# Jonathan Aguero-Valverde

List of Publications by Year
in descending order

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

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Bayesian spatial models of injury severity at railway crossings. Journal of Transportation Safety and Security, 2021, 13, 680-693. | 1.6 | 0 |
| 4 | Fare inequities in public transit system in Costa Rica. Revista Ingeniería, 2021, 31, 80-97. | 0.1 | 0 |
| 5 | Emergency response times and crash risk: An analysis framework for Costa Rica. Journal of Transport and Health, 2020, 16, 100818. | 2.2 | 3 |
| 6 | Aircraft Noise and Land Use Zoning Compatibility around the Juan Santamaría Airport, Costa Rica. Revista Ingeniería, 2020, 30, 14-31. | 0.1 | 0 |
| 7 | Parental preferences in the choice for a specialty school. Journal of School Choice, 2019, 13, 198-227. | 0.8 | 16 |
| 8 | 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 |
| 9 | Jointly Specified Spatial Priors for Bayesian Models of Crash Frequency. Transportation Research Record, 2018, 2672, 90-98. | 1.9 | 2 |
| 10 | Bayesian Spatial Models of Crash Frequency at Highway–Railway Crossings. Transportation Research Record, 2017, 2608, 27-35. | 1.9 | 13 |
| 11 | 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 |
| 12 | 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 |
| 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 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Analysis of Naturalistic Driving Event Data. Transportation Research Record, 2011, 2236, 49-57. | 1.9 | 48 |
| 18 | Spatial Correlation in Multilevel Crash Frequency Models. Transportation Research Record, 2010, 2165, 21-32. | 1.9 | 71 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | Bayesian Multivariate Poisson Lognormal Models for Crash Severity Modeling and Site Ranking. Transportation Research Record, 2009, 2136, 82-91. | 1.9 | 127 |
| 20 | Analysis of Road Crash Frequency with Spatial Models. Transportation Research Record, 2008, 2061, 55-63. | 1.9 | 194 |
| 21 | Analysis of Naturalistic Driving Data. Transportation Research Record, 2008, 2061, 1-8. | 1.9 | 32 |
| 22 | Spatial analysis of fatal and injury crashes in Pennsylvania. Accident Analysis and Prevention, 2006, 38, 618-625. | 5.7 | 332 |