Stephen L Rathbun

List of Publications by Year
in descending order

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	Scaling the Virtual Fitness Buddy Ecosystem as a School-Based Physical Activity Intervention for Children. IEEE Computer Graphics and Applications, 2022, 42, 105-115.	1.0	7
2	The association between sleep health and weight change during a 12-month behavioral weight loss intervention. International Journal of Obesity, 2021, 45, 639-649.	1.6	17
3	Effectiveness of neuraminidase inhibitors to prevent mortality in patients with laboratory-confirmed avian influenza A H7N9. International Journal of Infectious Diseases, 2021, 103, 573-578.	1.5	1
4	Geographically-explicit Ecological Momentary Assessment (GEMA) Architecture and Components: Lessons Learned from PMOMS. Informatics for Health and Social Care, 2021, 46, 158-177.	1.4	2
5	Clinical management of an outbreak of nutritionally variant streptococcus endophthalmitis following intravitreal bevacizumab injection. International Journal of Retina and Vitreous, 2021, 7, 18.	0.9	1
6	Spatial Analysis of the 2017 Outbreak of Hemorrhagic Disease and Physiographic Region in the Eastern United States. Viruses, 2021, 13, 550.	1.5	8
7	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. JMIR Mental Health, 2021, 8, e30422.	1.7	15
8	Nightly Variation in Sleep Influences Self-efficacy for Adhering to a Healthy Lifestyle: A Prospective Study. International Journal of Behavioral Medicine, 2021, , 1.	0.8	1
9	Empowerment and HIV Risk Behaviors in Couples: Modeling the Theory of Gender and Power in an African Context. Women S Health Reports, 2020, 1, 89-101.	0.4	6
10	Using virtual agents to increase physical activity in young children with the virtual fitness buddy ecosystem: Study protocol for a cluster randomized trial. Contemporary Clinical Trials, 2020, 99, 106181.	0.8	6
11	Using Virtual Agents and Activity Monitors to Autonomously Track and Assess Self-Determined Physical Activity Among Young Children: A 6-Week Feasibility Field Study. Cyberpsychology, Behavior, and Social Networking, 2020, 23, 471-478.	2.1	11
12	Ecological momentary assessment of stress, racism and other forms of discrimination during pregnancy using smartphone technology. Paediatric and Perinatal Epidemiology, 2020, 34, 522-531.	0.8	17
13	A biomonitoring assessment of secondhand exposures to electronic cigarette emissions. International Journal of Hygiene and Environmental Health, 2019, 222, 816-823.	2.1	21
14	Urinary mutagenicity and other biomarkers of occupational smoke exposure of wildland firefighters and oxidative stress. Inhalation Toxicology, 2019, 31, 73-87.	0.8	26
15	Near infrared spectroscopy-guided exercise training for claudication in peripheral arterial disease. European Journal of Preventive Cardiology, 2019, 26, 471-480.	0.8	17
16	Understanding Pregnancy and Postpartum Health Using Ecological Momentary Assessment and Mobile Technology: Protocol for the Postpartum Mothers Mobile Study. JMIR Research Protocols, 2019, 8, e13569.	0.5	18
17	Air monitoring at large public electronic cigarette events. International Journal of Hygiene and Environmental Health, 2018, 221, 541-547.	2.1	17
18	Elevated Nicotine Dependence Scores among Electronic Cigarette Users at an Electronic Cigarette Convention. Journal of Community Health, 2018, 43, 164-174.	1.9	18

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19	Bidirectional Relationships Between Weight Change and Sleep Apnea in a Behavioral Weight Loss Intervention. Mayo Clinic Proceedings, 2018, 93, 1290-1298.	1.4	20
20	Impact of Work Task-Related Acute Occupational Smoke Exposures on Select Proinflammatory Immune Parameters in Wildland Firefighters. Journal of Occupational and Environmental Medicine, 2017, 59, 679-690.	0.9	38
21	Ecological Momentary Assessment in Behavioral Research: Addressing Technological and Human Participant Challenges. Journal of Medical Internet Research, 2017, 19, e77.	2.1	185
22	Gaining and sustaining schistosomiasis control: study protocol and baseline data prior to different treatment strategies in five African countries. BMC Infectious Diseases, 2016, 16, 229.	1.3	52
23	Evidence for Range Contraction of Snowshoe Hare in Pennsylvania. Northeastern Naturalist, 2016, 23, 229-248.	0.1	18
24	Mixed Effects Models for Recurrent Events Data with Partially Observed Time-Varying Covariates: Ecological Momentary Assessment of Smoking. Biometrics, 2016, 72, 46-55.	0.8	5
25	K-shuff: A Novel Algorithm for Characterizing Structural and Compositional Diversity in Gene Libraries. PLoS ONE, 2016, 11, e0167634.	1.1	8
26	Using exhaled carbon monoxide and carboxy-hemoglobin to evaluate the effectiveness of a chimney stove model in Peru. International Journal of Occupational and Environmental Health, 2013, 19, 325-331.	1.2	8
27	A Five-Country Evaluation of a Point-of-Care Circulating Cathodic Antigen Urine Assay for the Prevalence of Schistosoma mansoni. American Journal of Tropical Medicine and Hygiene, 2013, 88, 426-432.	0.6	220
28	Survival Analysis with Time Varying Covariates Measured at Random Times by Design. Journal of the Royal Statistical Society Series C: Applied Statistics, 2013, 62, 419-434.	0.5	6
29	Obesity affects short‐term folic acid pharmacokinetics in women of childbearing age. FASEB Journal, 2013, 27, 246.2.	0.2	0
30	Response to short‐term folic acid intake in relation to the body composition of women of reproductive age. FASEB Journal, 2013, 27, lb249.	0.2	0
31	Mixed-Poisson point process with partially observed covariates: ecological momentary assessment of smoking. Journal of Applied Statistics, 2012, 39, 883-899.	0.6	4
32	Point process analyses of variations in smoking rate by setting, mood, gender, and dependence.. Psychology of Addictive Behaviors, 2011, 25, 501-510.	1.4	27
33	Time Series Analysis of the Impact of Oral Vaccination on Raccoon Rabies in West Virginia, 1990–2007. Vector-Borne and Zoonotic Diseases, 2010, 10, 801-809.	0.6	9
34	Residential Exposures to $PM_{2.5}$ and CO in Cusco, A High-Altitude City in the Peruvian Andes: A Pilot Study. Archives of Environmental and Occupational Health, 2009, 64, 278-282.	0.7	11
35	Spatial prediction with left-censored observations. Journal of Agricultural, Biological, and Environmental Statistics, 2006, 11, 317-336.	0.7	8
36	A spatial zero-inflated poisson regression model for oak regeneration. Environmental and Ecological Statistics, 2006, 13, 409-426.	1.9	78

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37	Modeling and spatial prediction of pre-settlement patterns of forest distribution using witness tree data. Environmental and Ecological Statistics, 2006, 13, 427-448.	1.9	7
38	Modeling neighborhood effects on the growth and survival of individual trees in a natural temperate species-rich forest. Ecological Modelling, 2006, 196, 90-102.	1.2	65
39	Near-infrared spectroscopy of a hydroecological indicator: new tool for determining sustainable yield for Floridan aquifer system. Hydrological Processes, 2003, 17, 1785-1809.	1.1	19
40	Quantitative Comparisons of 16S rRNA Gene Sequence Libraries from Environmental Samples. Applied and Environmental Microbiology, 2001, 67, 4374-4376.	1.4	550
41	On spatiotemporal patchiness and the coexistence of five species of Chronogaster (Nematoda:) Tj ETQq1 1 0.784314 rgBT /Overlock	0.9	58
42	Association between results of ambulatory electrocardiography and development of cardiomyopathy during long-term follow-up of Doberman Pinschers. Journal of the American Veterinary Medical Association, 2000, 216, 34-39.	0.2	71
43	Interpolation of Spatial Data: Some Theory for Kriging. Journal of the American Statistical Association, 2000, 95, 1010.	1.8	247
44	Statistical Issues for Monitoring Ecological and Natural Resources in the United States. Environmental Monitoring and Assessment, 1999, 54, 1-45.	1.3	176
45	Spatial modelling in irregularly shaped regions: kriging estuaries. Environmetrics, 1998, 9, 109-129.	0.6	77
46	SPATIOTEMPORAL DISTRIBUTIONS OF BACTERIVOROUS NEMATODES AND SOIL RESOURCES IN A RESTORED RIPARIAN WETLAND. Ecology, 1998, 79, 2721-2734.	1.5	90
47	Statistical inference on patch-specific survival and movement rates from marked animals. Environmental and Ecological Statistics, 1996, 3, 99-116.	1.9	19
48	Asymptotic properties of the maximum likelihood estimator for spatio-temporal point processes. Journal of Statistical Planning and Inference, 1996, 51, 55-74.	0.4	42
49	A Space-Time Survival Point Process for a Longleaf Pine Forest in Southern Georgia. Journal of the American Statistical Association, 1994, 89, 1164-1174.	1.8	87
50	Asymptotic Properties of Estimators for the Parameters of Spatial Inhomogeneous Poisson Point Processes. Advances in Applied Probability, 1994, 26, 122-154.	0.4	30
51	The Population Dynamics of a Long-Lived Conifer (Pinus palustris). American Naturalist, 1988, 131, 491-525.	1.0	429
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. Annals of Work Exposures and Health, 0, , .	0.6	0