study with an application to the three-factor Fama-French asset pricing model. <i>Journal of Applied Econometrics</i> , 2008, 23, 91-109.	2.3	16
22	Evaluation of MHC class I peptide binding prediction servers: Applications for vaccine research. <i>BMC Immunology</i> , 2008, 9, 8.	2.2	207
23	Quadratic distances on probabilities: A unified foundation. <i>Annals of Statistics</i> , 2008, 36, .	2.6	32
24	Signaling local non-credibility in an automatic segmentation pipeline. , 2007, , .		3
25	Amino acid biophysical properties in the statistical prediction of peptide-MHC class I binding. <i>Immunome Research</i> , 2007, 3, 9.	0.1	9
26	The topography of multivariate normal mixtures. <i>Annals of Statistics</i> , 2005, 33, 2042.	2.6	130
27	Improved power in multinomial goodness-of-fit tests. <i>Journal of the Royal Statistical Society: Series D (the Statistician)</i> , 2002, 51, 381-393.	0.2	7