

Jamie Ellen Padgett

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5976976/publications.pdf>

Version: 2024-02-01

145
papers

6,363
citations

61984

43
h-index

76900

74
g-index

148
all docs

148
docs citations

148
times ranked

2648
citing authors

#	ARTICLE	IF	CITATIONS
1	Selection of optimal intensity measures in probabilistic seismic demand models of highway bridge portfolios. <i>Earthquake Engineering and Structural Dynamics</i> , 2008, 37, 711-725.	4.4	494
2	Methodology for the development of analytical fragility curves for retrofitted bridges. <i>Earthquake Engineering and Structural Dynamics</i> , 2008, 37, 1157-1174.	4.4	329
3	Aging Considerations in the Development of Time-Dependent Seismic Fragility Curves. <i>Journal of Structural Engineering</i> , 2010, 136, 1497-1511.	3.4	290
4	The promise of implementing machine learning in earthquake engineering: A state-of-the-art review. <i>Earthquake Spectra</i> , 2020, 36, 1769-1801.	3.1	228
5	DesignSafe: New Cyberinfrastructure for Natural Hazards Engineering. <i>Natural Hazards Review</i> , 2017, 18, .	1.5	195
6	Bridge Damage and Repair Costs from Hurricane Katrina. <i>Journal of Bridge Engineering</i> , 2008, 13, 6-14.	2.9	182
7	Multi-hazard risk assessment of highway bridges subjected to earthquake and hurricane hazards. <i>Engineering Structures</i> , 2014, 78, 154-166.	5.3	165
8	Sensitivity of Seismic Response and Fragility to Parameter Uncertainty. <i>Journal of Structural Engineering</i> , 2007, 133, 1710-1718.	3.4	156
9	Risk-based seismic life-cycle cost benefit (LCC-B) analysis for bridge retrofit assessment. <i>Structural Safety</i> , 2010, 32, 165-173.	5.3	154
10	Bridge Functionality Relationships for Improved Seismic Risk Assessment of Transportation Networks. <i>Earthquake Spectra</i> , 2007, 23, 115-130.	3.1	147
11	Multiple-Hazard Fragility and Restoration Models of Highway Bridges for Regional Risk and Resilience Assessment in the United States: State-of-the-Art Review. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	129
12	Surrogate modeling and failure surface visualization for efficient seismic vulnerability assessment of highway bridges. <i>Probabilistic Engineering Mechanics</i> , 2013, 34, 189-199.	2.7	126
13	Fragility curves of typical as-built highway bridges in eastern Canada. <i>Engineering Structures</i> , 2012, 40, 107-118.	5.3	106
14	Temporal evolution of seismic fragility curves for concrete box-girder bridges in California. <i>Engineering Structures</i> , 2015, 97, 29-46.	5.3	105
15	Influence of scour effects on the seismic response of reinforced concrete bridges. <i>Engineering Structures</i> , 2014, 76, 202-214.	5.3	94
16	Large scale testing of nitinol shape memory alloy devices for retrofitting of bridges. <i>Smart Materials and Structures</i> , 2008, 17, 035018.	3.5	89
17	Retrofitted Bridge Fragility Analysis for Typical Classes of Multispan Bridges. <i>Earthquake Spectra</i> , 2009, 25, 117-141.	3.1	85
18	Sustainability of Natural Hazard Risk Mitigation: Life Cycle Analysis of Environmental Indicators for Bridge Infrastructure. <i>Journal of Infrastructure Systems</i> , 2013, 19, 395-408.	1.8	83

#	ARTICLE	IF	CITATIONS
19	A comparison of pre- and post-seismic design considerations in moderate seismic zones through the fragility assessment of multispan bridge classes. <i>Engineering Structures</i> , 2012, 45, 559-573.	5.3	82
20	Maintenance and Operation of Infrastructure Systems: Review. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.4	81
21	Review of Methods to Assess, Design for, and Mitigate Multiple Hazards. <i>Journal of Performance of Constructed Facilities</i> , 2012, 26, 104-117.	2.0	80
22	Fractional order intensity measures for probabilistic seismic demand modeling applied to highway bridges. <i>Earthquake Engineering and Structural Dynamics</i> , 2012, 41, 391-409.	4.4	79
23	Efficient Longitudinal Seismic Fragility Assessment of a Multispan Continuous Steel Bridge on Liquefiable Soils. <i>Journal of Bridge Engineering</i> , 2011, 16, 93-107.	2.9	73
24	Bridge retrofit prioritisation for ageing transportation networks subject to seismic hazards. <i>Structure and Infrastructure Engineering</i> , 2013, 9, 1050-1066.	3.7	71
25	Analytical Fragility Curves for Multispan Continuous Steel Girder Bridges in Moderate Seismic Zones. <i>Transportation Research Record</i> , 2010, 2202, 173-182.	1.9	69
26	Probabilistic seismic loss assessment of aging bridges using a component-level cost estimation approach. <i>Earthquake Engineering and Structural Dynamics</i> , 2011, 40, 1743-1761.	4.4	66
27	ANCOVA-based grouping of bridge classes for seismic fragility assessment. <i>Engineering Structures</i> , 2016, 123, 379-394.	5.3	66
28	Seismic Damage Accumulation in Highway Bridges in Earthquake-Prone Regions. <i>Earthquake Spectra</i> , 2015, 31, 115-135.	3.1	62
29	Probabilistic Modeling of Bridge Deck Unseating during Hurricane Events. <i>Journal of Bridge Engineering</i> , 2013, 18, 275-286.	2.9	59
30	Impact of 2008 Hurricane Ike on Bridge Infrastructure in the Houston/Galveston Region. <i>Journal of Performance of Constructed Facilities</i> , 2012, 26, 441-452.	2.0	58
31	Regional Seismic Risk Assessment of Bridge Network in Charleston, South Carolina. <i>Journal of Earthquake Engineering</i> , 2010, 14, 918-933.	2.5	57
32	Seismic response of a bridge-soil foundation system under the combined effect of vertical and horizontal ground motions. <i>Earthquake Engineering and Structural Dynamics</i> , 2013, 42, 545-564.	4.4	55
33	Fragility curves for isolated bridges in eastern Canada using experimental results. <i>Engineering Structures</i> , 2014, 74, 311-324.	5.3	54
34	Risk-consistent calibration of load factors for the design of reinforced concrete bridges under the combined effects of earthquake and scour hazards. <i>Engineering Structures</i> , 2014, 79, 86-95.	5.3	53
35	Fragility Analysis of Skewed Single-Frame Concrete Box-Girder Bridges. <i>Journal of Performance of Constructed Facilities</i> , 2014, 28, 571-582.	2.0	52
36	Identification of the significant uncertain parameters in the seismic response of irregular bridges. <i>Engineering Structures</i> , 2017, 141, 356-372.	5.3	51

#	ARTICLE	IF	CITATIONS
37	Seismic fragilities of single-column highway bridges with rocking column-footing. <i>Earthquake Engineering and Structural Dynamics</i> , 2019, 48, 843-864.	4.4	50
38	Seismic Fragility of Concrete Gravity Dams with Spatial Variation of Angle of Friction: Case Study. <i>Journal of Structural Engineering</i> , 2016, 142, .	3.4	49
39	Probabilistic seismic demand modeling of local level response parameters of an RC frame. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 1-23.	4.1	48
40	Seismic life-cycle cost analysis of ageing highway bridges under chloride exposure conditions: modelling and recommendations. <i>Structure and Infrastructure Engineering</i> , 2018, 14, 941-966.	3.7	48
41	Investigation of multivariate seismic surrogate demand modeling for multi-response structural systems. <i>Engineering Structures</i> , 2020, 207, 110210.	5.3	47
42	Storm surge fragility assessment of above ground storage tanks. <i>Structural Safety</i> , 2018, 70, 48-58.	5.3	46
43	Fragility and risk assessment of aboveground storage tanks subjected to concurrent surge, wave, and wind loads. <i>Reliability Engineering and System Safety</i> , 2019, 191, 106571.	8.9	46
44	Seismic Reliability Assessment of Aging Highway Bridge Networks with Field Instrumentation Data and Correlated Failures, II: Application. <i>Earthquake Spectra</i> , 2014, 30, 819-843.	3.1	45
45	Seismic Reliability Assessment of Aging Highway Bridge Networks with Field Instrumentation Data and Correlated Failures, I: Methodology. <i>Earthquake Spectra</i> , 2014, 30, 795-817.	3.1	45
46	Three-dimensional nonlinear seismic performance evaluation of retrofit measures for typical steel girder bridges. <i>Engineering Structures</i> , 2008, 30, 1869-1878.	5.3	44
47	Statistical analysis of coastal bridge vulnerability based on empirical evidence from Hurricane Katrina. <i>Structure and Infrastructure Engineering</i> , 2012, 8, 595-605.	3.7	44
48	Accessibility and Recovery Assessment of Houston's Roadway Network due to Fluvial Flooding during Hurricane Harvey. <i>Natural Hazards Review</i> , 2020, 21, .	1.5	40
49	Metamodel-Based Seismic Fragility Analysis of Concrete Gravity Dams. <i>Journal of Structural Engineering</i> , 2020, 146, .	3.4	40
50	Bridge Seismic Retrofitting Practices in the Central and Southeastern United States. <i>Journal of Bridge Engineering</i> , 2011, 16, 82-92.	2.9	39
51	Response Sensitivity for Probabilistic Damage Assessment of Coastal Bridges under Surge and Wave Loading. <i>Transportation Research Record</i> , 2010, 2202, 93-101.	1.9	38
52	Influence of Vertical Ground Motions on the Seismic Fragility Modeling of a Bridge-Soil-Foundation System. <i>Earthquake Spectra</i> , 2013, 29, 937-962.	3.1	37
53	State of the Art of Multihazard Design. <i>Journal of Structural Engineering</i> , 2017, 143, .	3.4	37
54	Impacts of Hurricane Storm Surge on Infrastructure Vulnerability for an Evolving Coastal Landscape. <i>Natural Hazards Review</i> , 2018, 19, .	1.5	37

#	ARTICLE	IF	CITATIONS
55	Probabilistic models of abutment backfills for regional seismic assessment of highway bridges in California. <i>Engineering Structures</i> , 2019, 180, 452-467.	5.3	37
56	Impact of multiple component deterioration and exposure conditions on seismic vulnerability of concrete bridges. <i>Earthquake and Structures</i> , 2012, 3, 649-673.	1.0	36
57	Fragility surrogate models for coastal bridges in hurricane prone zones. <i>Engineering Structures</i> , 2015, 103, 203-213.	5.3	35
58	Fragility Analysis of Pile-Supported Wharves and Piers Exposed to Storm Surge and Waves. <i>Journal of Waterway, Port, Coastal and Ocean Engineering</i> , 2018, 144, .	1.2	35
59	Response and fragility assessment of bridge columns subjected to barge-bridge collision and scour. <i>Engineering Structures</i> , 2018, 168, 308-319.	5.3	35
60	Parameterized fragility models for multi-bridge classes subjected to hurricane loads. <i>Engineering Structures</i> , 2020, 208, 110213.	5.3	33
61	Evolution of Social Vulnerability and Risks of Chemical Spills during Storm Surge along the Houston Ship Channel. <i>Natural Hazards Review</i> , 2017, 18, .	1.5	30
62	Risk-based seismic performance assessment of Yielding Shear Panel Device. <i>Engineering Structures</i> , 2013, 56, 1570-1579.	5.3	29
63	Nonlinear dynamic analysis and seismic fragility assessment of a corrosion damaged integral bridge. <i>International Journal of Structural Integrity</i> , 2016, 7, .	3.3	29
64	Fragility and Resilience Indicators for Portfolio of Oil Storage Tanks Subjected to Hurricanes. <i>Journal of Infrastructure Systems</i> , 2018, 24, .	1.8	29
65	Limit state capacities for global performance assessment of bridges exposed to hurricane surge and wave. <i>Structural Safety</i> , 2013, 41, 73-81.	5.3	28
66	Multi-objective optimisation of bridge retrofit and post-event repair selection to enhance sustainability. <i>Structure and Infrastructure Engineering</i> , 2016, 12, 93-107.	3.7	28
67	Risk-Based Assessment of Sustainability and Hazard Resistance of Structural Design. <i>Journal of Performance of Constructed Facilities</i> , 2016, 30, .	2.0	27
68	Performance-based grouping methods of bridge classes for regional seismic risk assessment: Application of <scp>ANOVA</scp>, <scp>ANCOVA</scp>, and non-parametric approaches. <i>Earthquake Engineering and Structural Dynamics</i> , 2017, 46, 2587-2602.	4.4	27
69	Probabilistic seismic analysis of concrete dry cask structures. <i>Structural Safety</i> , 2018, 73, 87-98.	5.3	25
70	Influential fluid-structure interaction modelling parameters on the response of bridges vulnerable to coastal storms. <i>Structure and Infrastructure Engineering</i> , 2015, 11, 321-333.	3.7	22
71	Comparison between the Seismic Performance of Integral and Jointed Concrete Bridges. <i>Journal of Earthquake Engineering</i> , 2015, 19, 172-191.	2.5	22
72	Seismic Fragility of Railway Bridge Classes: Methods, Models, and Comparison with the State of the Art. <i>Journal of Bridge Engineering</i> , 2019, 24, .	2.9	22

#	ARTICLE	IF	CITATIONS
73	Fractional order optimal intensity measures for probabilistic seismic demand modeling of extended pile-shaft-supported bridges in liquefiable and laterally spreading ground. <i>Soil Dynamics and Earthquake Engineering</i> , 2019, 120, 301-315.	3.8	22
74	Decision tree based bridge restoration models for extreme event performance assessment of regional road networks. <i>Structure and Infrastructure Engineering</i> , 2020, 16, 431-451.	3.7	22
75	Characterizing and Predicting Seismic Repair Costs for Bridges. <i>Journal of Bridge Engineering</i> , 2017, 22, .	2.9	21
76	Effect of vehicle bridge interaction on seismic response and fragility of bridges. <i>Earthquake Engineering and Structural Dynamics</i> , 2018, 47, 697-713.	4.4	21
77	Probabilistic Risk Assessment of Coupled Natural-Physical-Social Systems: Cascading Impact of Hurricane-Induced Damages to Civil Infrastructure in Galveston, Texas. <i>Natural Hazards Review</i> , 2021, 22, .	1.5	21
78	Seismic Reliability Assessment of Bridges with User-Defined System Failure Events. <i>Journal of Engineering Mechanics - ASCE</i> , 2011, 137, 680-690.	2.9	20
79	Development of an Experimentally Validated Analytical Model for Modular Bridge Expansion Joint Behavior. <i>Journal of Bridge Engineering</i> , 2014, 19, 235-244.	2.9	20
80	A posteriori optimal intensity measures for probabilistic seismic demand modeling. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 681-706.	4.1	20
81	Experimental response modification of a four-span bridge retrofit with shape memory alloys. <i>Structural Control and Health Monitoring</i> , 2009, 17, n/a-n/a.	4.0	19
82	Influence of Traffic Loading on the Seismic Reliability Assessment of Highway Bridge Structures. <i>Journal of Bridge Engineering</i> , 2014, 19, .	2.9	19
83	Influence of Soil-Structure Interaction and Liquefaction on the Isolation Efficiency of a Typical Multispan Continuous Steel Girder Bridge. <i>Journal of Bridge Engineering</i> , 2014, 19, .	2.9	19
84	Influence of intensity measure selection on simulation-based regional seismic risk assessment. <i>Earthquake Spectra</i> , 2020, 36, 647-672.	3.1	19
85	Impact of Coastal Hazards on Residents's Spatial Accessibility to Health Services. <i>Journal of Infrastructure Systems</i> , 2019, 25, .	1.8	18
86	An expert opinion survey on post-hazard restoration of roadways and bridges: Data and key insights. <i>Earthquake Spectra</i> , 2020, 36, 983-1004.	3.1	18
87	Fragility Assessment for Seismically Retrofitted Skewed Reinforced Concrete Box Girder Bridges. <i>Journal of Performance of Constructed Facilities</i> , 2015, 29, .	2.0	17
88	Assessing the accessibility of petrochemical facilities during storm surge events. <i>Reliability Engineering and System Safety</i> , 2019, 188, 155-167.	8.9	17
89	Performance evaluation of natural rubber seismic isolators as a retrofit measure for typical multi-span concrete bridges in eastern Canada. <i>Engineering Structures</i> , 2014, 74, 300-310.	5.3	16
90	A Markov chain-based model for structural vulnerability assessment of corrosion-damaged reinforced concrete bridges. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2021, 379, 20200290.	3.4	16

#	ARTICLE	IF	CITATIONS
91	Explicit Time-Dependent Multi-Hazard Cost Analysis Based on Parameterized Demand Models for the Optimum Design of Bridge Structures. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2015, 30, 541-554.	9.8	15
92	Parameterized Fragility Assessment of Bridges Subjected to Pier Scour and Vehicular Loads. <i>Journal of Bridge Engineering</i> , 2018, 23, .	2.9	15
93	Disaster Risk Management Through the DesignSafe Cyberinfrastructure. <i>International Journal of Disaster Risk Science</i> , 2020, 11, 719-734.	2.9	15
94	A new mutually reinforcing network node and link ranking algorithm. <i>Scientific Reports</i> , 2015, 5, 15141.	3.3	13
95	Multivariate return period-based ground motion selection for improved hazard consistency over a vector of intensity measures. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 415-435.	4.4	13
96	Entropy-based intensity measure selection for site-specific probabilistic seismic risk assessment. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 560-579.	4.4	13
97	FOSID: a fractional order spectrum intensity for probabilistic seismic demand modeling of extended pile-shaft-supported highway bridges under liquefaction and transverse spreading. <i>Bulletin of Earthquake Engineering</i> , 2021, 19, 2531-2559.	4.1	12
98	Seismic response prediction and modeling considerations for curved and skewed concrete box-girder bridges. <i>Earthquake and Structures</i> , 2015, 9, 1153-1179.	1.0	12
99	Sustainable Infrastructure Subjected to Multiple Threats. , 2009, , .		11
100	Life Cycle Performance Metrics for Aging and Seismically Vulnerable Bridges. , 2011, , .		11
101	Probabilistic analysis of vertical concrete dry casks subjected to tip-over and aging effects. <i>Nuclear Engineering and Design</i> , 2019, 343, 232-247.	1.7	11
102	Hurricane Risk Assessment of Petroleum Infrastructure in a Changing Climate. <i>Frontiers in Built Environment</i> , 2020, 6, .	2.3	11
103	Seismic fragility of bridges: An approach coupling multiple-stripe analysis and Gaussian mixture for multicomponent structures. <i>Earthquake Spectra</i> , 2022, 38, 254-282.	3.1	11
104	Parametrized Wind-Surge-Wave Fragility Functions for Wood Utility Poles. <i>Journal of Structural Engineering</i> , 2022, 148, .	3.4	11
105	Mitigation Strategies to Protect Petrochemical Infrastructure and Nearby Communities during Storm Surge. <i>Natural Hazards Review</i> , 2018, 19, 04018019.	1.5	10
106	Fragility Analysis of Coastal Roadways and Performance Assessment of Coastal Transportation Systems Subjected to Storm Hazards. <i>Journal of Performance of Constructed Facilities</i> , 2021, 35, .	2.0	10
107	Effects of liquefiable soil and bridge modelling parameters on the seismic reliability of critical structural components. <i>Structure and Infrastructure Engineering</i> , 0, , 1-19.	3.7	9
108	A Seismic Reliability Assessment of Reinforced Concrete Integral Bridges Subject to Corrosion. <i>Key Engineering Materials</i> , 0, 569-570, 366-373.	0.4	9

#	ARTICLE	IF	CITATIONS
109	Interaction of life-cycle phases in a probabilistic life-cycle framework for civil infrastructure system sustainability. <i>Sustainable and Resilient Infrastructure</i> , 2020, 5, 289-310.	2.8	9
110	Toward confident regional seismic risk assessment of spatially distributed structural portfolios via entropy-based intensity measure selection. <i>Bulletin of Earthquake Engineering</i> , 2020, 18, 6283-6311.	4.1	9
111	Parameterized coastal fragilities and their application to aging port structures subjected to surge and wave. <i>Engineering Structures</i> , 2021, 237, 112235.	5.3	9
112	Road transportation network hazard sustainability and resilience: correlations and comparisons. <i>Structure and Infrastructure Engineering</i> , 2023, 19, 345-365.	3.7	9
113	Optimal Intensity Measures for Probabilistic Seismic Response Analysis of Bridges on Liquefiable and Non-Liquefiable Soils. , 2012, , .		8
114	A ground motion prediction equation for novel peak ground fractional order response intensity measures. <i>Bulletin of Earthquake Engineering</i> , 2017, 15, 3437-3461.	4.1	8
115	Influence of abutment straight backwall fracture on the seismic response of bridges. <i>Earthquake Engineering and Structural Dynamics</i> , 2021, 50, 1824-1844.	4.4	8
116	Accounting for Uncertainties in the Safety Assessment of Concrete Gravity Dams: A Probabilistic Approach with Sample Optimization. <i>Water (Switzerland)</i> , 2021, 13, 855.	2.7	8
117	Refined multivariate return period-based ground motion selection and implications for seismic risk assessment. <i>Structural Safety</i> , 2021, 91, 102079.	5.3	8
118	Examining the Integration of Sustainability and Natural Hazard Risk Mitigation into Life Cycle Analyses of Structures. , 2012, , .		7
119	Probabilistic fragility and resilience assessment and sensitivity analysis of bridges incorporating aftershock effects. <i>Sustainable and Resilient Infrastructure</i> , 2022, 7, 17-39.	2.8	7
120	Performance-Based Coastal Engineering Framework. <i>Frontiers in Built Environment</i> , 2021, 7, .	2.3	7
121	Analytical Fragility Models for Box Girder Bridges with and without Protective Systems. , 2009, , .		6
122	Supporting Life Cycle Management of Bridges Through Multi-Hazard Reliability and Risk Assessment. , 2016, , 41-58.		6
123	Probabilistic Seismic Response and Capacity Models of Piles for Statewide Bridges in California. <i>Journal of Structural Engineering</i> , 2021, 147, .	3.4	6
124	Surrogate modelling to enable structural assessment of collision between vertical concrete dry casks. <i>Structure and Infrastructure Engineering</i> , 2019, 15, 1137-1150.	3.7	5
125	Stiffening Ring Design for Prevention of Storm-Surge Buckling in Aboveground Storage Tanks. <i>Journal of Structural Engineering</i> , 2019, 145, .	3.4	5
126	Seismic Performance Assessment of a Retrofitted Bridge with Natural Rubber Isolators in Cold Weather Environments Using Fragility Surfaces. <i>Journal of Bridge Engineering</i> , 2022, 27, .	2.9	5

#	ARTICLE	IF	CITATIONS
127	Seismic Vulnerability of Bridges Susceptible to Spatially Distributed Soil Liquefaction Hazards. , 2009, , .		4
128	Estimating Extreme Event Resilience of Railâ€“Truck Intermodal Freight Networks: Methods, Models, and Case Study Application. Journal of Infrastructure Systems, 2022, 28, .	1.8	4
129	Recent Advances in Assessment and Mitigation of Multiple Hazards. Journal of Structural Engineering, 2017, 143, 02017001.	3.4	3
130	Fragility Assessment of Floating Roof Storage Tanks during Severe Rainfall Events. Journal of Performance of Constructed Facilities, 2020, 34, 04020101.	2.0	3
131	Laboratory Experiments of Vertical Cylinders Representative of Aboveground Storage Tanks Subjected to Waves. Journal of Structural Engineering, 2020, 146, .	3.4	3
132	Expected seismic performance of gravity dams using machine learning techniques. Bulletin of the New Zealand Society for Earthquake Engineering, 2021, 54, 58-68.	0.5	3
133	Risk-based bridge component importance measures under seismic loads. Earthquake Spectra, 2022, 38, 1683-1704.	3.1	3
134	Seismic Performance Assessment of a Passive Control Technology for Bridges Using Shape Memory Alloys. , 2008, , .		2
135	The Effects of Deteriorating Bridges on Bridges on the Bridge Network Connectivity. , 2011, , .		2
136	PROBABILISTIC MODELING OF ABOVEGROUND STORAGE TANKS UNDER SURGE AND WAVE LOADS. Coastal Engineering Proceedings, 2018, , 4.	0.1	2
137	Destructive and non-destructive evaluation of reinforced concrete dry casks affected by alkali-silica reactivity damage. Structure and Infrastructure Engineering, 2019, 15, 1404-1418.	3.7	2
138	Performance Assessment of Oil Supply Chain Infrastructure Subjected to Hurricanes. Journal of Infrastructure Systems, 2021, 27, .	1.8	2
139	Considering Time-Varying Factors and Social Vulnerabilities in Performance-Based Assessment of Coastal Communities Exposed to Hurricanes. Journal of Structural Engineering, 2022, 148, .	3.4	2
140	Post-Earthquake Restoration Modelling of a Railway Bridge Network. , 2017, , .		1
141	Augmented System Level Failure Events for Bridges under Earthquake Hazards. , 2010, , .		0
142	Closure to â€œReview of Methods to Assess, Design for, and Mitigate Multiple Hazardsâ€“by Yue Li, Aakash Ahuja, and Jamie E. Padgett. Journal of Performance of Constructed Facilities, 2013, 27, 216-216.	2.0	0
143	Effectiveness Evaluation of Seismic Protection Devices for Bridges in the PBEE Framework. , 2014, , .		0
144	Structural Upgrade Selection via Shortest-Path Algorithm Based on Life-Cycle Sustainability Metrics. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
145	Infrastructure impacts and vulnerability to coastal flood events. , 2022, , 151-165.		0