

# Stefania Bertazzon

## List of Publications by Year in descending order

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43  
papers

747  
citations

686830

13  
h-index

525886

27  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1178  
citing authors

#	ARTICLE	IF	CITATIONS
1	Travel Distance to Subspecialty Clinic and Outcomes in Patients with Fibrotic Interstitial Lung Disease. <i>Annals of the American Thoracic Society</i> , 2022, 19, 20-27.	1.5	16
2	Spatial regression modelling of particulate pollution in Calgary, Canada. <i>Geo Journal</i> , 2022, 87, 2141-2157.	1.7	3
3	Association Between Residential Proximity to Hydraulic Fracturing Sites and Adverse Birth Outcomes. <i>JAMA Pediatrics</i> , 2022, 176, 585.	3.3	6
4	Rural-Urban Differences in Non-Local Primary Care Utilization among People with Osteoarthritis: The Role of Area-Level Factors. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6392.	1.2	1
5	Assessing the Potential of Artificial Intelligence (Artificial Neural Networks) in Predicting the Spatiotemporal Pattern of Wildfire-Generated PM2.5 Concentration. <i>Geomatics</i> , 2021, 1, 18-33.	1.0	2
6	Geographic Variation in the Prevalence of Rheumatoid Arthritis in Alberta, Canada. <i>ACR Open Rheumatology</i> , 2021, 3, 324-332.	0.9	6
7	Estimation of local daily PM2.5 concentration during wildfire episodes: integrating MODIS AOD with multivariate linear mixed effect (LME) models. <i>Air Quality, Atmosphere and Health</i> , 2020, 13, 173-185.	1.5	15
8	Temporal and spatial effect of air pollution on hospital admissions for myocardial infarction: a case-crossover study. <i>CMAJ Open</i> , 2020, 8, E619-E626.	1.1	7
9	Geospatial patterns of comorbidity prevalence among people with osteoarthritis in Alberta Canada. <i>BMC Public Health</i> , 2020, 20, 1551.	1.2	9
10	A Preliminary Spatial Analysis of the Association of Asthma and Traffic-Related Air Pollution in the Metropolitan Area of Calgary, Canada. <i>Atmosphere</i> , 2020, 11, 1066.	1.0	5
11	Geographic variation in osteoarthritis prevalence in Alberta: A spatial analysis approach. <i>Applied Geography</i> , 2019, 103, 112-121.	1.7	7
12	Spatial land use regression of nitrogen dioxide over a 5-year interval in Calgary, Canada. <i>International Journal of Geographical Information Science</i> , 2019, 33, 1335-1354.	2.2	2
13	Modeling Wildfire Smoke Pollution by Integrating Land Use Regression and Remote Sensing Data: Regional Multi-Temporal Estimates for Public Health and Exposure Models. <i>Atmosphere</i> , 2018, 9, 335.	1.0	11
14	Canada: Climate Change, Air Pollution and Health. <i>Springer Climate</i> , 2018, , 89-98.	0.3	0
15	Lessons learned from the 2013 Calgary flood: Assessing risk of drinking water well contamination. <i>Applied Geography</i> , 2017, 80, 78-85.	1.7	22
16	Schools, Air Pollution, and Active Transportation: An Exploratory Spatial Analysis of Calgary, Canada. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 834.	1.2	10
17	Exploratory Temporal and Spatial Analysis of Myocardial Infarction Hospitalizations in Calgary, Canada. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1555.	1.2	6
18	Land Use Regression of Particulate Matter in Calgary, Canada. <i>International Conference on GIScience Short Paper Proceedings</i> , 2016, 1, .	0.0	3

#	ARTICLE	IF	CITATIONS
19	A preliminary spatial assessment of risk: Marine birds and chronic oil pollution on Canada's Pacific coast. <i>Science of the Total Environment</i> , 2016, 573, 799-809.	3.9	61
20	Fine Scale Spatio-Temporal Modelling of Urban Air Pollution. <i>Lecture Notes in Computer Science</i> , 2016, , 210-224.	1.0	2
21	Applications of geographic information systems in public health: A geospatial approach to analyzing MMR immunization uptake in Alberta. <i>Canadian Journal of Public Health</i> , 2015, 106, e355-e361.	1.1	11
22	Development of land-use regression models for metals associated with airborne particulate matter in a North American city. <i>Atmospheric Environment</i> , 2015, 106, 165-177.	1.9	50
23	Fine particulate air pollution, nitrogen dioxide, and systemic autoimmune rheumatic disease in Calgary, Alberta. <i>Environmental Research</i> , 2015, 140, 474-478.	3.7	54
24	Accounting for spatial effects in land use regression for urban air pollution modeling. <i>Spatial and Spatio-temporal Epidemiology</i> , 2015, 14-15, 9-21.	0.9	63
25	Local Spatial Analysis and Dynamic Simulation of Childhood Obesity and Neighbourhood Walkability in a Major Canadian City. <i>AIMS Public Health</i> , 2015, 2, 616-637.	1.1	15
26	GIS and Public Health. <i>ISPRS International Journal of Geo-Information</i> , 2014, 3, 868-870.	1.4	5
27	Geospatial analysis of oil discharges observed by the National Aerial Surveillance Program in the Canadian Pacific Ocean. <i>Applied Geography</i> , 2014, 52, 78-89.	1.7	15
28	Ambient Ozone Concentrations and the Risk of Perforated and Nonperforated Appendicitis: A Multicity Case-Crossover Study. <i>Environmental Health Perspectives</i> , 2013, 121, 939-943.	2.8	41
29	A Comparison of Principal Component-Based and Multivariate Regression of Cardiac Disease. <i>Advances in Geospatial Technologies Book Series</i> , 2013, , 31-48.	0.1	0
30	A Spatial Analysis of the Demographic and Socio-economic Variables Associated with Cardiovascular Disease in Calgary (Canada). <i>Applied Spatial Analysis and Policy</i> , 2010, 3, 1-23.	1.0	13
31	Spatial Analysis of Wildlife Distribution and Disease Spread. , 2010, , 255-272.		4
32	Cruising in the Mediterranean: structural aspects and evolutionary trends. <i>Maritime Policy and Management</i> , 2009, 36, 235-251.	1.9	46
33	Comparison of distance measures in spatial analytical modeling for health service planning. <i>BMC Health Services Research</i> , 2009, 9, 200.	0.9	104
34	Rasterizing Census Geography: Definition and Optimization of a Regular Grid. <i>Lecture Notes in Geoinformation and Cartography</i> , 2009, , 251-269.	0.5	0
35	Evaluating the Use of Alternative Distance Metrics in Spatial Regression Analysis of Health Data: A Spatio-temporal Comparison. <i>Lecture Notes in Computer Science</i> , 2009, , 267-287.	1.0	1
36	Alternative Distance Metrics for Enhanced Reliability of Spatial Regression Analysis of Health Data. <i>Lecture Notes in Computer Science</i> , 2008, , 361-374.	1.0	3

#	ARTICLE	IF	CITATIONS
37	Exploratory Spatial Analysis of Illegal Oil Discharges Detected off Canada's Pacific Coast. Lecture Notes in Computer Science, 2008, , 81-95.	1.0	1
38	Association between residence location and likelihood of kidney transplantation in Aboriginal patients treated with dialysis in Canada. Kidney International, 2006, 70, 924-930.	2.6	43
39	Spatial analysis in ecological risk assessment: Pollutant bioaccumulation in clams <i>Tapes philipinarum</i> in the Venetian lagoon (Italy). Computers, Environment and Urban Systems, 2006, 30, 880-904.	3.3	4
40	Residence location and likelihood of kidney transplantation. Cmaj, 2006, 175, 478-482.	0.9	65
41	Modeling Sage Grouse: Progressive Computational Methods for Linking a Complex Set of Local, Digital Biodiversity and Habitat Data Towards Global Conservation Statements and Decision-Making Systems. Lecture Notes in Computer Science, 2005, , 152-161.	1.0	4
42	Spatial Analysis: Science or Art?. Lecture Notes in Computer Science, 2005, , 118-125.	1.0	0
43	GIS Applications in Tourism Marketing: Current Uses, an Experimental Application and Future Prospects. Journal of Travel and Tourism Marketing, 1997, 6, 35-59.	3.1	10