Tim Swartz

List of Publications by Citations

56	420	14	18
papers	citations	h-index	g-index
62	563	2.1	4.12
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
56	The fundamental association between mental health and life satisfaction: results from successive waves of a Canadian national survey. *BMC Public Health*, **2018**, 18, 342	4.1	63
55	Statistical analyses for round robin interaction data. *Canadian Journal of Statistics*, **2001**, 29, 321-331	0.4	34
54	Bayesian identifiability and misclassification in multinomial data. *Canadian Journal of Statistics*, **2004**, 32, 285-302	0.4	28
53	Locally Sparse Estimator for Functional Linear Regression Models. *Journal of Computational and Graphical Statistics*, **2017**, 26, 306-318	1.4	21
52	Modelling and simulation for one-day cricket. *Canadian Journal of Statistics*, **2009**, 37, 143-160	0.4	20
51	Normal and pathological dynamics of platelets in humans. *Journal of Mathematical Biology*, **2017**, 75, 1411-1462	2	19
50	A Simulator for Twenty20 Cricket. *Australian and New Zealand Journal of Statistics*, **2015**, 57, 55-71	0.7	18
49	Strategies for Pulling the Goalie in Hockey. *American Statistician*, **2010**, 64, 197-204	5	17
48	Interpretable functional principal component analysis. *Biometrics*, **2016**, 72, 846-54	1.8	16
47	Optimally and computations for relative surprise inferences. *Canadian Journal of Statistics*, **2006**, 34, 113-129	0.4	16
46	Parametric functional principal component analysis. *Biometrics*, **2017**, 73, 802-810	1.8	14
45	Functional principal component analysis of glomerular filtration rate curves after kidney transplant. *Statistical Methods in Medical Research*, **2018**, 27, 3785-3796	2.3	14
44	New Insights Involving the Home Team Advantage. *International Journal of Sports Science and Coaching*, **2014**, 9, 681-692	1.8	14
43	An Annealed Sequential Monte Carlo Method for Bayesian Phylogenetics. *Systematic Biology*, **2020**, 69, 155-183	8.4	14
42	Supervised functional principal component analysis. *Statistics and Computing*, **2018**, 28, 713-723	1.8	13
41	Estimating time-varying directed gene regulation networks. *Biometrics*, **2017**, 73, 1231-1242	1.8	8
40	Optimal lineups in Twenty20 cricket. *Journal of Statistical Computation and Simulation*, **2016**, 86, 2888-2900	1.9	8

39	Cox Regression with Covariates Missing Not at Random. *Statistics in Biosciences*, **2011**, 3, 208-222	1.5	8
38	A Stylometric Analysis of King Alfred\V/Literary Works. *Journal of Applied Statistics*, **2007**, 34, 1251-1258	1	7
37	Bayesian analysis of mark-recapture data with travel time-dependent survival probabilities. *Canadian Journal of Statistics*, **2008**, 36, 5-21	0.4	7
36	Where Should I Publish My Sports Paper?. *American Statistician*, **2020**, 74, 103-108	5	6
35	Assessing the impact of fielding in Twenty20 cricket. *Journal of the Operational Research Society*, **2018**, 69, 1335-1343	2	5
34	A computationally intensive ranking system for paired comparison data. *Operations Research Perspectives*, **2018**, 5, 105-112	2.1	4
33	Bayesian Analysis of Ordinal Survey Data Using the Dirichlet Process to Account for Respondent Personality Traits. *Communications in Statistics Part B: Simulation and Computation*, **2014**, 43, 82-98	0.6	4
32	Functional principal component analysis for longitudinal data with informative dropout. *Statistics in Medicine*, **2021**, 40, 712-724	2.3	4
31	Joint modelling for organ transplantation outcomes for patients with diabetes and the end-stage renal disease. *Statistical Methods in Medical Research*, **2019**, 28, 2724-2737	2.3	3
30	Declaration guidelines in test cricket. *Journal of Quantitative Analysis in Sports*, **2014**, 10,	1.2	3
29	Issues Related to Sports Gambling. *Australian and New Zealand Journal of Statistics*, **2004**, 46, 219-232	0.7	3
28	Biased penalty calls in the National Hockey League. *Statistical Analysis and Data Mining*, **2016**, 9, 365-372	1.4	3
27	Analysis of substitution times in soccer. *Journal of Quantitative Analysis in Sports*, **2016**, 12,	1.2	3
26	Functional Mapping of Multiple Dynamic Traits. *Journal of Agricultural, Biological, and Environmental Statistics*, **2017**, 22, 60-75	1.9	2
25	The Prediction of Batting Averages in Major League Baseball. *Stats*, **2020**, 3, 84-93	0.9	2
24	Modified Kelly criteria. *Journal of Quantitative Analysis in Sports*, **2018**, 14, 1-11	1.2	2
23	Tests Concerning Equicorrelation Matrices with Grouped Normal Data. *Communications in Statistics - Theory and Methods*, **2005**, 34, 857-873	0.5	2
22	Bayesian Modeling and Computations in Final-Offer Arbitration. *Journal of Business and Economic Statistics*, **2003**, 21, 74-79	3.8	2

21	Quarterback evaluation in the national football league using tracking data. *AStA Advances in Statistical Analysis*,1	1	2
20	Efficient computation of the kinship coefficients. *Bioinformatics*, **2019**, 35, 1002-1008	7.2	2
19	Bayesian estimation of ordinary differential equation models when the likelihood has multiple local modes. *Monte Carlo Methods and Applications*, **2018**, 24, 117-127	0.4	1
18	The Quality of Pitches in Major League Baseball. *American Statistician*, **2017**, 71, 148-154	5	1
17	Bayesian clustering with priors on partitions. *Statistica Neerlandica*, **2011**, 65, 371-386	0.9	1
16	A contextual analysis of crossing the ball in soccer. *Journal of Quantitative Analysis in Sports*, **2021**, 17, 57-66	1.2	1
15	Foul accumulation in the NBA. *Journal of Quantitative Analysis in Sports*, **2020**, 16, 301-309	1.2	1
14	Estimating Genetic Similarity Matrices Using Phylogenies. *Journal of Computational Biology*, **2021**, 28, 587-600	1.7	1
13	The evaluation of pace of play in hockey. *Journal of Sports Analytics*, **2018**, 4, 145-151	0.7	1
12	The analysis of serve decisions in tennis using Bayesian hierarchical models. *Annals of Operations Research*,1	3.2	0
11	A characterization of the degree of weak and strong links in doubles sports. *Journal of Quantitative Analysis in Sports*, **2019**, 15, 155-162	1.2	0
10	Pattern discovery of health curves using an ordered probit model with Bayesian smoothing and functional principal component analysis. *Statistical Methods in Medical Research*, **2021**, 30, 458-472	2.3	0
9	Particle Gibbs sampling for Bayesian phylogenetic inference. *Bioinformatics*, **2021**, 37, 642-649	7.2	0
8	Bayesian approaches for critical velocity modelling of data from intermittent efforts. *International Journal of Sports Science and Coaching*,174795412211003	1.8	0
7	Bayesian treatment of non-standard problems in test analysis. *Metron*, **2019**, 77, 227-238	0.5	
6	Inference for misclassified multinomial data with covariates. *Canadian Journal of Statistics*, **2020**, 48, 655-669	0.4	
5	On the probability of a model. *Test*, **2002**, 11, 413-438	1.1	
4	Two-Dimensional Functional Principal Component Analysis for Image Feature Extraction. *Journal of Computational and Graphical Statistics*,1-26	1.4	

LIST OF PUBLICATIONS

3	Online Bayesian learning for mixtures of spatial spline regressions with mixed effects. *Journal of Statistical Computation and Simulation*,1-37	0.9
2	Adaptive semiparametric Bayesian differential equations via sequential Monte Carlo. *Journal of Computational and Graphical Statistics*,1-36	1.4
1	Semiparametric Mixed-Effects Ordinary Differential Equation Models with Heavy-Tailed Distributions. *Journal of Agricultural, Biological, and Environmental Statistics*, **2021**, 26, 1-18	1.9