

Paolo Bazzurro

List of Publications by Year in descending order

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1966
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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The Effect of Seismic Sequences in Probabilistic Seismic Hazard Analysis. Bulletin of the Seismological Society of America, 2022, 112, 1694-1709. | 2.3 | 8 |
| 2 | Site specific probabilistic seismic hazard model for Isfahan, Iran: estimates and uncertainties. Bulletin of Earthquake Engineering, 2022, 20, 3623-3657. | 4.1 | 1 |
| 3 | A risk-based evaluation of direct displacement-based design. Bulletin of Earthquake Engineering, 2022, 20, 6611-6633. | 4.1 | 4 |
| 4 | Exploring probabilistic seismic risk assessment accounting for seismicity clustering and damage accumulation: Part II. Risk analysis. Earthquake Spectra, 2021, 37, 386-408. | 3.1 | 12 |
| 5 | Impact of partially non-ergodic site-specific probabilistic seismic hazard on risk assessment of single buildings. Earthquake Spectra, 2021, 37, 409-427. | 3.1 | 6 |
| 6 | Exploring probabilistic seismic risk assessment accounting for seismicity clustering and damage accumulation: Part I. Hazard analysis. Earthquake Spectra, 2021, 37, 803-826. | 3.1 | 20 |
| 7 | Seismic risk and loss estimation for the building stock in Isfahan: part II "hazard analysis and risk assessment. Bulletin of Earthquake Engineering, 2021, 19, 1739-1763. | 4.1 | 14 |
| 8 | Time-dependent seismic hazard and risk due to wastewater injection in Oklahoma. Earthquake Spectra, 2021, 37, 2084-2106. | 3.1 | 7 |
| 9 | Tall buildings in Turkey, their characteristic structural features and dynamic behaviour. Bulletin of Earthquake Engineering, 2021, 19, 2105-2124. | 4.1 | 4 |
| 10 | Conditional spectrum record selection faithful to causative earthquake parameter distributions. Earthquake Engineering and Structural Dynamics, 2021, 50, 2653-2671. | 4.4 | 12 |
| 11 | Seismic collapse risk of reinforced concrete tall buildings in Istanbul. Bulletin of Earthquake Engineering, 2021, 19, 6545-6571. | 4.1 | 3 |
| 12 | Seismic risk and loss estimation for the building stock in Isfahan. Part I: exposure and vulnerability. Bulletin of Earthquake Engineering, 2021, 19, 1709-1737. | 4.1 | 13 |
| 13 | Earthquakes Induced by Wastewater Injection, Part I: Model Development and Hindcasting. Bulletin of the Seismological Society of America, 2020, 110, 2466-2482. | 2.3 | 9 |
| 14 | Earthquakes Induced by Wastewater Injection, Part II: Statistical Evaluation of Causal Factors and Seismicity Rate Forecasting. Bulletin of the Seismological Society of America, 2020, 110, 2483-2497. | 2.3 | 8 |
| 15 | Correlation of spectral acceleration values of vertical and horizontal ground motion pairs. Earthquake Spectra, 2020, 36, 2112-2128. | 3.1 | 8 |
| 16 | Multi-level conditional spectrum-based record selection for IDA. Earthquake Spectra, 2020, 36, 1976-1994. | 3.1 | 19 |
| 17 | Mainshock-consistent ground motion record selection for aftershock sequences. Earthquake Engineering and Structural Dynamics, 2020, 49, 754-771. | 4.4 | 15 |
| 18 | Application of open tools and datasets to probabilistic modeling of road traffic disruptions due to earthquake damage. Earthquake Engineering and Structural Dynamics, 2020, 49, 1236-1255. | 4.4 | 27 |

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| 19 | Correlation of Spectral Acceleration Values of Mainshock-Aftershock Ground Motion Pairs. Earthquake Spectra, 2019, 35, 39-60. | 3.1 | 15 |
| 20 | Current Challenges and Future Trends in Analytical Fragility and Vulnerability Modeling. Earthquake Spectra, 2019, 35, 1927-1952. | 3.1 | 113 |
| 21 | Conditional spectrum bidirectional record selection for risk assessment of 3D structures using scalar and vector IMs. Earthquake Engineering and Structural Dynamics, 2019, 48, 1066-1082. | 4.4 | 18 |
| 22 | Pulse-like versus non-pulse-like ground motion records: Spectral shape comparisons and record selection strategies. Earthquake Engineering and Structural Dynamics, 2019, 48, 46-64. | 4.4 | 73 |
| 23 | An analytical solution for the Bayesian estimation of ground motion from macroseismic intensity data. Bulletin of Earthquake Engineering, 2018, 16, 2633-2640. | 4.1 | 1 |
| 24 | Effects of Epistemic Uncertainty in Seismic Hazard Estimates on Building Portfolio Losses. Earthquake Spectra, 2018, 34, 217-236. | 3.1 | 17 |
| 25 | Assessing the impact of earthquake scenarios in transportation networks: the Portuguese mining factory case study. Bulletin of Earthquake Engineering, 2018, 16, 1137-1163. | 4.1 | 8 |
| 26 | Ground-motion models for average spectral acceleration in a period range: direct and indirect methods. Bulletin of Earthquake Engineering, 2018, 16, 45-65. | 4.1 | 40 |
| 27 | Conditional spectrum based ground motion record selection using average spectral acceleration. Earthquake Engineering and Structural Dynamics, 2018, 47, 265-265. | 4.4 | 4 |
| 28 | Spectral Matching in Time Domain: A Seismological and Engineering Analysis. Bulletin of the Seismological Society of America, 2018, 108, 1972-1994. | 2.3 | 11 |
| 29 | Seismic Reliability of Code-Conforming Italian Buildings. Journal of Earthquake Engineering, 2018, 22, 5-27. | 2.5 | 113 |
| 30 | Advances in the derivation of fragility functions for the development of risk-targeted hazard maps. Engineering Structures, 2018, 173, 669-680. | 5.3 | 17 |
| 31 | Comparison between outcomes of the 2014 Earthquake Hazard Model of the Middle East (EMME14) and national seismic design codes: The case of Iran. Soil Dynamics and Earthquake Engineering, 2018, 114, 348-361. | 3.8 | 16 |
| 32 | Site dependence and record selection schemes for building fragility and regional loss assessment. Earthquake Engineering and Structural Dynamics, 2017, 46, 1625-1643. | 4.4 | 62 |
| 33 | Conditional spectrum-based ground motion record selection using average spectral acceleration. Earthquake Engineering and Structural Dynamics, 2017, 46, 1667-1685. | 4.4 | 163 |
| 34 | Using Open-Access Data in the Development of Exposure Data Sets of Industrial Buildings for Earthquake Risk Modeling. Earthquake Spectra, 2017, 33, 63-84. | 3.1 | 15 |
| 35 | Seismic Performance of 3-D Infilled and Bare Frame RC Building Models using Average Spectral Acceleration. Procedia Engineering, 2017, 199, 3558-3563. | 1.2 | 1 |
| 36 | Testing strong motion stations continuity of operation using random fields and intensity data. Bulletin of Earthquake Engineering, 2017, 15, 2445-2464. | 4.1 | 1 |

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| 37 | Loss Predictive Power of Strong Motion Networks for Usage in Parametric Risk Transfer: Istanbul as a Case Study. <i>Earthquake Spectra</i> , 2017, 33, 1513-1531. | 3.1 | 6 |
| 38 | Implications of Intensity Measure Selection for Seismic Loss Assessment of 3-D Buildings. <i>Earthquake Spectra</i> , 2016, 32, 2167-2189. | 3.1 | 41 |
| 39 | Vector and Scalar IMs in Structural Response Estimation, Part I: Hazard Analysis. <i>Earthquake Spectra</i> , 2016, 32, 1507-1524. | 3.1 | 67 |
| 40 | Vector and Scalar IMs in Structural Response Estimation, Part II: Building Demand Assessment. <i>Earthquake Spectra</i> , 2016, 32, 1525-1543. | 3.1 | 99 |
| 41 | Exploring Risk-Targeted Hazard Maps for Europe. <i>Earthquake Spectra</i> , 2016, 32, 1165-1186. | 3.1 | 66 |
| 42 | Exploring the impact of spatial correlations and uncertainties for portfolio analysis in probabilistic seismic loss estimation. <i>Bulletin of Earthquake Engineering</i> , 2015, 13, 957-981. | 4.1 | 100 |
| 43 | Floor Response Spectra for Bare and Infilled Reinforced Concrete Frames. <i>Journal of Earthquake Engineering</i> , 2014, 18, 1060-1082. | 2.5 | 29 |
| 44 | Recorded Motions of the 6 April 2009 M_w 6.3 L'Aquila, Italy, Earthquake and Implications for Building Structural Damage: Overview. <i>Earthquake Spectra</i> , 2010, 26, 651-684. | 3.1 | 71 |
| 45 | Disaggregation of Probabilistic Ground-Motion Hazard in Italy. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2638-2661. | 2.3 | 112 |
| 46 | A Comparison of NGA Ground-Motion Prediction Equations to Italian Data. <i>Bulletin of the Seismological Society of America</i> , 2009, 99, 2961-2978. | 2.3 | 123 |
| 47 | Impact of Uncertainty on Loss Estimates for a Repeat of the 1908 Messina-Reggio Calabria Earthquake in Southern Italy. <i>AIP Conference Proceedings</i> , 2008, , . | 0.4 | 0 |
| 48 | Sensitivity analysis of seismic hazard for Western Liguria (North Western Italy): A first attempt towards the understanding and quantification of hazard uncertainty. <i>Tectonophysics</i> , 2007, 435, 13-35. | 2.2 | 25 |
| 49 | Does amplitude scaling of ground motion records result in biased nonlinear structural drift responses?. <i>Earthquake Engineering and Structural Dynamics</i> , 2007, 36, 1813-1835. | 4.4 | 246 |
| 50 | Implementation of 1D Ground Response Analysis in Probabilistic Assessments of Ground Shaking Potential. , 2006, , 1. | | 0 |
| 51 | Reply to "Comment on 'Nonlinear Soil-Site Effects in Probabilistic Seismic-Hazard Analysis' by Paolo Bazzurro and C. Allin Cornell," by Jonathan P. Stewart and Christine A. Goulet. <i>Bulletin of the Seismological Society of America</i> , 2006, 96, 748-749. | 2.3 | 3 |
| 52 | Performance of Reinforced Concrete Buildings during the 2002 Molise, Italy, Earthquake. <i>Earthquake Spectra</i> , 2004, 20, 221-255. | 3.1 | 38 |
| 53 | The 2002 Molise, Italy, Earthquake. <i>Earthquake Spectra</i> , 2004, 20, 1-22. | 3.1 | 50 |
| 54 | Ground-Motion Amplification in Nonlinear Soil Sites with Uncertain Properties. <i>Bulletin of the Seismological Society of America</i> , 2004, 94, 2090-2109. | 2.3 | 145 |

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| 55 | Nonlinear Soil-Site Effects in Probabilistic Seismic-Hazard Analysis. Bulletin of the Seismological Society of America, 2004, 94, 2110-2123. | 2.3 | 164 |
| 56 | Disaggregation of seismic hazard. Bulletin of the Seismological Society of America, 1999, 89, 501-520. | 2.3 | 423 |
| 57 | Earthquakes, Records, and Nonlinear Responses. Earthquake Spectra, 1998, 14, 469-500. | 3.1 | 633 |
| 58 | Three Proposals for Characterizing MDOF Nonlinear Seismic Response. Journal of Structural Engineering, 1998, 124, 1281-1289. | 3.4 | 112 |
| 59 | Seismic damage hazard analysis for requalification of nuclear power plant structures: methodology and application. Nuclear Engineering and Design, 1996, 160, 321-332. | 1.7 | 3 |
| 60 | Seismic Hazard Analysis of Nonlinear Structures. I: Methodology. Journal of Structural Engineering, 1994, 120, 3320-3344. | 3.4 | 79 |
| 61 | Seismic Hazard Analysis of Nonlinear Structures. II: Applications. Journal of Structural Engineering, 1994, 120, 3345-3365. | 3.4 | 44 |
| 62 | Preface to the Special Issue: The evolution of fragility and vulnerability. The origin story of a preface. Bulletin of Earthquake Engineering, 0, , 1. | 4.1 | 2 |