Glen A Satten

List of Publications by Year
in descending order

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118 papers	14,797 citations	81900 39 h-index	20358 116 g-index
127 all docs	127 docs citations	127 times ranked	13068 citing authors

#	Article	IF	Citations
1	Integrative analysis of relative abundance data and presenceâ€“absence data of the microbiome using the LDM. Bioinformatics, 2022, 38, 2915-2917.	4.1	7
2	Efficient estimation of indirect effects in caseâ€control studies using a unified likelihood framework. Statistics in Medicine, 2022, 41, 2879-2893.	1.6	2
3	The Effect of Antiretroviral Therapy for the Treatment of Human Immunodeficiency Virus (HIV)-1 in Pregnancy on Gestational Weight Gain. Clinical Infectious Diseases, 2022, 75, 665-672.	5.8	9
4	Associations between microbial communities and key chemical constituents in U.S. domestic moist snuff. PLoS ONE, 2022, 17, e0267104.	2.5	2
5	A rarefaction-without-resampling extension of PERMANOVA for testing presenceâ€“absence associations in the microbiome. Bioinformatics, 2022, 38, 3689-3697.	4.1	6
6	Vaginal Microbiome Composition in Early Pregnancy and Risk of Spontaneous Preterm and Early Term Birth Among African American Women. Frontiers in Cellular and Infection Microbiology, 2021, 11, 641005.	3.9	41
7	A rarefaction-based extension of the LDM for testing presenceâ€“absence associations in the microbiome. Bioinformatics, 2021, 37, 1652-1657.	4.1	18
8	Testing hypotheses about the microbiome using the linear decomposition model (LDM). Bioinformatics, 2020, 36, 4106-4115.	4.1	73
9	Stability of the vaginal, oral, and gut microbiota across pregnancy among African American women: the effect of socioeconomic status and antibiotic exposure. PeerJ, 2019, 7, e8004.	2.0	31
10	Multisample adjusted Uâ€statistics that account for confounding covariates. Statistics in Medicine, 2018, 37, 3357-3372.	1.6	8
11	PhredEM: a phred-score-informed genotype-calling approach for next-generation sequencing studies. Genetic Epidemiology, 2017, 41, 375-387.	1.3	21
12	Changes in vaginal community state types reflect major shifts in the microbiome. Microbial Ecology in Health and Disease, 2017, 28, 1303265.	3.5	66
13	Restoring the Duality between Principal Components of a Distance Matrix and Linear Combinations of Predictors, with Application to Studies of the Microbiome. PLoS ONE, 2017, 12, e0168131.	2.5	12
14	Characterization of Bacterial Communities in Selected Smokeless Tobacco Products Using 16S rDNA Analysis. PLoS ONE, 2016, 11, e0146939.	2.5	55
15	Dysbiosis, inflammation, and response to treatment: a longitudinal study of pediatric subjects with newly diagnosed inflammatory bowel disease. Genome Medicine, 2016, 8, 75.	8.2	211
16	Heavy metals, organic solvents, and multiple sclerosis: An exploratory look at gene-environment interactions. Archives of Environmental and Occupational Health, 2016, 71, 26-34.	1.4	30
17	Testing Rare-Variant Association without Calling Genotypes Allows for Systematic Differences in Sequencing between Cases and Controls. PLoS Genetics, 2016, 12, e1006040.	3.5	26
18	A Statistical Approach for Rare-Variant Association Testing in Affected Sibships. American Journal of Human Genetics, 2015, 96, 543-554.	6.2	21

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19	Impact of the 5As brief counseling on smoking cessation among pregnant clients of Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) clinics in Ohio. Preventive Medicine, 2015, 81, 438-443.	3.4	14
20	Robust Regression Analysis of Copy Number Variation Data based on a Univariate Score. PLoS ONE, 2014, 9, e86272.	2.5	5
21	Populationâ€Based Association and Gene by Environment Interactions in Genetic Analysis Workshop 18. Genetic Epidemiology, 2014, 38, S49-56.	1.3	3
22	Utilizing Population Controls in Rare-Variant Case-Parent Association Tests. American Journal of Human Genetics, 2014, 94, 845-853.	6.2	15
23	Effects of maternal smokeless tobacco use on selected pregnancy outcomes in Alaska Native women: a case-control study. Acta Obstetricia Et Gynecologica Scandinavica, 2013, 92, 648-655.	2.8	15
24	Age-associated DNA methylation in pediatric populations. Genome Research, 2012, 22, 623-632.	5.5	326
25	A Permutation Procedure to Correct for Confounders in Case-Control Studies, Including Tests of Rare Variation. American Journal of Human Genetics, 2012, 91, 215-223.	6.2	62
26	Stratificationâ€Score Matching Improves Correction for Confounding by Population Stratification in Caseâ€Control Association Studies. Genetic Epidemiology, 2012, 36, 195-205.	1.3	21
27	Maternal smokeless tobacco use in Alaska Native women and singleton infant birth size. Acta Obstetricia Et Gynecologica Scandinavica, 2012, 91, 93-103.	2.8	27
28	California Very Preterm Birth Study: design and characteristics of the populationâ€•and biospecimen bankâ€based nested caseâ€“control study. Paediatric and Perinatal Epidemiology, 2012, 26, 250-263.	1.7	15
29	Control for Confounding in Case-Control Studies Using the Stratification Score, a Retrospective Balancing Score. American Journal of Epidemiology, 2011, 173, 752-760.	3.4	21
30	Percentage of Gestational Diabetes Mellitus Attributable to Overweight and Obesity. Obstetrical and Gynecological Survey, 2010, 65, 617-618.	0.4	1
31	Microdeletions of 3q29 Confer High Risk for Schizophrenia. American Journal of Human Genetics, 2010, 87, 229-236.	6.2	215
32	Late Preterm Birth and Risk of Developing Asthma. Journal of Pediatrics, 2010, 157, 74-78.	1.8	52
33	Scoreâ€based adjustment for confounding by population stratification in genetic association studies. Genetic Epidemiology, 2010, 34, 383-385.	1.3	7
34	SNPs in CAST are associated with Parkinson disease: A confirmation study. American Journal of Medical Genetics Part B: Neuropsychiatric Genetics, 2010, 153B, 973-979.	1.7	6
35	Inverse Probability of Censoring Weighted U-statistics for Right-Censored Data with an Application to Testing Hypotheses. Scandinavian Journal of Statistics, 2010, 37, 680-700.	1.4	40
36	Fast and Robust Association Tests for Untyped SNPs in Case-Control Studies. Human Heredity, 2010, 70, 167-176.	0.8	3

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37	Effect of population stratification on the identification of significant single-nucleotide polymorphisms in genome-wide association studies. BMC Proceedings, 2009, 3, S13.	1.6	12
38	Genome-wide association analysis of rheumatoid arthritis data via haplotype sharing. BMC Proceedings, 2009, 3, S30.	1.6	9
39	A novel haplotypeâ€sharing approach for genomeâ€wide caseâ€control association studies implicates the calpastatin gene in Parkinson's disease. Genetic Epidemiology, 2009, 33, 657-667.	1.3	29
40	A Regressionâ€based Association Test for Caseâ€control Studies that Uses Inferred Ancestral Haplotype Similarity. Annals of Human Genetics, 2009, 73, 520-526.	0.8	6
41	Robust estimation and testing of haplotype effects in caseâ€control studies. Genetic Epidemiology, 2008, 32, 29-40.	1.3	8
42	Response to Lee etÂal.. American Journal of Human Genetics, 2008, 82, 526-528.	6.2	6
43	MALDI-TOF mass spectrometry as a tool for differentiation of invasive and noninvasiveStreptococcus pyogenesisolates. FEMS Immunology and Medical Microbiology, 2008, 53, 333-342.	2.7	75
44	A Signedâ€Rank Test for Clustered Data. Biometrics, 2008, 64, 501-507.	1.4	73
45	Statistical Models for Haplotype Sharing in Case-Parent Trio Data. Human Heredity, 2007, 64, 35-44.	0.8	19
46	A Simple and Improved Correction for Population Stratification in Case-Control Studies. American Journal of Human Genetics, 2007, 80, 921-930.	6.2	150
47	Association mapping via a class of haplotype-sharing statistics. BMC Proceedings, 2007, 1, S123.	1.6	4
48	Investigating Childhood Leukemia in Churchill County, Nevada. Environmental Health Perspectives, 2007, 115, 151-157.	6.0	81
49	Genetic Studies of a Cluster of Acute Lymphoblastic Leukemia Cases in Churchill County, Nevada. Environmental Health Perspectives, 2007, 115, 158-164.	6.0	51
50	Inference on haplotype/disease association using parentâ€affectedâ€child data: the projection conditional on parental haplotypes method. Genetic Epidemiology, 2007, 31, 211-223.	1.3	21
51	Improved association analyses of disease subtypes in case-parent triads. Genetic Epidemiology, 2006, 30, 209-219.	1.3	4
52	Robust testing of haplotype/disease association. BMC Genetics, 2005, 6, S69.	2.7	5
53	Locally-efficient robust estimation of haplotype-disease association in family-based studies. Biometrika, 2005, 92, 559-571.	2.4	21
54	Genetic Association Analysis Using Data from Triads and Unrelated Subjects. American Journal of Human Genetics, 2005, 76, 592-608.	6.2	69

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55	Rank-Sum Tests for Clustered Data. Journal of the American Statistical Association, 2005, 100, 908-915.	3.1	158
56	Standardization and denoising algorithms for mass spectra to classify whole-organism bacterial specimens. Bioinformatics, 2004, 20, 3128-3136.	4.1	75
57	How special is a 'special' interval: modeling departure from length-biased sampling in renewal processes. Biostatistics, 2004, 5, 145-151.	1.5	6
58	Comparison of prospective and retrospective methods for haplotype inference in case-control studies. Genetic Epidemiology, 2004, 27, 192-201.	1.3	82
59	Random error and undercounting in birth defects surveillance data: Implications for inference. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 610-616.	1.6	13
60	Bootstrap calibration of TRANSMIT for informative missingness of parental genotype data. BMC Genetics, 2003, 4, S39.	2.7	7
61	Marginal Analyses of Clustered Data When Cluster Size Is Informative. Biometrics, 2003, 59, 36-42.	1.4	187
62	Informative Missingness in Genetic Association Studies: Case-Parent Designs. American Journal of Human Genetics, 2003, 72, 671-680.	6.2	67
63	Inference on Haplotype Effects in Case-Control Studies Using Unphased Genotype Data. American Journal of Human Genetics, 2003, 73, 1316-1329.	6.2	235
64	Inference on Clustered Survival Data Using Imputed Frailties. Journal of Computational and Graphical Statistics, 2003, 12, 640-662.	1.7	1
65	Performance Characteristics of a New Less Sensitive HIV-1 Enzyme Immunoassay for Use in Estimating HIV Seroincidence. Journal of Acquired Immune Deficiency Syndromes (1999), 2003, 33, 625-634.	2.1	142
66	Marginal Analyses of Multistage Data. Handbook of Statistics, 2003, 23, 559-574.	0.6	3
67	HFE genotype and transferrin saturation in the United States. Genetics in Medicine, 2003, 5, 304-310.	2.4	19
68	Estimation of Stage Occupation Probabilities in Multistage Models. , 2003, , 493-505.		0
69	Subtype-specific Transmission Probabilities for Human Immunodeficiency Virus Type 1 among Injecting Drug Users in Bangkok, Thailand. American Journal of Epidemiology, 2002, 155, 159-168.	3.4	87
70	HIV Seroincidence Among Patients at Clinics for Sexually Transmitted Diseases in Nine Cities in the United States. Journal of Acquired Immune Deficiency Syndromes (1999), 2002, 29, 478-483.	2.1	37
71	Midrank unification of rank tests for exact, tied, and censored data. Journal of Nonparametric Statistics, 2002, 14, 569-581.	0.9	11
72	HIV seroconverting donors delay their return: screening test implications. Transfusion, 2002, 42, 414-421.	1.6	24

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73	Marginal estimation for multi-stage models: waiting time distributions and competing risks analyses. Statistics in Medicine, 2002, 21, 3-19.	1.6	30
74	Estimation of Integrated Transition Hazards and Stage Occupation Probabilities for Non-Markov Systems Under Dependent Censoring. Biometrics, 2002, 58, 792-802.	1.4	63
75	Marginal estimation for multi-stage models: waiting time distributions and competing risks analyses. Statistics in Medicine, 2002, 21, 3-19.	1.6	6
76	The Kaplanâ€“Meier Estimator as an Inverse-Probability-of-Censoring Weighted Average. American Statistician, 2001, 55, 207-210.	1.6	123
77	Accounting for Unmeasured Population Substructure in Case-Control Studies of Genetic Association Using a Novel Latent-Class Model. American Journal of Human Genetics, 2001, 68, 466-477.	6.2	231
78	Evaluation of a Sensitive/Less-Sensitive Testing Algorithm Using the 3A11-LS Assay for Detecting Recent HIV Seroconversion among Individuals with HIV-1 Subtype B or E Infection in Thailand. AIDS Research and Human Retroviruses, 2001, 17, 453-458.	1.1	57
79	Estimating the marginal survival function in the presence of time dependent covariates. Statistics and Probability Letters, 2001, 54, 397-403.	0.7	58
80	Validity of the Aalenâ€“Johansen estimators of stage occupation probabilities and Nelsonâ€“Aalen estimators of integrated transition hazards for non-Markov models. Statistics and Probability Letters, 2001, 55, 403-411.	0.7	134
81	Nonparametric Maximum Likelihood Estimation for Competing Risks Survival Data Subject to Interval Censoring and Truncation. Biometrics, 2001, 57, 74-80.	1.4	81
82	Analysis of Dynamic Cohort Data. American Journal of Epidemiology, 2001, 154, 366-372.	3.4	17
83	Effect of interventions to control sexually transmitted disease on the incidence of HIV infection in female sex workers. Aids, 2001, 15, 1421-1431.	2.2	104
84	Estimating future stage entry and occupation probabilities in a multistage model based on randomly right-censored data. Statistics and Probability Letters, 2000, 50, 89-95.	0.7	20
85	Conditional and Unconditional Categorical Regression Models with Missing Covariates. Biometrics, 2000, 56, 384-388.	1.4	34
86	Nonparametric Estimation for the Three-Stage Irreversible Illness-Death Model. Biometrics, 2000, 56, 841-847.	1.4	27
87	Consistency and Asymptotic Normality of Estimators in a Proportional Hazards Model with Interval Censoring and Left Truncation. Annals of the Institute of Statistical Mathematics, 2000, 52, 160-172.	0.8	11
88	The S-U algorithm for missing data problems. Computational Statistics, 2000, 15, 243-277.	1.5	10
89	Kaplanâ€“Meier representation of competing risk estimates. Statistics and Probability Letters, 1999, 42, 299-304.	0.7	15
90	Fitting Semi-Markov Models to Interval-Censored Data with Unknown Initiation Times. Biometrics, 1999, 55, 507-513.	1.4	32

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91	Discrete-Time Nonparametric Estimation for Semi-Markov Models of Chain-of-Events Data Subject to Interval Censoring and Truncation. Biometrics, 1999, 55, 514-522.	1.4	30
92	Validating Marker-Based Incidence Estimates in Repeatedly Screened Populations. Biometrics, 1999, 55, 1224-1227.	1.4	13
93	Estimating the Extent of Tracking in Interval-Censored Chain-Of-Events Data. Biometrics, 1999, 55, 1228-1231.	1.4	27
94	Hold everything! Holding policies for protecting plasma supplies. Mathematical Biosciences, 1999, 160, 159-173.	1.9	2
95	Inference Based on Imputed Failure Times for the Proportional Hazards Model with Interval-Censored Data. Journal of the American Statistical Association, 1998, 93, 318-327.	3.1	57
96	Declining Morbidity and Mortality among Patients with Advanced Human Immunodeficiency Virus Infection. New England Journal of Medicine, 1998, 338, 853-860.	27.0	8,991
97	The incubation period to AIDS in injecting drug users estimated from prevalent cohort data, accounting for death prior to an AIDS diagnosis. Aids, 1998, 12, 1537-1544.	2.2	36
98	Inference Based on Imputed Failure Times for the Proportional Hazards Model with Interval-Censored Data. Journal of the American Statistical Association, 1998, 93, 318.	3.1	12
99	Time course of viremia and antibody seroconversion following human immunodeficiency virus exposure. American Journal of Medicine, 1997, 102, 117-124.	1.5	202
100	Steady-state calculation of the risk of HIV infection from transfusion of screened blood from repeat donors. Mathematical Biosciences, 1997, 141, 101-113.	1.9	13
101	Late postnatal mother-to-child transmission of HIV-1 in Abidjan, CÃ´te d'Ivoire. Lancet, The, 1997, 349, 1054-1059.	13.7	158
102	Use of immunological markers and continuous-time Markov models to estimate progression of HIV infection in homosexual men. Aids, 1996, 10, 649-656.	2.2	33
103	Markov Chains With Measurement Error: Estimating the `True' Course of a Marker of the Progression of Human Immunodeficiency Virus Disease. Journal of the Royal Statistical Society Series C: Applied Statistics, 1996, 45, 275.	1.0	98
104	Upper and Lower Bound Distributions That Give Simultaneous Confidence Intervals for Quantiles. Journal of the American Statistical Association, 1995, 90, 747-752.	3.1	12
105	Estimated Risk of Transmission of the Human Immunodeficiency Virus by Screened Blood in the United States. New England Journal of Medicine, 1995, 333, 1721-1725.	27.0	334
106	Upper and Lower Bound Distributions that Give Simultaneous Confidence Intervals for Quantiles. Journal of the American Statistical Association, 1995, 90, 747.	3.1	2
107	Modelling the female-to-male per-act HIV transmission probability in an emerging epidemic in Asia. Statistics in Medicine, 1994, 13, 2097-2106.	1.6	39
108	Estimation of Incidence of HIV Infection Using Cross-Sectional Marker Surveys. Biometrics, 1994, 50, 675.	1.4	26

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109	Inferences About Exposure-Disease Associations Using Probability-of- Exposure Information. Journal of the American Statistical Association, 1993, 88, 200.	3.1	41
110	Conditional Regression Analysis of the Exposure-Disease Odds Ratio Using Known Probability-of-Exposure Values. Biometrics, 1993, 49, 429.	1.4	9
111	Inferences About Exposure-Disease Associations Using Probability-of-Exposure Information. Journal of the American Statistical Association, 1993, 88, 200-208.	3.1	61
112	[Backcalculation of HIV Infection Rates]: Comment. Statistical Science, 1993, 8, .	2.8	0
113	HIV Infection among Patients in U.S. Acute Care Hospitals. New England Journal of Medicine, 1992, 327, 445-452.	27.0	110
114	SAMPLE SIZE REQUIREMENTS FOR INTERVAL ESTIMATION OF THIS ODDS RATIO. American Journal of Epidemiology, 1990, 131, 177-184.	3.4	19
115	Sample size determination for pair-matched case-control studies where the goal is interval estimation of the odds ratio. Journal of Clinical Epidemiology, 1990, 43, 55-59.	5.0	19
116	Critical phenomena in randomly stirred fluids: Correlation functions, equation of motion, and crossover behavior. Physical Review A, 1986, 33, 3415-3432.	2.5	24
117	Fluctuations in finite systems: Time reversal symmetry, surface onsager reciprocal relations and fluctuating hydrodynamics. Physica A: Statistical Mechanics and Its Applications, 1984, 125, 281-301.	2.6	7
118	Modification of nonequilibrium fluctuations by interaction with surfaces. Physical Review A, 1982, 26, 940-949.	2.5	46