Jonathan Aguero-Valverde

List of Publications by Year
in descending order

22 papers	1,197 citations	687363 13 h-index	794594 19 g-index
22 all docs	22 docs citations	22 times ranked	851 citing authors

#	Article	IF	Citations
1	Spatial analysis of fatal and injury crashes in Pennsylvania. Accident Analysis and Prevention, 2006, 38, 618-625.	5.7	332
2	Analysis of Road Crash Frequency with Spatial Models. Transportation Research Record, 2008, 2061, 55-63.	1.9	194
3	Bayesian Multivariate Poisson Lognormal Models for Crash Severity Modeling and Site Ranking. Transportation Research Record, 2009, 2136, 82-91.	1.9	127
4	Multivariate spatial models of excess crash frequency at area level: Case of Costa Rica. Accident Analysis and Prevention, 2013, 59, 365-373.	5.7	103
5	Using naturalistic driving data to explore the association between traffic safety-related events and crash risk at driver level. Accident Analysis and Prevention, 2014, 72, 210-218.	5.7	74
6	Spatial Correlation in Multilevel Crash Frequency Models. Transportation Research Record, 2010, 2165, 21-32.	1.9	71
7	Full Bayes Poisson gamma, Poisson lognormal, and zero inflated random effects models: Comparing the precision of crash frequency estimates. Accident Analysis and Prevention, 2013, 50, 289-297.	5.7	69
8	A multivariate spatial crash frequency model for identifying sites with promise based on crash types. Accident Analysis and Prevention, 2016, 87, 8-16.	5.7	66
9	Analysis of Naturalistic Driving Event Data. Transportation Research Record, 2011, 2236, 49-57.	1.9	48
10	Analysis of Naturalistic Driving Data. Transportation Research Record, 2008, 2061, 1-8.	1.9	32
11	Relating crash frequency and severity: Evaluating the effectiveness of shoulder rumble strips on reducing fatal and major injury crashes. Accident Analysis and Prevention, 2014, 67, 86-95.	5.7	19
12	Parental preferences in the choice for a specialty school. Journal of School Choice, 2019, 13, 198-227.	0.8	16
13	Direct Spatial Correlation in Crash Frequency Models: Estimation of the Effective Range. Journal of Transportation Safety and Security, 2014, 6, 21-33.	1.6	15
14	Bayesian Spatial Models of Crash Frequency at Highway–Railway Crossings. Transportation Research Record, 2017, 2608, 27-35.	1.9	13
15	Spatial analysis of road crash frequency using Bayesian models with Integrated Nested Laplace Approximation (INLA). Journal of Transportation Safety and Security, 2021, 13, 1240-1262.	1.6	6
16	Measuring Inequality of Opportunity in Access to Quality Basic Education: A Case Study in Florida, US. ISPRS International Journal of Geo-Information, 2018, 7, 465.	2.9	5
17	Emergency response times and crash risk: An analysis framework for Costa Rica. Journal of Transport and Health, 2020, 16, 100818.	2.2	3
18	Jointly Specified Spatial Priors for Bayesian Models of Crash Frequency. Transportation Research Record, 2018, 2672, 90-98.	1.9	2

#	Article	IF	Citations
19	A multivariate random parameter crash frequency model for exploring the associations between shoulder rumble strips on different crash types. Journal of Transportation Safety and Security, 2021, 13, 158-179.	1.6	2
20	Bayesian spatial models of injury severity at railway crossings. Journal of Transportation Safety and Security, 2021, 13, 680-693.	1.6	0
21	Fare inequities in public transit system in Costa Rica. Revista Ingeniería, 2021, 31, 80-97.	0.1	0
22	Aircraft Noise and Land Use Zoning Compatibility around the Juan Santamaría Airport, Costa Rica. Revista Ingeniería, 2020, 30, 14-31.	0.1	0