Abhijit Dasgupta

List of Publications by Year
in descending order

79 papers	4,531 citations

117625

34 h-index	

106344

65 g-index	

81 all docs	81 docs citations	81 times ranked	6986 citing authors

#	Article	IF	Citations
1	Gene Expression Signature of Cigarette Smoking and Its Role in Lung Adenocarcinoma Development and Survival. PLoS ONE, 2008, 3, e1651.	2.5	563
2	Risk of End‐Stage Renal Disease in Patients With Lupus Nephritis, 1971–2015: A Systematic Review and Bayesian Meta‐Analysis. Arthritis and Rheumatology, 2016, 68, 1432-1441.	5.6	352
3	An Absence of Stromal Caveolin-1 Expression Predicts Early Tumor Recurrence and Poor Clinical Outcome in Human Breast Cancers. American Journal of Pathology, 2009, 174, 2023-2034.	3.8	307
4	Using the "reverse Warburg effect" to identify high-risk breast cancer patients. Cell Cycle, 2012, 11, 1108-1117.	2.6	224
5	Probability Machines. Methods of Information in Medicine, 2012, 51, 74-81.	1.2	176
6	Stable Myocardial-Specific AAV6-S100A1 Gene Therapy Results in Chronic Functional Heart Failure Rescue. Circulation, 2007, 115, 2506-2515.	1.6	165
7	The Role of HuR in Gemcitabine Efficacy in Pancreatic Cancer: HuR Up-regulates the Expression of the Gemcitabine Metabolizing Enzyme Deoxycytidine Kinase. Cancer Research, 2009, 69, 4567-4572.	0.9	155
8	Survival in adults and children with systemic lupus erythematosus: a systematic review and Bayesian meta-analysis of studies from 1950 to 2016. Annals of the Rheumatic Diseases, 2017, 76, 2009-2016.	0.9	155
9	Comparative validation of the *D. melanogaster* modENCODE transcriptome annotation. Genome Research, 2014, 24, 1209-1223.	5.5	147
10	Burden of Serious Infections in Adults With Systemic Lupus Erythematosus: A National Population‐Based Study, 1996–2011. Arthritis Care and Research, 2015, 67, 1078-1085.	3.4	138
11	Stromal caveolin-1 levels predict early DCIS progression to invasive breast cancer. Cancer Biology and Therapy, 2009, 8, 1071-1079.	3.4	125
12	Loss of stromal caveolin-1 expression predicts poor clinical outcome in triple negative and basal-like breast cancers. Cancer Biology and Therapy, 2010, 10, 135-143.	3.4	118
13	Stat5 promotes metastatic behavior of human prostate cancer cells in vitro and in vivo. Endocrine-Related Cancer, 2010, 17, 481-493.	3.1	109
14	The Hormone Receptor GUCY2C Suppresses Intestinal Tumor Formation by Inhibiting AKT Signaling. Gastroenterology, 2010, 138, 241-254.	1.3	102
15	BROAD-SPECTRUM GROUP TREATMENT FOR PARENTS BEREAVED BY THE VIOLENT DEATHS OF THEIR 12-TO 28-YEAR-OLD CHILDREN: A RANDOMIZED CONTROLLED TRIAL. Death Studies, 1998, 22, 209-235.	2.7	99
16	Propensity‐adjusted association of methotrexate with overall survival in rheumatoid arthritis. Arthritis and Rheumatism, 2013, 65, 334-342.	6.7	97
17	Trend Toward High-Volume Hospitals and the Influence on Complications in Knee and Hip Arthroplasty. Journal of Bone and Joint Surgery - Series A, 2016, 98, 707-712.	3.0	94
18	Brief review of regression‐based and machine learning methods in genetic epidemiology: the Genetic Analysis Workshop 17 experience. Genetic Epidemiology, 2011, 35, S5-11.	1.3	93

#	ARTICLE	IF	CITATIONS
19	The Bethesda interobserver reproducibility study (BIRST). Cancer, 2007, 111, 15-25.	4.1	72
20	Transcription Factor Stat3 Stimulates Metastatic Behavior of Human Prostate Cancer Cells in Vivo, whereas Stat5b Has a Preferential Role in the Promotion of Prostate Cancer Cell Viability and Tumor Growth. American Journal of Pathology, 2010, 176, 1959-1972.	3.8	71
21	A Comparison of a Prototype PCR Assay and Hybrid Capture 2 for Detection of Carcinogenic Human Papillomavirus DNA in Women With Equivocal or Mildly Abnormal Papanicolaou Smears. American Journal of Clinical Pathology, 2005, 124, 722-732.	0.7	68
22	Co-expression of fatty acid synthase and caveolin-1 in pancreatic ductal adenocarcinoma: Implications for tumor progression and clinical outcome. Cell Cycle, 2008, 7, 3021-3025.	2.6	65
23	Towards a new â€œstromal-basedâ€•classification system for human breast cancer prognosis and therapy. Cell Cycle, 2009, 8, 1654-1658.	2.6	64
24	Implications of enhancer of zeste homologue 2 expression in pancreatic ductal adenocarcinoma. Human Pathology, 2010, 41, 1205-1209.	2.0	60
25	Detecting Features in Spatial Point Processes with Clutter via Model-Based Clustering. Journal of the American Statistical Association, 1998, 93, 294.	3.1	59
26	r2VIM: A new variable selection method for random forests in genome-wide association studies. BioData Mining, 2016, 9, 7.	4.0	53
27	CHANGES IN PARENTS' MENTAL DISTRESS AFTER THE VIOLENT DEATH OF AN ADOLESCENT OR YOUNG ADULT CHILD: A LONGITUDINAL PROSPECTIVE ANALYSIS. Death Studies, 1999, 23, 129-159.	2.7	52
28	Comparative efficacy of non-steroidal anti-inflammatory drugs in ankylosing spondylitis: a Bayesian network meta-analysis of clinical trials. Annals of the Rheumatic Diseases, 2016, 75, 1152-1160.	0.9	50
29	Suicidal ideation among adults with arthritis: Prevalence and subgroups at highest risk. Data from the 2007â€"2008 National Health and Nutrition Examination Survey. Arthritis Care and Research, 2011, 63, 1322-1333.	3.4	44
30	Prednisone Use and Risk of Mortality in Patients With Rheumatoid Arthritis: Moderation by Use of Diseaseâ€•Modifying Antirheumatic Drugs. Arthritis Care and Research, 2016, 68, 706-710.	3.4	44
31	pp32 (ANP32A) Expression Inhibits Pancreatic Cancer Cell Growth and Induces Gemcitabine Resistance by Disrupting HuR Binding to mRNAs. PLoS ONE, 2010, 5, e15455.	2.5	42
32	Quantitative Analysis of Plasma TP53 249Ser-Mutated DNA by Electrospray Ionization Mass Spectrometry. Cancer Epidemiology Biomarkers and Prevention, 2005, 14, 2956-2962.	2.5	40
33	Two Surgeon General's reports on smoking and cancer: a historical investigation of the practice of causal inference. Emerging Themes in Epidemiology, 2006, 3, 1.	2.7	37
34	A Comparison of a Prototype PCR Assay and Hybrid Capture 2 for Detection of Carcinogenic Human Papillomavirus DNA in Women With Equivocal or Mildly Abnormal Papanicolaou Smears. American Journal of Clinical Pathology, 2005, 124, 722-732.	0.7	37
35	Time perspective and medication adherence among individuals with hypertension or diabetes mellitus. Patient Education and Counseling, 2014, 95, 104-110.	2.2	30
36	Clinical, Radiographic, and Audiometric Predictors in Conservative Management of Vestibular Schwannoma. Otology and Neurotology, 2009, 30, 507-514.	1.3	29

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37	Dynamic Changes in Lymphocyte GRK2 Levels in Cardiac Transplant Patients: A Biomarker for Left Ventricular Function. Clinical and Translational Science, 2010, 3, 14-18.	3.1	28
38	Polymorphisms in Adenosine Receptor Genes are Associated with Infarct Size in Patients with Ischemic Cardiomyopathy. Clinical Pharmacology and Therapeutics, 2007, 82, 435-440.	4.7	25
39	Direct and Indirect Determinants of the Patient Global Assessment in Rheumatoid Arthritis: Differences by Level of Disease Activity. Arthritis Care and Research, 2017, 69, 323-329.	3.4	25
40	Distinct Clinical and Pathological Features of Melorheostosis Associated With Somatic <i>MAP2K1</i> Mutations. Journal of Bone and Mineral Research, 2019, 34, 145-156.	2.8	22
41	Catestatin improves insulin sensitivity by attenuating endoplasmic reticulum stress: In vivo and in silico validation. Computational and Structural Biotechnology Journal, 2020, 18, 464-481.	4.1	21
42	Comparative Efficacy of Tumor Necrosis Factor-α Inhibitors in Ankylosing Spondylitis: A Systematic Review and Bayesian Network Metaanalysis. Journal of Rheumatology, 2018, 45, 481-490.	2.0	19
43	Metabolic pathway engineering: Perspectives and applications. Computer Methods and Programs in Biomedicine, 2020, 192, 105436.	4.7	18
44	Value of Intraoperative Examination of Axillary Sentinel Nodes in Carcinoma of the Breast. Journal of the American College of Surgeons, 2008, 207, 758-762.	0.5	17
45	Spatial distribution of syndesmophytes along the vertebral rim in ankylosing spondylitis: preferential involvement of the posterolateral rim. Annals of the Rheumatic Diseases, 2016, 75, 1951-1957.	0.9	17
46	CT analysis of anatomical distribution of melorheostosis challenges the sclerotome hypothesis. Bone, 2018, 117, 31-36.	2.9	17
47	Using Caveolin-1 epithelial immunostaining patterns to stratify human breast cancer patients and to predict the Caveolin-1 (P132L) mutation. Cell Cycle, 2009, 8, 1396-1401.	2.6	15
48	Risk estimation using probability machines. BioData Mining, 2014, 7, 2.	4.0	14
49	The limits of p-values for biological data mining. BioData Mining, 2013, 6, 10.	4.0	13
50	Interhospital variation in mortality among patients with systemic lupus erythematosus and sepsis in the USA. Rheumatology, 2019, 58, 1794-1801.	1.9	12
51	Non-identifiable parametric probability models and reparametrization. Journal of Statistical Planning and Inference, 2007, 137, 3380-3393.	0.6	11
52	Looking for Childhood-Onset Schizophrenia: Diagnostic Algorithms for Classifying Children and Adolescents with Psychosis. Journal of Child and Adolescent Psychopharmacology, 2014, 24, 366-373.	1.3	10
53	Racial/Ethnic Differences in Dialysis Discontinuation and Survival after Hospitalization for Serious Conditions among Patients on Maintenance Dialysis. Journal of the American Society of Nephrology: JASN, 2020, 31, 149-160.	6.1	10
54	Exploring the Altered Dynamics of Mammalian Central Carbon Metabolic Pathway in Cancer Cells: A Classical Control Theoretic Approach. PLoS ONE, 2015, 10, e0137728.	2.5	10

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55	Predicting Probability of Response to Tumor Necrosis Factor Inhibitors for Individual Patients With Ankylosing Spondylitis. JAMA Network Open, 2022, 5, e222312.	5.9	10
56	Functional Limitations Due to Axial and Peripheral Joint Impairments in Patients With Ankylosing Spondylitis: Are Focused Measures More Informative?. Arthritis Care and Research, 2013, 65, 607-614.	3.4	9
57	Computational neuroscience and neuroinformatics: Recent progress and resources. Journal of Biosciences, 2018, 43, 1037-1054.	1.1	8
58	VARIABLE SELECTION METHOD FOR THE IDENTIFICATION OF EPISTATIC MODELS. , 2014, , .		7
59	Lack of effectiveness of CO2 cryotherapy for treatment of CIN. International Journal of Gynecology and Obstetrics, 2004, 87, 44-45.	2.3	6
60	Analyzing epileptogenic brain connectivity networks using clinical EEG data. , 2015, , .		6
61	Aortic-vertebral interaction in ankylosing spondylitis: syndesmophyte development at the juxta-aortic vertebral rim. Annals of the Rheumatic Diseases, 2019, 78, 922-928.	0.9	6
62	Variable selection method for the identification of epistatic models. Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing, 2015, , 195-206.	0.7	6
63	Towards Improved Biomarker Studies of Cervical Neoplasia. Diagnostic Molecular Pathology, 2005, 14, 59-64.	2.1	5
64	MicroRNAs as New Players in the Genomic Galaxy and Disease Puzzles. Clinical and Translational Science, 2008, 1, 50-56.	3.1	4
65	A fuzzy logic controller based approach to model the switching mechanism of the mammalian central carbon metabolic pathway in normal and cancer cells. Molecular BioSystems, 2016, 12, 2490-2505.	2.9	4
66	The Pronounced Impact of Hip Fractures on Psychosocial Well-being. Journal of the American Academy of Orthopaedic Surgeons, The, 2021, 29, e22-e30.	2.5	4
67	Succinate aggravates NAFLD progression to liver cancer on the onset of obesity: An<i>in silico</i>model. Journal of Bioinformatics and Computational Biology, 2018, 16, 1850008.	0.8	3
68	A control theoretic three timescale model for analyzing energy management in mammalian cancer cells. Computational and Structural Biotechnology Journal, 2021, 19, 477-508.	4.1	3
69	Performance of random forests and logic regression methods using mini-exome sequence data. BMC Proceedings, 2011, 5, S104.	1.6	2
70	Reply. Arthritis and Rheumatology, 2017, 69, 1705-1705.	5.6	2
71	Feature Selection and Fuzzy Rule Mining for Epileptic Patients from Clinical EEG Data. Lecture Notes in Computer Science, 2017, , 87-95.	1.3	2
72	Response to: â€˜Heterogeneity, consistency and model fit should be assessed in Bayesian network meta-analysisâ€™ by Wei<i>et al</i>. Annals of the Rheumatic Diseases, 2016, 75, e6-e6.	0.9	1

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73	Origins of Discordant Responses among 3 Rheumatoid Arthritis Improvement Criteria. Journal of Rheumatology, 2018, 45, 745-752.	2.0	1
74	Measuring airflow through the portable high-efficiency air filtration (PHEAF) device to assess reliability of instrument and sample location. Journal of the Air and Waste Management Association, 2019, 69, 734-742.	1.9	1
75	Translating Treatment Effects Between Rheumatoid Arthritis Activity Measures and American College of Rheumatology Responses in Direct Comparison Trials. Arthritis Care and Research, 2019, 71, 1482-1487.	3.4	1
76	Parametric Identifiability and Model-Preserving Constraints. Calcutta Statistical Association Bulletin, 2000, 50, 207-222.	0.3	0
77	G-Protein Coupled Receptor Kinase Expression in Lymphocytes â€" A Novel Biomarker of Left Ventricular Systolic Function in Heart Failure Patients. Journal of Cardiac Failure, 2009, 15, S9.	1.7	0
78	Methodological quality of studies of end-stage renal disease risks in lupus nephritis. Arthritis Research and Therapy, 2014, 16, A47.	3.5	0
79	CS-27â€¦Mortality among patients with systemic lupus erythematosus hospitalized with sepsis varies widely among U.S. hospitals. , 2018, , .		0