

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	Declining Morbidity and Mortality among Patients with Advanced Human Immunodeficiency Virus Infection. <i>New England Journal of Medicine</i> , 1998, 338, 853-860.	27.0	8,991
2	Estimated Risk of Transmission of the Human Immunodeficiency Virus by Screened Blood in the United States. <i>New England Journal of Medicine</i> , 1995, 333, 1721-1725.	27.0	334
3	Age-associated DNA methylation in pediatric populations. <i>Genome Research</i> , 2012, 22, 623-632.	5.5	326
4	Inference on Haplotype Effects in Case-Control Studies Using Unphased Genotype Data. <i>American Journal of Human Genetics</i> , 2003, 73, 1316-1329.	6.2	235
5	Accounting for Unmeasured Population Substructure in Case-Control Studies of Genetic Association Using a Novel Latent-Class Model. <i>American Journal of Human Genetics</i> , 2001, 68, 466-477.	6.2	231
6	Microdeletions of 3q29 Confer High Risk for Schizophrenia. <i>American Journal of Human Genetics</i> , 2010, 87, 229-236.	6.2	215
7	Dysbiosis, inflammation, and response to treatment: a longitudinal study of pediatric subjects with newly diagnosed inflammatory bowel disease. <i>Genome Medicine</i> , 2016, 8, 75.	8.2	211
8	Time course of viremia and antibody seroconversion following human immunodeficiency virus exposure. <i>American Journal of Medicine</i> , 1997, 102, 117-124.	1.5	202
9	Marginal Analyses of Clustered Data When Cluster Size Is Informative. <i>Biometrics</i> , 2003, 59, 36-42.	1.4	187
10	Late postnatal mother-to-child transmission of HIV-1 in Abidjan, CÔte d'Ivoire. <i>Lancet</i> , The, 1997, 349, 1054-1059.	13.7	158
11	Rank-Sum Tests for Clustered Data. <i>Journal of the American Statistical Association</i> , 2005, 100, 908-915.	3.1	158
12	A Simple and Improved Correction for Population Stratification in Case-Control Studies. <i>American Journal of Human Genetics</i> , 2007, 80, 921-930.	6.2	150
13	Performance Characteristics of a New Less Sensitive HIV-1 Enzyme Immunoassay for Use in Estimating HIV Seroincidence. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2003, 33, 625-634.	2.1	142
14	Validity of the Aalen-Johansen estimators of stage occupation probabilities and Nelson-Aalen estimators of integrated transition hazards for non-Markov models. <i>Statistics and Probability Letters</i> , 2001, 55, 403-411.	0.7	134
15	The Kaplan-Meier Estimator as an Inverse-Probability-of-Censoring Weighted Average. <i>American Statistician</i> , 2001, 55, 207-210.	1.6	123
16	HIV Infection among Patients in U.S. Acute Care Hospitals. <i>New England Journal of Medicine</i> , 1992, 327, 445-452.	27.0	110
17	Effect of interventions to control sexually transmitted disease on the incidence of HIV infection in female sex workers. <i>Aids</i> , 2001, 15, 1421-1431.	2.2	104
18	Markov Chains With Measurement Error: Estimating the 'True' Course of a Marker of the Progression of Human Immunodeficiency Virus Disease. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 1996, 45, 275.	1.0	98

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19	Subtype-specific Transmission Probabilities for Human Immunodeficiency Virus Type 1 among Injecting Drug Users in Bangkok, Thailand. <i>American Journal of Epidemiology</i> , 2002, 155, 159-168.	3.4	87
20	Comparison of prospective and retrospective methods for haplotype inference in case-control studies. <i>Genetic Epidemiology</i> , 2004, 27, 192-201.	1.3	82
21	Nonparametric Maximum Likelihood Estimation for Competing Risks Survival Data Subject to Interval Censoring and Truncation. <i>Biometrics</i> , 2001, 57, 74-80.	1.4	81
22	Investigating Childhood Leukemia in Churchill County, Nevada. <i>Environmental Health Perspectives</i> , 2007, 115, 151-157.	6.0	81
23	Standardization and denoising algorithms for mass spectra to classify whole-organism bacterial specimens. <i>Bioinformatics</i> , 2004, 20, 3128-3136.	4.1	75
24	MALDI-TOF mass spectrometry as a tool for differentiation of invasive and noninvasive <i>Streptococcus pyogenes</i> isolates. <i>FEMS Immunology and Medical Microbiology</i> , 2008, 53, 333-342.	2.7	75
25	A Signed Rank Test for Clustered Data. <i>Biometrics</i> , 2008, 64, 501-507.	1.4	73
26	Testing hypotheses about the microbiome using the linear decomposition model (LDM). <i>Bioinformatics</i> , 2020, 36, 4106-4115.	4.1	73
27	Genetic Association Analysis Using Data from Triads and Unrelated Subjects. <i>American Journal of Human Genetics</i> , 2005, 76, 592-608.	6.2	69
28	Informative Missingness in Genetic Association Studies: Case-Parent Designs. <i>American Journal of Human Genetics</i> , 2003, 72, 671-680.	6.2	67
29	Changes in vaginal community state types reflect major shifts in the microbiome. <i>Microbial Ecology in Health and Disease</i> , 2017, 28, 1303265.	3.5	66
30	Estimation of Integrated Transition Hazards and Stage Occupation Probabilities for Non-Markov Systems Under Dependent Censoring. <i>Biometrics</i> , 2002, 58, 792-802.	1.4	63
31	A Permutation Procedure to Correct for Confounders in Case-Control Studies, Including Tests of Rare Variation. <i>American Journal of Human Genetics</i> , 2012, 91, 215-223.	6.2	62
32	Inferences About Exposure-Disease Associations Using Probability-of-Exposure Information. <i>Journal of the American Statistical Association</i> , 1993, 88, 200-208.	3.1	61
33	Estimating the marginal survival function in the presence of time dependent covariates. <i>Statistics and Probability Letters</i> , 2001, 54, 397-403.	0.7	58
34	Inference Based on Imputed Failure Times for the Proportional Hazards Model with Interval-Censored Data. <i>Journal of the American Statistical Association</i> , 1998, 93, 318-327.	3.1	57
35	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. <i>AIDS Research and Human Retroviruses</i> , 2001, 17, 453-458.	1.1	57
36	Characterization of Bacterial Communities in Selected Smokeless Tobacco Products Using 16S rDNA Analysis. <i>PLoS ONE</i> , 2016, 11, e0146939.	2.5	55

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37	Late Preterm Birth and Risk of Developing Asthma. <i>Journal of Pediatrics</i> , 2010, 157, 74-78.	1.8	52
38	Genetic Studies of a Cluster of Acute Lymphoblastic Leukemia Cases in Churchill County, Nevada. <i>Environmental Health Perspectives</i> , 2007, 115, 158-164.	6.0	51
39	Modification of nonequilibrium fluctuations by interaction with surfaces. <i>Physical Review A</i> , 1982, 26, 940-949.	2.5	46
40	Inferences About Exposure-Disease Associations Using Probability-of- Exposure Information. <i>Journal of the American Statistical Association</i> , 1993, 88, 200.	3.1	41
41	Vaginal Microbiome Composition in Early Pregnancy and Risk of Spontaneous Preterm and Early Term Birth Among African American Women. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 641005.	3.9	41
42	Inverse Probability of Censoring Weighted U-statistics for Right-Censored Data with an Application to Testing Hypotheses. <i>Scandinavian Journal of Statistics</i> , 2010, 37, 680-700.	1.4	40
43	Modelling the female-to-male per-act HIV transmission probability in an emerging epidemic in Asia. <i>Statistics in Medicine</i> , 1994, 13, 2097-2106.	1.6	39
44	HIV Seroincidence Among Patients at Clinics for Sexually Transmitted Diseases in Nine Cities in the United States. <i>Journal of Acquired Immune Deficiency Syndromes</i> (1999), 2002, 29, 478-483.	2.1	37
45	The incubation period to AIDS in injecting drug users estimated from prevalent cohort data, accounting for death prior to an AIDS diagnosis. <i>Aids</i> , 1998, 12, 1537-1544.	2.2	36
46	Conditional and Unconditional Categorical Regression Models with Missing Covariates. <i>Biometrics</i> , 2000, 56, 384-388.	1.4	34
47	Use of immunological markers and continuous-time Markov models to estimate progression of HIV infection in homosexual men. <i>Aids</i> , 1996, 10, 649-656.	2.2	33
48	Fitting Semi-Markov Models to Interval-Censored Data with Unknown Initiation Times. <i>Biometrics</i> , 1999, 55, 507-513.	1.4	32
49	Stability of the vaginal, oral, and gut microbiota across pregnancy among African American women: the effect of socioeconomic status and antibiotic exposure. <i>PeerJ</i> , 2019, 7, e8004.	2.0	31
50	Discrete-Time Nonparametric Estimation for Semi-Markov Models of Chain-of-Events Data Subject to Interval Censoring and Truncation. <i>Biometrics</i> , 1999, 55, 514-522.	1.4	30
51	Marginal estimation for multi-stage models: waiting time distributions and competing risks analyses. <i>Statistics in Medicine</i> , 2002, 21, 3-19.	1.6	30
52	Heavy metals, organic solvents, and multiple sclerosis: An exploratory look at gene-environment interactions. <i>Archives of Environmental and Occupational Health</i> , 2016, 71, 26-34.	1.4	30
53	A novel haplotype-sharing approach for genome-wide case-control association studies implicates the calpastatin gene in Parkinson's disease. <i>Genetic Epidemiology</i> , 2009, 33, 657-667.	1.3	29
54	Estimating the Extent of Tracking in Interval-Censored Chain-Of-Events Data. <i>Biometrics</i> , 1999, 55, 1228-1231.	1.4	27

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55	Nonparametric Estimation for the Three-Stage Irreversible Illness-Death Model. <i>Biometrics</i> , 2000, 56, 841-847.	1.4	27
56	Maternal smokeless tobacco use in Alaska Native women and singleton infant birth size. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2012, 91, 93-103.	2.8	27
57	Estimation of Incidence of HIV Infection Using Cross-Sectional Marker Surveys. <i>Biometrics</i> , 1994, 50, 675.	1.4	26
58	Testing Rare-Variant Association without Calling Genotypes Allows for Systematic Differences in Sequencing between Cases and Controls. <i>PLoS Genetics</i> , 2016, 12, e1006040.	3.5	26
59	Critical phenomena in randomly stirred fluids: Correlation functions, equation of motion, and crossover behavior. <i>Physical Review A</i> , 1986, 33, 3415-3432.	2.5	24
60	HIV seroconverting donors delay their return: screening test implications. <i>Transfusion</i> , 2002, 42, 414-421.	1.6	24
61	Locally-efficient robust estimation of haplotype-disease association in family-based studies. <i>Biometrika</i> , 2005, 92, 559-571.	2.4	21
62	Inference on haplotype/disease association using parent-affected-child data: the projection conditional on parental haplotypes method. <i>Genetic Epidemiology</i> , 2007, 31, 211-223.	1.3	21
63	Control for Confounding in Case-Control Studies Using the Stratification Score, a Retrospective Balancing Score. <i>American Journal of Epidemiology</i> , 2011, 173, 752-760.	3.4	21
64	Stratification Score Matching Improves Correction for Confounding by Population Stratification in Case-Control Association Studies. <i>Genetic Epidemiology</i> , 2012, 36, 195-205.	1.3	21
65	A Statistical Approach for Rare-Variant Association Testing in Affected Sibships. <i>American Journal of Human Genetics</i> , 2015, 96, 543-554.	6.2	21
66	PhredEM: a phred-score-informed genotype-calling approach for next-generation sequencing studies. <i>Genetic Epidemiology</i> , 2017, 41, 375-387.	1.3	21
67	Estimating future stage entry and occupation probabilities in a multistage model based on randomly right-censored data. <i>Statistics and Probability Letters</i> , 2000, 50, 89-95.	0.7	20
68	SAMPLE SIZE REQUIREMENTS FOR INTERVAL ESTIMATION OF THIS ODDS RATIO. <i>American Journal of Epidemiology</i> , 1990, 131, 177-184.	3.4	19
69	Sample size determination for pair-matched case-control studies where the goal is interval estimation of the odds ratio. <i>Journal of Clinical Epidemiology</i> , 1990, 43, 55-59.	5.0	19
70	HFE genotype and transferrin saturation in the United States. <i>Genetics in Medicine</i> , 2003, 5, 304-310.	2.4	19
71	Statistical Models for Haplotype Sharing in Case-Parent Trio Data. <i>Human Heredity</i> , 2007, 64, 35-44.	0.8	19
72	A rarefaction-based extension of the LDM for testing presence-absence associations in the microbiome. <i>Bioinformatics</i> , 2021, 37, 1652-1657.	4.1	18

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73	Analysis of Dynamic Cohort Data. <i>American Journal of Epidemiology</i> , 2001, 154, 366-372.	3.4	17
74	Kaplanâ€œMeier representation of competing risk estimates. <i>Statistics and Probability Letters</i> , 1999, 42, 299-304.	0.7	15
75	California Very Preterm Birth Study: design and characteristics of the populationâ€œand biospecimen bankâ€œbased nested caseâ€œcontrol study. <i>Paediatric and Perinatal Epidemiology</i> , 2012, 26, 250-263.	1.7	15
76	Effects of maternal smokeless tobacco use on selected pregnancy outcomes in Alaska Native women: a case-control study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2013, 92, 648-655.	2.8	15
77	Utilizing Population Controls in Rare-Variant Case-Parent Association Tests. <i>American Journal of Human Genetics</i> , 2014, 94, 845-853.	6.2	15
78	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. <i>Preventive Medicine</i> , 2015, 81, 438-443.	3.4	14
79	Steady-state calculation of the risk of HIV infection from transfusion of screened blood from repeat donors. <i>Mathematical Biosciences</i> , 1997, 141, 101-113.	1.9	13
80	Validating Marker-Based Incidence Estimates in Repeatedly Screened Populations. <i>Biometrics</i> , 1999, 55, 1224-1227.	1.4	13
81	Random error and undercounting in birth defects surveillance data: Implications for inference. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2003, 67, 610-616.	1.6	13
82	Upper and Lower Bound Distributions That Give Simultaneous Confidence Intervals for Quantiles. <i>Journal of the American Statistical Association</i> , 1995, 90, 747-752.	3.1	12
83	Effect of population stratification on the identification of significant single-nucleotide polymorphisms in genome-wide association studies. <i>BMC Proceedings</i> , 2009, 3, S13.	1.6	12
84	Restoring the Duality between Principal Components of a Distance Matrix and Linear Combinations of Predictors, with Application to Studies of the Microbiome. <i>PLoS ONE</i> , 2017, 12, e0168131.	2.5	12
85	Inference Based on Imputed Failure Times for the Proportional Hazards Model with Interval-Censored Data. <i>Journal of the American Statistical Association</i> , 1998, 93, 318.	3.1	12
86	Consistency and Asymptotic Normality of Estimators in a Proportional Hazards Model with Interval Censoring and Left Truncation. <i>Annals of the Institute of Statistical Mathematics</i> , 2000, 52, 160-172.	0.8	11
87	Midrank unification of rank tests for exact, tied, and censored data. <i>Journal of Nonparametric Statistics</i> , 2002, 14, 569-581.	0.9	11
88	The S-U algorithm for missing data problems. <i>Computational Statistics</i> , 2000, 15, 243-277.	1.5	10
89	Conditional Regression Analysis of the Exposure-Disease Odds Ratio Using Known Probability-of-Exposure Values. <i>Biometrics</i> , 1993, 49, 429.	1.4	9
90	Genome-wide association analysis of rheumatoid arthritis data via haplotype sharing. <i>BMC Proceedings</i> , 2009, 3, S30.	1.6	9

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91	The Effect of Antiretroviral Therapy for the Treatment of Human Immunodeficiency Virus (HIV)-1 in Pregnancy on Gestational Weight Gain. <i>Clinical Infectious Diseases</i> , 2022, 75, 665-672.	5.8	9
92	Robust estimation and testing of haplotype effects in case-control studies. <i>Genetic Epidemiology</i> , 2008, 32, 29-40.	1.3	8
93	Multisample adjusted U-statistics that account for confounding covariates. <i>Statistics in Medicine</i> , 2018, 37, 3357-3372.	1.6	8
94	Fluctuations in finite systems: Time reversal symmetry, surface Onsager reciprocal relations and fluctuating hydrodynamics. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1984, 125, 281-301.	2.6	7
95	Bootstrap calibration of TRANSMIT for informative missingness of parental genotype data. <i>BMC Genetics</i> , 2003, 4, S39.	2.7	7
96	Score-based adjustment for confounding by population stratification in genetic association studies. <i>Genetic Epidemiology</i> , 2010, 34, 383-385.	1.3	7
97	Integrative analysis of relative abundance data and presence-absence data of the microbiome using the LDM. <i>Bioinformatics</i> , 2022, 38, 2915-2917.	4.1	7
98	How special is a 'special' interval: modeling departure from length-biased sampling in renewal processes. <i>Biostatistics</i> , 2004, 5, 145-151.	1.5	6
99	Response to Lee et al.. <i>American Journal of Human Genetics</i> , 2008, 82, 526-528.	6.2	6
100	A Regression-based Association Test for Case-control Studies that Uses Inferred Ancestral Haplotype Similarity. <i>Annals of Human Genetics</i> , 2009, 73, 520-526.	0.8	6
101	SNPs in CAST are associated with Parkinson disease: A confirmation study. <i>American Journal of Medical Genetics Part B: Neuropsychiatric Genetics</i> , 2010, 153B, 973-979.	1.7	6
102	Marginal estimation for multi-stage models: waiting time distributions and competing risks analyses. <i>Statistics in Medicine</i> , 2002, 21, 3-19.	1.6	6
103	A rarefaction-without-resampling extension of PERMANOVA for testing presence-absence associations in the microbiome. <i>Bioinformatics</i> , 2022, 38, 3689-3697.	4.1	6
104	Robust testing of haplotype/disease association. <i>BMC Genetics</i> , 2005, 6, S69.	2.7	5
105	Robust Regression Analysis of Copy Number Variation Data based on a Univariate Score. <i>PLoS ONE</i> , 2014, 9, e86272.	2.5	5
106	Improved association analyses of disease subtypes in case-parent triads. <i>Genetic Epidemiology</i> , 2006, 30, 209-219.	1.3	4
107	Association mapping via a class of haplotype-sharing statistics. <i>BMC Proceedings</i> , 2007, 1, S123.	1.6	4
108	Marginal Analyses of Multistage Data. <i>Handbook of Statistics</i> , 2003, 23, 559-574.	0.6	3

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109	Fast and Robust Association Tests for Untyped SNPs in Case-Control Studies. <i>Human Heredity</i> , 2010, 70, 167-176.	0.8	3
110	Population-Based Association and Gene by Environment Interactions in Genetic Analysis Workshop 18. <i>Genetic Epidemiology</i> , 2014, 38, S49-56.	1.3	3
111	Hold everything! Holding policies for protecting plasma supplies. <i>Mathematical Biosciences</i> , 1999, 160, 159-173.	1.9	2
112	Upper and Lower Bound Distributions that Give Simultaneous Confidence Intervals for Quantiles. <i>Journal of the American Statistical Association</i> , 1995, 90, 747.	3.1	2
113	Efficient estimation of indirect effects in case-control studies using a unified likelihood framework. <i>Statistics in Medicine</i> , 2022, 41, 2879-2893.	1.6	2
114	Associations between microbial communities and key chemical constituents in U.S. domestic moist snuff. <i>PLoS ONE</i> , 2022, 17, e0267104.	2.5	2
115	Inference on Clustered Survival Data Using Imputed Frailties. <i>Journal of Computational and Graphical Statistics</i> , 2003, 12, 640-662.	1.7	1
116	Percentage of Gestational Diabetes Mellitus Attributable to Overweight and Obesity. <i>Obstetrical and Gynecological Survey</i> , 2010, 65, 617-618.	0.4	1
117	Estimation of Stage Occupation Probabilities in Multistage Models. , 2003, , 493-505.		0
118	[Backcalculation of HIV Infection Rates]: Comment. <i>Statistical Science</i> , 1993, 8, .	2.8	0