Stefania Bertazzon

List of Publications by Year
in descending order

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	Comparison of distance measures in spatial analytical modeling for health service planning. BMC Health Services Research, 2009, 9, 200.	0.9	104
2	Residence location and likelihood of kidney transplantation. Cmaj, 2006, 175, 478-482.	0.9	65
3	Accounting for spatial effects in land use regression for urban air pollution modeling. Spatial and Spatio-temporal Epidemiology, 2015, 14-15, 9-21.	0.9	63
4	A preliminary spatial assessment of risk: Marine birds and chronic oil pollution on Canada's Pacific coast. Science of the Total Environment, 2016, 573, 799-809.	3.9	61
5	Fine particulate air pollution, nitrogen dioxide, and systemic autoimmune rheumatic disease in Calgary, Alberta. Environmental Research, 2015, 140, 474-478.	3.7	54
6	Development of land-use regression models for metals associated with airborne particulate matter in a North American city. Atmospheric Environment, 2015, 106, 165-177.	1.9	50
7	Cruising in the Mediterranean: structural aspects and evolutionary trends. Maritime Policy and Management, 2009, 36, 235-251.	1.9	46
8	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
9	Ambient Ozone Concentrations and the Risk of Perforated and Nonperforated Appendicitis: A Multicity Case-Crossover Study. Environmental Health Perspectives, 2013, 121, 939-943.	2.8	41
10	Lessons learned from the 2013 Calgary flood: Assessing risk of drinking water well contamination. Applied Geography, 2017, 80, 78-85.	1.7	22
11	Travel Distance to Subspecialty Clinic and Outcomes in Patients with Fibrotic Interstitial Lung Disease. Annals of the American Thoracic Society, 2022, 19, 20-27.	1.5	16
12	Geospatial analysis of oil discharges observed by the National Aerial Surveillance Program in the Canadian Pacific Ocean. Applied Geography, 2014, 52, 78-89.	1.7	15
13	Estimation of local daily PM2.5 concentration during wildfire episodes: integrating MODIS AOD with multivariate linear mixed effect (LME) models. Air Quality, Atmosphere and Health, 2020, 13, 173-185.	1.5	15
14	Local Spatial Analysis and Dynamic Simulation of Childhood Obesity and Neighbourhood Walkability in a Major Canadian City. AIMS Public Health, 2015, 2, 616-637.	1.1	15
15	A Spatial Analysis of the Demographic and Socio-economic Variables Associated with Cardiovascular Disease in Calgary (Canada). Applied Spatial Analysis and Policy, 2010, 3, 1-23.	1.0	13
16	Applications of geographic information systems in public health: A geospatial approach to analyzing MMR immunization uptake in Alberta. Canadian Journal of Public Health, 2015, 106, e355-e361.	1.1	11
17	Modeling Wildfire Smoke Pollution by Integrating Land Use Regression and Remote Sensing Data: Regional Multi-Temporal Estimates for Public Health and Exposure Models. Atmosphere, 2018, 9, 335.	1.0	11
18	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

#	Article	IF	Citations
19	Schools, Air Pollution, and Active Transportation: An Exploratory Spatial Analysis of Calgary, Canada. International Journal of Environmental Research and Public Health, 2017, 14, 834.	1.2	10
20	Geospatial patterns of comorbidity prevalence among people with osteoarthritis in Alberta Canada. BMC Public Health, 2020, 20, 1551.	1.2	9
21	Geographic variation in osteoarthritis prevalence in Alberta: A spatial analysis approach. Applied Geography, 2019, 103, 112-121.	1.7	7
22	Temporal and spatial effect of air pollution on hospital admissions for myocardial infarction: a case-crossover study. CMAJ Open, 2020, 8, E619-E626.	1.1	7
23	Exploratory Temporal and Spatial Analysis of Myocardial Infarction Hospitalizations in Calgary, Canada. International Journal of Environmental Research and Public Health, 2017, 14, 1555.	1.2	6
24	Geographic Variation in the Prevalence of Rheumatoid Arthritis in Alberta, Canada. ACR Open Rheumatology, 2021, 3, 324-332.	0.9	6
25	Association Between Residential Proximity to Hydraulic Fracturing Sites and Adverse Birth Outcomes. JAMA Pediatrics, 2022, 176, 585.	3.3	6
26	GIS and Public Health. ISPRS International Journal of Geo-Information, 2014, 3, 868-870.	1.4	5
27	A Preliminary Spatial Analysis of the Association of Asthma and Traffic-Related Air Pollution in the Metropolitan Area of Calgary, Canada. Atmosphere, 2020, 11, 1066.	1.0	5
28	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
29	Spatial analysis in ecological risk assessment: Pollutant bioaccumulation in clams Tapes philipinarum in the Venetian lagoon (Italy). Computers, Environment and Urban Systems, 2006, 30, 880-904.	3.3	4
30	Spatial Analysis of Wildlife Distribution and Disease Spread. , 2010, , 255-272.		4
31	Land Use Regression of Particulate Matter in Calgary, Canada. International Conference on GIScience Short Paper Proceedings, 2016, 1, .	0.0	3
32	Spatial regression modelling of particulate pollution in Calgary, Canada. Geo Journal, 2022, 87, 2141-2157.	1.7	3
33	Alternative Distance Metrics for Enhanced Reliability of Spatial Regression Analysis of Health Data. Lecture Notes in Computer Science, 2008, , 361-374.	1.0	3
34	Fine Scale Spatio-Temporal Modelling of Urban Air Pollution. Lecture Notes in Computer Science, 2016, , 210-224.	1.0	2
35	Spatial land use regression of nitrogen dioxide over a 5-year interval in Calgary, Canada. International Journal of Geographical Information Science, 2019, 33, 1335-1354.	2.2	2
36	Assessing the Potential of Artificial Intelligence (Artificial Neural Networks) in Predicting the Spatiotemporal Pattern of Wildfire-Generated PM2.5 Concentration. Geomatics, 2021, 1, 18-33.	1.0	2

#	Article	IF	Citations
37	Evaluating the Use of Alternative Distance Metrics in Spatial Regression Analysis of Health Data: A Spatio-temporal Comparison. Lecture Notes in Computer Science, 2009, , 267-287.	1.0	1
38	Exploratory Spatial Analysis of Illegal Oil Discharges Detected off Canadaâ€™s Pacific Coast. Lecture Notes in Computer Science, 2008, , 81-95.	1.0	1
39	Ruralâ€"Urban Differences in Non-Local Primary Care Utilization among People with Osteoarthritis: The Role of Area-Level Factors. International Journal of Environmental Research and Public Health, 2022, 19, 6392.	1.2	1
40	Rasterizing Census Geography: Definition and Optimization of a Regular Grid. Lecture Notes in Geoinformation and Cartography, 2009, , 251-269.	0.5	0
41	Spatial Analysis: Science or Art?. Lecture Notes in Computer Science, 2005, , 118-125.	1.0	0
42	A Comparison of Principal Component-Based and Multivariate Regression of Cardiac Disease. Advances in Geospatial Technologies Book Series, 2013, , 31-48.	0.1	0
43	Canada: Climate Change, Air Pollution and Health. Springer Climate, 2018, , 89-98.	0.3	0