

# Abhijit Dasgupta

## List of Publications by Year in descending order

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79  
papers

4,531  
citations

126708

33  
h-index

106150

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.	1.1	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.	2.9	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.	1.9	307
4	Using the “reverse Warburg effect” to identify high-risk breast cancer patients. Cell Cycle, 2012, 11, 1108-1117.	1.3	224
5	Probability Machines. Methods of Information in Medicine, 2012, 51, 74-81.	0.7	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.	0.4	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.	0.5	155
9	Comparative validation of the <i>D. melanogaster</i> modENCODE transcriptome annotation. Genome Research, 2014, 24, 1209-1223.	2.4	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.	1.5	138
11	Stromal caveolin-1 levels predict early DCIS progression to invasive breast cancer. Cancer Biology and Therapy, 2009, 8, 1071-1079.	1.5	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.	1.5	118
13	Stat5 promotes metastatic behavior of human prostate cancer cells in vitro and in vivo. Endocrine-Related Cancer, 2010, 17, 481-493.	1.6	109
14	The Hormone Receptor GUCY2C Suppresses Intestinal Tumor Formation by Inhibiting AKT Signaling. Gastroenterology, 2010, 138, 241-254.	0.6	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.	1.8	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.	1.4	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.	0.6	93

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19	The Bethesda interobserver reproducibility study (BIRST). <i>Cancer</i> , 2006, 111, 15-25.	2.0	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. <i>American Journal of Pathology</i> , 2010, 176, 1959-1972.	1.9	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. <i>American Journal of Clinical Pathology</i> , 2005, 124, 722-732.	0.4	68
22	Co-expression of fatty acid synthase and caveolin-1 in pancreatic ductal adenocarcinoma: Implications for tumor progression and clinical outcome. <i>Cell Cycle</i> , 2008, 7, 3021-3025.	1.3	65
23	Towards a new oestromal-based classification system for human breast cancer prognosis and therapy. <i>Cell Cycle</i> , 2009, 8, 1654-1658.	1.3	64
24	Implications of enhancer of zeste homologue 2 expression in pancreatic ductal adenocarcinoma. <i>Human Pathology</i> , 2010, 41, 1205-1209.	1.1	60
25	Detecting Features in Spatial Point Processes with Clutter via Model-Based Clustering. , 0, .		59
26	r2VIM: A new variable selection method for random forests in genome-wide association studies. <i>BioData Mining</i> , 2016, 9, 7.	2.2	53
27	CHANGES IN PARENTS' MENTAL DISTRESS AFTER THE VIOLENT DEATH OF AN ADOLESCENT OR YOUNG ADULT CHILD: A LONGITUDINAL PROSPECTIVE ANALYSIS. <i>Death Studies</i> , 1999, 23, 129-159.	1.8	52
28	Comparative efficacy of non-steroidal anti-inflammatory drugs in ankylosing spondylitis: a Bayesian network meta-analysis of clinical trials. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1152-1160.	0.5	50
29	Suicidal ideation among adults with arthritis: Prevalence and subgroups at highest risk. Data from the 2007-2008 National Health and Nutrition Examination Survey. <i>Arthritis Care and Research</i> , 2011, 63, 1322-1333.	1.5	44
30	Prednisone Use and Risk of Mortality in Patients With Rheumatoid Arthritis: Moderation by Use of Disease-Modifying Antirheumatic Drugs. <i>Arthritis Care and Research</i> , 2016, 68, 706-710.	1.5	44
31	pp32 (ANP32A) Expression Inhibits Pancreatic Cancer Cell Growth and Induces Gemcitabine Resistance by Disrupting HuR Binding to mRNAs. <i>PLoS ONE</i> , 2010, 5, e15455.	1.1	42
32	Quantitative Analysis of Plasma TP53 249Ser-Mutated DNA by Electrospray Ionization Mass Spectrometry. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005, 14, 2956-2962.	1.1	40
33	Two Surgeon General's reports on smoking and cancer: a historical investigation of the practice of causal inference. <i>Emerging Themes in Epidemiology</i> , 2006, 3, 1.	1.2	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. <i>American Journal of Clinical Pathology</i> , 2005, 124, 722-32.	0.4	37
35	Time perspective and medication adherence among individuals with hypertension or diabetes mellitus. <i>Patient Education and Counseling</i> , 2014, 95, 104-110.	1.0	30
36	Clinical, Radiographic, and Audiometric Predictors in Conservative Management of Vestibular Schwannoma. <i>Otology and Neurotology</i> , 2009, 30, 507-514.	0.7	29

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37	Dynamic Changes in Lymphocyte GRK2 Levels in Cardiac Transplant Patients: A Biomarker for Left Ventricular Function. <i>Clinical and Translational Science</i> , 2010, 3, 14-18.	1.5	28
38	Polymorphisms in Adenosine Receptor Genes are Associated with Infarct Size in Patients with Ischemic Cardiomyopathy. <i>Clinical Pharmacology and Therapeutics</i> , 2007, 82, 435-440.	2.3	25
39	Direct and Indirect Determinants of the Patient Global Assessment in Rheumatoid Arthritis: Differences by Level of Disease Activity. <i>Arthritis Care and Research</i> , 2017, 69, 323-329.	1.5	25
40	Distinct Clinical and Pathological Features of Melorheostosis Associated With Somatic <i>MAP2K1</i> Mutations. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 145-156.	3.1	22
41	Catestatin improves insulin sensitivity by attenuating endoplasmic reticulum stress: In vivo and in silico validation. <i>Computational and Structural Biotechnology Journal</i> , 2020, 18, 464-481.	1.9	21
42	Comparative Efficacy of Tumor Necrosis Factor- $\alpha$ Inhibitors in Ankylosing Spondylitis: A Systematic Review and Bayesian Network Metaanalysis. <i>Journal of Rheumatology</i> , 2018, 45, 481-490.	1.0	19
43	Metabolic pathway engineering: Perspectives and applications. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 192, 105436.	2.6	18
44	Value of Intraoperative Examination of Axillary Sentinel Nodes in Carcinoma of the Breast. <i>Journal of the American College of Surgeons</i> , 2008, 207, 758-762.	0.2	17
45	Spatial distribution of syndesmophytes along the vertebral rim in ankylosing spondylitis: preferential involvement of the posterolateral rim. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, 1951-1957.	0.5	17
46	CT analysis of anatomical distribution of melorheostosis challenges the sclerotome hypothesis. <i>Bone</i> , 2018, 117, 31-36.	1.4	17
47	Using Caveolin-1 epithelial immunostaining patterns to stratify human breast cancer patients and to predict the Caveolin-1 (P132L) mutation. <i>Cell Cycle</i> , 2009, 8, 1396-1401.	1.3	15
48	Risk estimation using probability machines. <i>BioData Mining</i> , 2014, 7, 2.	2.2	14
49	The limits of p-values for biological data mining. <i>BioData Mining</i> , 2013, 6, 10.	2.2	13
50	Interhospital variation in mortality among patients with systemic lupus erythematosus and sepsis in the USA. <i>Rheumatology</i> , 2019, 58, 1794-1801.	0.9	12
51	Non-identifiable parametric probability models and reparametrization. <i>Journal of Statistical Planning and Inference</i> , 2007, 137, 3380-3393.	0.4	11
52	Looking for Childhood-Onset Schizophrenia: Diagnostic Algorithms for Classifying Children and Adolescents with Psychosis. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2014, 24, 366-373.	0.7	10
53	Racial/Ethnic Differences in Dialysis Discontinuation and Survival after Hospitalization for Serious Conditions among Patients on Maintenance Dialysis. <i>Journal of the American Society of Nephrology: JASN</i> , 2020, 31, 149-160.	3.0	10
54	Exploring the Altered Dynamics of Mammalian Central Carbon Metabolic Pathway in Cancer Cells: A Classical Control Theoretic Approach. <i>PLoS ONE</i> , 2015, 10, e0137728.	1.1	10

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55	Predicting Probability of Response to Tumor Necrosis Factor Inhibitors for Individual Patients With Ankylosing Spondylitis. <i>JAMA Network Open</i> , 2022, 5, e222312.	2.8	10
56	Functional Limitations Due to Axial and Peripheral Joint Impairments in Patients With Ankylosing Spondylitis: Are Focused Measures More Informative?. <i>Arthritis Care and Research</i> , 2013, 65, 607-614.	1.5	9
57	Computational neuroscience and neuroinformatics: Recent progress and resources. <i>Journal of Biosciences</i> , 2018, 43, 1037-1054.	0.5	8
58	VARIABLE SELECTION METHOD FOR THE IDENTIFICATION OF EPISTATIC MODELS. , 2014, , .		7
59	Lack of effectiveness of CO2 cryotherapy for treatment of CIN. <i>International Journal of Gynecology and Obstetrics</i> , 2004, 87, 44-45.	1.0	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. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 922-928.	0.5	6
62	Variable selection method for the identification of epistatic models. <i>Pacific Symposium on Biocomputing Pacific Symposium on Biocomputing</i> , 2015, , 195-206.	0.7	6
63	Towards Improved Biomarker Studies of Cervical Neoplasia. <i>Diagnostic Molecular Pathology</i> , 2005, 14, 59-64.	2.1	5
64	MicroRNAs as New Players in the Genomic Galaxy and Disease Puzzles. <i>Clinical and Translational Science</i> , 2008, 1, 50-56.	1.5	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. <i>Molecular BioSystems</i> , 2016, 12, 2490-2505.	2.9	4
66	The Pronounced Impact of Hip Fractures on Psychosocial Well-being. <i>Journal of the American Academy of Orthopaedic Surgeons</i> , The, 2021, 29, e22-e30.	1.1	4
67	Succinate aggravates NAFLD progression to liver cancer on the onset of obesity: An in silico model. <i>Journal of Bioinformatics and Computational Biology</i> , 2018, 16, 1850008.	0.3	3
68	A control theoretic three timescale model for analyzing energy management in mammalian cancer cells. <i>Computational and Structural Biotechnology Journal</i> , 2021, 19, 477-508.	1.9	3
69	Performance of random forests and logic regression methods using mini-exome sequence data. <i>BMC Proceedings</i> , 2011, 5, S104.	1.8	2
70	Reply. <i>Arthritis and Rheumatology</i> , 2017, 69, 1705-1705.	2.9	2
71	Feature Selection and Fuzzy Rule Mining for Epileptic Patients from Clinical EEG Data. <i>Lecture Notes in Computer Science</i> , 2017, , 87-95.	1.0	2
72	Response to: "Heterogeneity, consistency and model fit should be assessed in Bayesian network meta-analysis"™ by Wei et al. <i>Annals of the Rheumatic Diseases</i> , 2016, 75, e6-e6.	0.5	1

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73	Origins of Discordant Responses among 3 Rheumatoid Arthritis Improvement Criteria. Journal of Rheumatology, 2018, 45, 745-752.	1.0	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.	0.9	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.	1.5	1
76	Parametric Identifiability and Model-Preserving Constraints. Calcutta Statistical Association Bulletin, 2000, 50, 207-222.	0.1	0
77	G-Protein Coupled Receptor Kinase Expression in Lymphocytes – A Novel Biomarker of Left Ventricular Systolic Function in Heart Failure Patients. Journal of Cardiac Failure, 2009, 15, S9.	0.7	0
78	Methodological quality of studies of end-stage renal disease risks in lupus nephritis. Arthritis Research and Therapy, 2014, 16, A47.	1.6	0
79	CS-27 – Mortality among patients with systemic lupus erythematosus hospitalized with sepsis varies widely among U.S. hospitals. , 2018, , .		0