

# Stephen L Rathbun

## List of Publications by Year in descending order

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Version: 2024-02-01

52  
papers

2,875  
citations

361045

20  
h-index

197535

49  
g-index

54  
all docs

54  
docs citations

54  
times ranked

3777  
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative Comparisons of 16S rRNA Gene Sequence Libraries from Environmental Samples. <i>Applied and Environmental Microbiology</i> , 2001, 67, 4374-4376.	1.4	550
2	The Population Dynamics of a Long-Lived Conifer ( <i>Pinus palustris</i> ). <i>American Naturalist</i> , 1988, 131, 491-525.	1.0	429
3	Interpolation of Spatial Data: Some Theory for Kriging. <i>Journal of the American Statistical Association</i> , 2000, 95, 1010.	1.8	247
4	A Five-Country Evaluation of a Point-of-Care Circulating Cathodic Antigen Urine Assay for the Prevalence of <i>Schistosoma mansoni</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 2013, 88, 426-432.	0.6	220
5	Ecological Momentary Assessment in Behavioral Research: Addressing Technological and Human Participant Challenges. <i>Journal of Medical Internet Research</i> , 2017, 19, e77.	2.1	185
6	Statistical Issues for Monitoring Ecological and Natural Resources in the United States. <i>Environmental Monitoring and Assessment</i> , 1999, 54, 1-45.	1.3	176
7	SPATIOTEMPORAL DISTRIBUTIONS OF BACTERIVOROUS NEMATODES AND SOIL RESOURCES IN A RESTORED RIPARIAN WETLAND. <i>Ecology</i> , 1998, 79, 2721-2734.	1.5	90
8	A Space-Time Survival Point Process for a Longleaf Pine Forest in Southern Georgia. <i>Journal of the American Statistical Association</i> , 1994, 89, 1164-1174.	1.8	87
9	A spatial zero-inflated poisson regression model for oak regeneration. <i>Environmental and Ecological Statistics</i> , 2006, 13, 409-426.	1.9	78
10	Spatial modelling in irregularly shaped regions: kriging estuaries. <i>Environmetrics</i> , 1998, 9, 109-129.	0.6	77
11	Association between results of ambulatory electrocardiography and development of cardiomyopathy during long-term follow-up of Doberman Pinschers. <i>Journal of the American Veterinary Medical Association</i> , 2000, 216, 34-39.	0.2	71
12	Modeling neighborhood effects on the growth and survival of individual trees in a natural temperate species-rich forest. <i>Ecological Modelling</i> , 2006, 196, 90-102.	1.2	65
13	On spatiotemporal patchiness and the coexistence of five species of <i>Chronogaster</i> (Nematoda): Tj ETQq1 1 0.784314 rgBT / Overlock 0,9 58		
14	Gaining and sustaining schistosomiasis control: study protocol and baseline data prior to different treatment strategies in five African countries. <i>BMC Infectious Diseases</i> , 2016, 16, 229.	1.3	52
15	Asymptotic properties of the maximum likelihood estimator for spatio-temporal point processes. <i>Journal of Statistical Planning and Inference</i> , 1996, 51, 55-74.	0.4	42
16	Impact of Work Task-Related Acute Occupational Smoke Exposures on Select Proinflammatory Immune Parameters in Wildland Firefighters. <i>Journal of Occupational and Environmental Medicine</i> , 2017, 59, 679-690.	0.9	38
17	Asymptotic Properties of Estimators for the Parameters of Spatial Inhomogeneous Poisson Point Processes. <i>Advances in Applied Probability</i> , 1994, 26, 122-154.	0.4	30
18	Point process analyses of variations in smoking rate by setting, mood, gender, and dependence.. <i>Psychology of Addictive Behaviors</i> , 2011, 25, 501-510.	1.4	27

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19	Urinary mutagenicity and other biomarkers of occupational smoke exposure of wildland firefighters and oxidative stress. <i>Inhalation Toxicology</i> , 2019, 31, 73-87.	0.8	26
20	A biomonitoring assessment of secondhand exposures to electronic cigarette emissions. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 816-823.	2.1	21
21	Bidirectional Relationships Between Weight Change and Sleep Apnea in a Behavioral Weight Loss Intervention. <i>Mayo Clinic Proceedings</i> , 2018, 93, 1290-1298.	1.4	20
22	Statistical inference on patch-specific survival and movement rates from marked animals. <i>Environmental and Ecological Statistics</i> , 1996, 3, 99-116.	1.9	19
23	Near-infrared spectroscopy of a hydroecological indicator: new tool for determining sustainable yield for Floridan aquifer system. <i>Hydrological Processes</i> , 2003, 17, 1785-1809.	1.1	19
24	Evidence for Range Contraction of Snowshoe Hare in Pennsylvania. <i>Northeastern Naturalist</i> , 2016, 23, 229-248.	0.1	18
25	Elevated Nicotine Dependence Scores among Electronic Cigarette Users at an Electronic Cigarette Convention. <i>Journal of Community Health</i> , 2018, 43, 164-174.	1.9	18
26	Understanding Pregnancy and Postpartum Health Using Ecological Momentary Assessment and Mobile Technology: Protocol for the Postpartum Mothers Mobile Study. <i>JMIR Research Protocols</i> , 2019, 8, e13569.	0.5	18
27	Air monitoring at large public electronic cigarette events. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 541-547.	2.1	17
28	Near infrared spectroscopy-guided exercise training for claudication in peripheral arterial disease. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 471-480.	0.8	17
29	Ecological momentary assessment of stress, racism and other forms of discrimination during pregnancy using smartphone technology. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 522-531.	0.8	17
30	The association between sleep health and weight change during a 12-month behavioral weight loss intervention. <i>International Journal of Obesity</i> , 2021, 45, 639-649.	1.6	17
31	Trends in Stress Throughout Pregnancy and Postpartum Period During the COVID-19 Pandemic: Longitudinal Study Using Ecological Momentary Assessment and Data From the Postpartum Mothers Mobile Study. <i>JMIR Mental Health</i> , 2021, 8, e30422.	1.7	15
32	Residential Exposures to PM <sub>2.5</sub> and CO in Cusco, A High-Altitude City in the Peruvian Andes: A Pilot Study. <i>Archives of Environmental and Occupational Health</i> , 2009, 64, 278-282.	0.7	11
33	Using Virtual Agents and Activity Monitors to Autonomously Track and Assess Self-Determined Physical Activity Among Young Children: A 6-Week Feasibility Field Study. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2020, 23, 471-478.	2.1	11
34	Time Series Analysis of the Impact of Oral Vaccination on Raccoon Rabies in West Virginia, 1990–2007. <i>Vector-Borne and Zoonotic Diseases</i> , 2010, 10, 801-809.	0.6	9
35	Spatial prediction with left-censored observations. <i>Journal of Agricultural, Biological, and Environmental Statistics</i> , 2006, 11, 317-336.	0.7	8
36	Using exhaled carbon monoxide and carboxy-hemoglobin to evaluate the effectiveness of a chimney stove model in Peru. <i>International Journal of Occupational and Environmental Health</i> , 2013, 19, 325-331.	1.2	8

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37	Spatial Analysis of the 2017 Outbreak of Hemorrhagic Disease and Physiographic Region in the Eastern United States. <i>Viruses</i> , 2021, 13, 550.	1.5	8
38	K-shuff: A Novel Algorithm for Characterizing Structural and Compositional Diversity in Gene Libraries. <i>PLoS ONE</i> , 2016, 11, e0167634.	1.1	8
39	Modeling and spatial prediction of pre-settlement patterns of forest distribution using witness tree data. <i>Environmental and Ecological Statistics</i> , 2006, 13, 427-448.	1.9	7
40	Scaling the Virtual Fitness Buddy Ecosystem as a School-Based Physical Activity Intervention for Children. <i>IEEE Computer Graphics and Applications</i> , 2022, 42, 105-115.	1.0	7
41	Survival Analysis with Time Varying Covariates Measured at Random Times by Design. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2013, 62, 419-434.	0.5	6
42	Empowerment and HIV Risk Behaviors in Couples: Modeling the Theory of Gender and Power in an African Context. <i>Women S Health Reports</i> , 2020, 1, 89-101.	0.4	6
43	Using virtual agents to increase physical activity in young children with the virtual fitness buddy ecosystem: Study protocol for a cluster randomized trial. <i>Contemporary Clinical Trials</i> , 2020, 99, 106181.	0.8	6
44	Mixed Effects Models for Recurrent Events Data with Partially Observed Time-Varying Covariates: Ecological Momentary Assessment of Smoking. <i>Biometrics</i> , 2016, 72, 46-55.	0.8	5
45	Mixed-Poisson point process with partially observed covariates: ecological momentary assessment of smoking. <i>Journal of Applied Statistics</i> , 2012, 39, 883-899.	0.6	4
46	Geographically-explicit Ecological Momentary Assessment (GEMA) Architecture and Components: Lessons Learned from PMOMS. <i>Informatics for Health and Social Care</i> , 2021, 46, 158-177.	1.4	2
47	Effectiveness of neuraminidase inhibitors to prevent mortality in patients with laboratory-confirmed avian influenza A H7N9. <i>International Journal of Infectious Diseases</i> , 2021, 103, 573-578.	1.5	1
48	Clinical management of an outbreak of nutritionally variant streptococcus endophthalmitis following intravitreal bevacizumab injection. <i>International Journal of Retina and Vitreous</i> , 2021, 7, 18.	0.9	1
49	Nightly Variation in Sleep Influences Self-efficacy for Adhering to a Healthy Lifestyle: A Prospective Study. <i>International Journal of Behavioral Medicine</i> , 2021, , 1.	0.8	1
50	Obesity affects short-term folic acid pharmacokinetics in women of childbearing age. <i>FASEB Journal</i> , 2013, 27, 246.2.	0.2	0
51	Response to short-term folic acid intake in relation to the body composition of women of reproductive age. <i>FASEB Journal</i> , 2013, 27, lb249.	0.2	0
52	Differences in Fine Particle Exposure and Estimated Pulmonary Ventilation Rate with Respect to Work Tasks of Wildland Firefighters at Prescribed Burns: A Repeated Measures Study. <i>Annals of Work Exposures and Health</i> , 0, , .	0.6	0