

# Anne Kiremidjian

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11852927/publications.pdf>

Version: 2024-02-01

15  
papers

447  
citations

1039406

9  
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996533

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all docs

15  
docs citations

15  
times ranked

410  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical procedures for developing earthquake damage fragility curves. <i>Earthquake Engineering and Structural Dynamics</i> , 2015, 44, 1373-1389.	2.5	158
2	Seismic Risk Assessment of Transportation Network Systems. <i>Journal of Earthquake Engineering</i> , 2007, 11, 371-382.	1.4	81
3	Effective plans for hospital system response to earthquake emergencies. <i>Nature Communications</i> , 2020, 11, 4325.	5.8	58
4	Development of time-dependent fragility functions for deteriorating reinforced concrete bridge piers. <i>Structure and Infrastructure Engineering</i> , 2017, 13, 67-83.	2.0	27
5	Probabilistic Model for Regional Multiseverity Casualty Estimation due to Building Damage Following an Earthquake. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part A: Civil Engineering</i> , 2018, 4, .	1.1	24
6	Bayesian Updating of Earthquake Vulnerability Functions with Application to Mortality Rates. <i>Earthquake Spectra</i> , 2017, 33, 1173-1189.	1.6	21
7	Regional Multiseverity Casualty Estimation Due to Building Damage following a Mw 8.8 Earthquake Scenario in Lima, Peru. <i>Earthquake Spectra</i> , 2018, 34, 1739-1761.	1.6	20
8	A Framework and Case Study for Earthquake Vulnerability Assessment of Incrementally Expanding Buildings. <i>Earthquake Spectra</i> , 2017, 33, 1369-1384.	1.6	11
9	Statistical Modeling of Time Series for Ice Accretion Detection on Bridge Cables. <i>Journal of Cold Regions Engineering - ASCE</i> , 2018, 32, .	0.5	9
10	An agent-based financing model for post-earthquake housing recovery: Quantifying recovery inequalities across income groups. <i>Earthquake Spectra</i> , 2022, 38, 1254-1282.	1.6	9
11	The disaster resilience value of shared rooftop solar systems in residential communities. <i>Earthquake Spectra</i> , 2021, 37, 2638-2661.	1.6	8
12	Modeling housing recovery after the 2018 Lombok earthquakes using a stochastic queuing model. <i>Earthquake Spectra</i> , 2021, 37, 587-611.	1.6	7
13	Optimizing strategies for post-disaster reconstruction of school systems. <i>Reliability Engineering and System Safety</i> , 2022, 219, 108253.	5.1	7
14	Probabilistic Space- and Time-Interaction Modeling of Mainshock Earthquake Rupture Occurrence. <i>Bulletin of the Seismological Society of America</i> , 2020, 110, 2498-2518.	1.1	5
15	Bayesian Parameter Estimation for Space and Time Interacting Earthquake Rupture Model Using Historical and Physics-Based Simulated Earthquake Catalogs. <i>Bulletin of the Seismological Society of America</i> , 2021, 111, 3356-3373.	1.1	2