Bruce R Ellingwood

List of Publications by Year
in descending order

191	10,461	29994 54	38300 95
papers	citations	h-index	g-index

193	193	193	4408
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enhancing bridge performance following earthquakes using Markov decision process. Structure and Infrastructure Engineering, 2021, 17, 62-73.	2.0	6
2	Assessing post-hazard damage costs to a communityâ€™s residential buildings exposed to tropical cyclones. Structure and Infrastructure Engineering, 2021, 17, 443-453.	2.0	11
3	Life-cycle cost and sustainability analysis of light-frame wood residential communities exposed to tornados. Natural Hazards, 2021, 109, 523-544.	1.6	4
4	Tropical cyclone damage assessment of distributed infrastructure systems under spatially correlated wind speeds. Structural Safety, 2021, 91, 102080.	2.8	7
5	Reliability assessment framework of deteriorating reinforced concrete bridges subjected to earthquake and pier scour. Engineering Structures, 2021, 239, 112363.	2.6	15
6	Vulnerability of seaports to hurricanes and sea level rise in a changing climate: A case study for mobile, AL. Coastal Engineering, 2021, 167, 103884.	1.7	19
7	Shaping urbanization to achieve communities resilient to floods. Environmental Research Letters, 2021, 16, 094033.	2.2	19
8	Unraveling the complexity of human behavior and urbanization on community vulnerability to floods. Scientific Reports, 2021, 11, 20085.	1.6	19
9	State of the research in community resilience: progress and challenges. Sustainable and Resilient Infrastructure, 2020, 5, 131-151.	1.7	218
10	Optimal stochastic dynamic scheduling for managing community recovery from natural hazards. Reliability Engineering and System Safety, 2020, 193, 106627.	5.1	20
11	Structural Design and Robustness for Community Resilience to Natural Hazards. Journal of Structural Engineering, 2020, 146, .	1.7	3
12	Resilience of School Systems Following Severe Earthquakes. Earth's Future, 2020, 8, e2020EF001518.	2.4	12
13	Life-cycle cost and carbon footprint analysis for light-framed residential buildings subjected to tornado hazard. Journal of Building Engineering, 2020, 32, 101657.	1.6	11
14	A model for scholarly journals. Computer-Aided Civil and Infrastructure Engineering, 2020, 35, 1044-1045.	6.3	0
15	The Role of Urban Growth in Resilience of Communities Under Flood Risk. Earth's Future, 2020, 8, e2019EF001382.	2.4	63
16	Life-cycle analysis (LCA) to restore community building portfolios by building back better I: Building portfolio LCA. Structural Safety, 2020, 84, 101919.	2.8	6
17	Life-cycle analysis (LCA) to restore community building portfolios by building back better II: Decision formulation. Structural Safety, 2020, 84, 101921.	2.8	6
18	Post-earthquake modelling of transportation networks using an agent-based model. Structure and Infrastructure Engineering, 2020, 16, 1578-1592.	2.0	36

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19	Stochastic optimal control methodologies in risk-informed community resilience planning. Structural Safety, 2020, 84, 101920.	2.8	20
20	Understanding Community Resilience from a PRA Perspective Using Binary Decision Diagrams. Risk Analysis, 2019, 39, 2127-2142.	1.5	11
21	Probabilistic framework for evaluating food security of households in the aftermath of a disaster. Structure and Infrastructure Engineering, 2019, 15, 1060-1074.	2.0	24
22	Near-optimal planning using approximate dynamic programming to enhance post-hazard community resilience management. Reliability Engineering and System Safety, 2019, 181, 116-126.	5.1	40
23	The relation between cost-benefit analysis and risk acceptance in regulatory decision-making. International Journal of Risk Assessment and Management, 2019, 22, 44.	0.2	5
24	Risk-Informed Mean Recurrence Intervals for Updated Wind Maps in ASCE 7-16. Journal of Structural Engineering, 2018, 144, .	1.7	24
25	System Reliabilities of Planar Gravity Steel Frames Designed by the Inelastic Method in AISC 360-10. Journal of Structural Engineering, 2018, 144, .	1.7	16
26	Performance and risk to light-framed wood residential buildings subjected to tornadoes. Structural Safety, 2018, 70, 35-47.	2.8	11
27	De-aggregation of community resilience goals to obtain minimum performance objectives for buildings under tornado hazards. Structural Safety, 2018, 70, 82-92.	2.8	18
28	Solving Markov decision processes for network-level post-hazard recovery via simulation optimization and rollout. , 2018, , .		7
29	Reliability-Based Design Snow Loads. II: Reliability Assessment and Mapping Procedures. Journal of Structural Engineering, 2017, 143, .	1.7	13
30	Vertical Load Path Failure Risk Analysis of Residential Wood-Frame Construction in Tornadoes. Journal of Structural Engineering, 2017, 143, .	1.7	15
31	Modeling the Temporal Correlation in Hurricane Frequency for Damage Assessment of Residential Structures Subjected to Climate Change. Journal of Structural Engineering, 2017, 143, .	1.7	13
32	Reliability-based optimal load factors for seismic design of buildings. Engineering Structures, 2017, 151, 527-539.	2.6	24
33	A decision model for intergenerational life-cycle risk assessment of civil infrastructure exposed to hurricanes under climate change. Reliability Engineering and System Safety, 2017, 159, 100-107.	5.1	38
34	The Centerville Virtual Community: a fully integrated decision model of interacting physical and social infrastructure systems. Sustainable and Resilient Infrastructure, 2016, 1, 95-107.	1.7	120
35	Developing measurement science for community resilience assessment. Sustainable and Resilient Infrastructure, 2016, 1, 93-94.	1.7	7
36	Life cycle performance goals for civil infrastructure: intergenerational risk-informed decisions. Structure and Infrastructure Engineering, 2016, 12, 822-829.	2.0	31

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37	System-based design of planar steel frames, I: Reliability framework. Journal of Constructional Steel Research, 2016, 123, 135-143.	1.7	55
38	A risk de-aggregation framework that relates community resilience goals to building performance objectivess. Sustainable and Resilient Infrastructure, 2016, 1, 1-13.	1.7	37
39	System-based design of planar steel frames, II: Reliability results and design recommendations. Journal of Constructional Steel Research, 2016, 123, 154-161.	1.7	24
40	Time-dependent reliability of ageing structures: an approximate approach. Structure and Infrastructure Engineering, 2016, 12, 1566-1572.	2.0	39
41	Response of Steel Reduced Beam Section Connections Exposed to Fire. Journal of Structural Engineering, 2016, 142, .	1.7	12
42	Limit state design criteria for FRP strengthening of RC bridge components. Structural Safety, 2015, 56, 1-8.	2.8	23
43	A Decision Framework for Managing Risk to Airports from Terrorist Attack. Risk Analysis, 2015, 35, 292-306.	1.5	56
44	Wind load factors for dynamically sensitive structures with uncertainties. Engineering Structures, 2015, 103, 53-62.	2.6	14
45	Ethical discounting for civil infrastructure decisions extending over multiple generations. Structural Safety, 2015, 57, 43-52.	2.8	34
46	Time-dependent reliability of aging structures in the presence of non-stationary loads and degradation. Structural Safety, 2015, 52, 132-141.	2.8	127
47	Eurocodes and Their Implications for Bridge Design: Background, Implementation, and Comparison to North American Practice. Journal of Bridge Engineering, 2014, 19, 3-4.	1.4	3
48	Estimating nominal strength of built-up CFRP laminates from standardized specimen tests. Structural Safety, 2014, 47, 24-28.	2.8	5
49	Attitudes towards acceptance of risk to buildings from extreme winds. Structure and Infrastructure Engineering, 2014, 10, 697-707.	2.0	11
50	System reliabilities in steel structural frame design by inelastic analysis. Engineering Structures, 2014, 81, 341-348.	2.6	38
51	Post-earthquake fire performance of moment resisting frames with reduced beam section connections. Journal of Constructional Steel Research, 2014, 103, 215-229.	1.7	43
52	Performanceâ€based evaluation and strengthening of tall buildings in the Los Angeles region by using Bayesian structural reliability. Structural Design of Tall and Special Buildings, 2014, 23, 760-780.	0.9	10
53	The role of risk aversion in nuclear plant safety decisions. Structural Safety, 2013, 44, 28-36.	2.8	17
54	Seismic risk mitigation of building structures: The role of risk aversion. Structural Safety, 2013, 40, 11-19.	2.8	37

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55	Reliability assessment of steel scaffold shoring structures for concrete formwork. Engineering Structures, 2012, 36, 81-89.	2.6	46
56	Risk-averse decision-making for civil infrastructure exposed to low-probability, high-consequence events. Reliability Engineering and System Safety, 2012, 104, 27-35.	5.1	79
57	Confidence intervals for reliability indices using likelihood ratio statistics. Structural Safety, 2012, 38, 48-55.	2.8	8
58	Probabilistic Robustness Assessment of Pre-Northridge Steel Moment Resisting Frames. Journal of Structural Engineering, 2011, 137, 925-934.	1.7	34
59	Homeland security: a case study in risk aversion for public decision-making. International Journal of Risk Assessment and Management, 2011, 15, 367.	0.2	55
60	Bridge Rating Using System Reliability Assessment. I: Assessment and Verification by Load Testing. Journal of Bridge Engineering, 2011, 16, 854-862.	1.4	49
61	Disproportionate collapse performance of partially restrained steel frames with bolted T-stub connections. Engineering Structures, 2011, 33, 32-43.	2.6	18
62	An energy-based partial pushdown analysis procedure for assessment of disproportionate collapse potential. Journal of Constructional Steel Research, 2011, 67, 547-555.	1.7	73
63	Bridge Rating Using System Reliability Assessment. II: Improvements to Bridge Rating Practices. Journal of Bridge Engineering, 2011, 16, 863-871.	1.4	31
64	Uniform hazard versus uniform risk bases for performanceâ€based earthquake engineering of lightâ€frame wood construction. Earthquake Engineering and Structural Dynamics, 2010, 39, 1199-1217.	2.5	33
65	Seismic fragilities for non-ductile reinforced concrete frames â€“ Role of aleatoric and epistemic uncertainties. Structural Safety, 2010, 32, 1-12.	2.8	258
66	Comparative Assessment of Civil Infrastructure Network Performance under Probabilistic and Scenario Earthquakes. Journal of Infrastructure Systems, 2010, 16, 1-10.	1.0	32
67	Seismic Performance Assessment of Steel Frames with Shape Memory Alloy Connections, Part II â€“ Probabilistic Seismic Demand Assessment. Journal of Earthquake Engineering, 2010, 14, 631-645.	1.4	20
68	Seismic Performance Assessment of Steel Frames with Shape Memory Alloy Connections. Part I â€” Analysis and Seismic Demands. Journal of Earthquake Engineering, 2010, 14, 471-486.	1.4	72
69	Reliability-Based Evaluation of Flexural Members Strengthened with Externally Bonded Fiber-Reinforced Polymer Composites. Journal of Structural Engineering, 2010, 136, 1151-1160.	1.7	42
70	Framework for Multihazard Risk Assessment and Mitigation for Wood-Frame Residential Construction. Journal of Structural Engineering, 2009, 135, 159-168.	1.7	90
71	Counteracting Structural Loads: Treatment in ASCE Standard 7-05. Journal of Structural Engineering, 2009, 135, 94-97.	1.7	4
72	Quantifying and communicating uncertainty in seismic risk assessment. Structural Safety, 2009, 31, 179-187.	2.8	179

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73	Serviceability assessment of electrical power transmission systems under probabilistically stated seismic hazards: case study for Shelby County, Tennessee. Structure and Infrastructure Engineering, 2009, 5, 343-353.	2.0	4
74	Seismic Fragility Analysis and Retrofit of Conventional Residential Wood-Frame Structures in the Central United States. Journal of Structural Engineering, 2009, 135, 262-271.	1.7	19
75	Seismic Risk Assessment of Gravity Load Designed Reinforced Concrete Frames Subjected to Mid-America Ground Motions. Journal of Structural Engineering, 2009, 135, 414-424.	1.7	76
76	Serviceability of earthquake-damaged water systems: Effects of electrical power availability and power backup systems on system vulnerability. Reliability Engineering and System Safety, 2008, 93, 78-88.	5.1	195
77	Damage inspection and vulnerability analysis of existing buildings with steel moment-resisting frames. Engineering Structures, 2008, 30, 338-351.	2.6	32
78	Performance of Light-Frame Wood Residential Construction Subjected to Earthquakes in Regions of Moderate Seismicity. Journal of Structural Engineering, 2008, 134, 1353-1363.	1.7	42
79	Modeling Beam-Column Joints in Fragility Assessment of Gravity Load Designed Reinforced Concrete Frames. Journal of Earthquake Engineering, 2008, 12, 357-381.	1.4	98
80	Strategies for mitigating risk to buildings from abnormal load events. International Journal of Risk Assessment and Management, 2007, 7, 828.	0.2	32
81	Performance evaluation and damage assessment of steel frame buildings under main shockâ€“aftershock earthquake sequences. Earthquake Engineering and Structural Dynamics, 2007, 36, 405-427.	2.5	226
82	Fragility assessment of building structural systems in Mid-America. Earthquake Engineering and Structural Dynamics, 2007, 36, 1935-1952.	2.5	173
83	Seismic fragility assessment of steel frames for consequence-based engineering: A case study for Memphis, TN. Engineering Structures, 2007, 29, 1115-1127.	2.6	68
84	Reliability of woodframe residential construction subjected to earthquakes. Structural Safety, 2007, 29, 294-307.	2.8	62
85	Mitigating Risk from Abnormal Loads and Progressive Collapse. Journal of Performance of Constructed Facilities, 2006, 20, 315-323.	1.0	288
86	Hurricane damage to residential construction in the US: Importance of uncertainty modeling in risk assessment. Engineering Structures, 2006, 28, 1009-1018.	2.6	240
87	Statistical Characterization of Fiber-Reinforced Polymer Composite Material Properties for Structural Design. Journal of Structural Engineering, 2006, 132, 1320-1327.	1.7	73
88	Reliability-based assessment of roofs in Japan subjected to extreme snows: incorporation of site-specific data. Engineering Structures, 2005, 27, 89-95.	2.6	16
89	Solution methods and initialization techniques in SFE analysis of structural stability. Probabilistic Engineering Mechanics, 2005, 20, 179-187.	1.3	7
90	Risk-benefit-based design decisions for low-probability/high consequence earthquake events in Mid-America. Structural Control and Health Monitoring, 2005, 7, 56-70.	0.7	106

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91	Risk-informed condition assessment of civil infrastructure: state of practice and research issues. Structure and Infrastructure Engineering, 2005, 1, 7-18.	2.0	223
92	Finite Element-Based Structural Reliability Assessment Using Efficient Directional Simulation. Journal of Engineering Mechanics - ASCE, 2005, 131, 259-267.	1.6	27
93	STRUCTURAL RESPONSE AND DAMAGE ASSESSMENT BY ENHANCED UNCOUPLED MODAL RESPONSE HISTORY ANALYSIS. Journal of Earthquake Engineering, 2005, 9, 719-737.	1.4	10
94	Load Combination Requirements for Fire-resistant Structural Design. Journal of Fire Protection Engineering, 2005, 15, 43-61.	0.8	37
95	Fragility Assessment of Light-Frame Wood Construction Subjected to Wind and Earthquake Hazards. Journal of Structural Engineering, 2004, 130, 1921-1930.	1.7	276
96	A new directional simulation method for system reliability. Part I: application of deterministic point sets. Probabilistic Engineering Mechanics, 2004, 19, 425-436.	1.3	34
97	A new directional simulation method for system reliability. Part II: application of neural networks. Probabilistic Engineering Mechanics, 2004, 19, 437-447.	1.3	22
98	Seismic fragility assessment of concrete gravity dams. Earthquake Engineering and Structural Dynamics, 2003, 32, 2221-2240.	2.5	115
99	Toward Load and Resistance Factor Design for Fiber-Reinforced Polymer Composite Structures. Journal of Structural Engineering, 2003, 129, 449-458.	1.7	39
100	Performance-Based Engineering of Wood Frame Housing: Fragility Analysis Methodology. Journal of Structural Engineering, 2002, 128, 32-38.	1.7	143
101	Fragility Analysis of Concrete Gravity Dams. Journal of Infrastructure Systems, 2001, 7, 41-48.	1.0	66
102	Evaluation of crack growth in miter gate weldments using stochastic fracture mechanics. Structural Safety, 2001, 23, 445-465.	2.8	13
103	Probabilistic study of the behavior of steel frames with partially restrained connections. Engineering Structures, 2001, 23, 1410-1417.	2.6	22
104	Earthquake risk assessment of building structures. Reliability Engineering and System Safety, 2001, 74, 251-262.	5.1	226
105	Acceptable risk bases for design of structures. Structural Control and Health Monitoring, 2001, 3, 170-179.	0.7	87
106	Reliability-Based Condition Assessment of Welded Miter Gate Structures. Journal of Infrastructure Systems, 2001, 7, 95-106.	1.0	14
107	LRFD: implementing structural reliability in professional practice. Engineering Structures, 2000, 22, 106-115.	2.6	69
108	Directional methods for structural reliability analysis. Structural Safety, 2000, 22, 233-249.	2.8	211

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109	A CDM analysis of stochastic ductile damage growth and reliability. Probabilistic Engineering Mechanics, 1999, 14, 45-54.	1.3	7
110	A new CDM-based approach to structural deterioration. International Journal of Solids and Structures, 1999, 36, 1757-1779.	1.3	58
111	Seismic Reliability of Special Moment Steel Frames with Welded Connections: I. Journal of Structural Engineering, 1999, 125, 357-371.	1.7	68
112	Wind Load Statistics for Probability-Based Structural Design. Journal of Structural Engineering, 1999, 125, 453-463.	1.7	200
113	Continuum damage mechanics analysis of fatigue crack initiation. International Journal of Fatigue, 1998, 20, 631-639.	2.8	134
114	Issues related to structural aging in probabilistic risk assessment of nuclear power plants. Reliability Engineering and System Safety, 1998, 62, 171-183.	5.1	34
115	Safety assessment of structures in nuclear facilities: application of probabilistic methods. Structural Control and Health Monitoring, 1998, 1, 207-213.	0.7	1
116	Stochastic fatigue crack growth in steel structures subject to random loading. Structural Safety, 1998, 20, 303-323.	2.8	40
117	Role of non-destructive evaluation in time-dependent reliability analysis. Structural Safety, 1998, 20, 325-339.	2.8	90
118	Continuum Damage Mechanics-Based Model of Stochastic Damage Growth. Journal of Engineering Mechanics - ASCE, 1998, 124, 1000-1009.	1.6	10
119	Probability-based LRFD for engineered wood construction. Structural Safety, 1997, 19, 53-65.	2.8	19
120	Reliability-based service life assessment of concrete structures in nuclear power plants: optimum inspection and repair. Nuclear Engineering and Design, 1997, 175, 247-258.	0.8	33
121	Probability-based seismic safety evaluation of existing buildings. Engineering Structures, 1997, 19, 708-717.	2.6	9
122	Combining Snow and Earthquake Loads for Limit States Design. Journal of Structural Engineering, 1996, 122, 1364-1368.	1.7	24
123	Reliability-based condition assessment and LRFD for existing structures. Structural Safety, 1996, 18, 67-80.	2.8	92
124	SFEM for Reliability of Structures with Material Nonlinearities. Journal of Structural Engineering, 1996, 122, 701-704.	1.7	15
125	Error Measure for Reliability Studies Using Reduced Variable Set. Journal of Engineering Mechanics - ASCE, 1995, 121, 935-937.	1.6	5
126	Public Safetyâ€"Is It Compromised by New LRFD Design Standards?. Journal of Structural Engineering, 1995, 121, 142-151.	1.7	3

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127	Reliability of Reinforced-Concrete Cylindrical Shells. Journal of Structural Engineering, 1995, 121, 336-347.	1.7	20
128	Effects of Uncertain Material Properties on Structural Stability. Journal of Structural Engineering, 1995, 121, 705-716.	1.7	86
129	Guidelines to Minimize Floor Vibrations from Building Occupants. Journal of Structural Engineering, 1994, 120, 507-526.	1.7	23
130	Maintaining Reliability of Concrete Structures. II: Optimum Inspection/Repair. Journal of Structural Engineering, 1994, 120, 846-862.	1.7	110
131	Probability-based codified design: past accomplishments and future challenges. Structural Safety, 1994, 13, 159-176.	2.8	117
132	Probability-based codified design for earthquakes. Engineering Structures, 1994, 16, 498-506.	2.6	22
133	Orthogonal Series Expansions of Random Fields in Reliability Analysis. Journal of Engineering Mechanics - ASCE, 1994, 120, 2660-2677.	1.6	207
134	A new look at the response surface approach for reliability analysis. Structural Safety, 1993, 12, 205-220.	2.8	625
135	Probabilistic methods for condition assessment and life prediction of concrete structures in nuclear power plants. Nuclear Engineering and Design, 1993, 142, 155-166.	0.8	124
136	Time-dependent system reliability analysis by adaptive importance sampling. Structural Safety, 1993, 12, 59-73.	2.8	109
137	Reliabilityâ€Based Serviceâ€Life Assessment of Aging Concrete Structures. Journal of Structural Engineering, 1993, 119, 1600-1621.	1.7	246
138	Assessing Cost of Dam Failure. Journal of Water Resources Planning and Management - ASCE, 1993, 119, 64-82.	1.3	23
139	Windâ€Induced Response of Structurally Asymmetric Highâ€Rise Buildings. Journal of Structural Engineering, 1992, 118, 207-222.	1.7	21
140	Limitâ€State Interactions in Reliabilityâ€Based Design for Wood Structures. Journal of Structural Engineering, 1992, 118, 813-827.	1.7	6
141	Generation of critical stochastic earthquakes. Earthquake Engineering and Structural Dynamics, 1992, 21, 275-288.	2.5	31
142	Site-dependent models of earthquake ground motion. Earthquake Engineering and Structural Dynamics, 1992, 21, 573-589.	2.5	10
143	Formulation of load factors based on optimum reliability. Structural Safety, 1991, 9, 197-210.	2.8	54
144	Duration of Load Effects in LRFD for Wood Construction. Journal of Structural Engineering, 1991, 117, 584-599.	1.7	52

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145	System Reliability and Loadâ€Sharing Effects in Lightâ€Frame Wood Construction. Journal of Structural Engineering, 1991, 117, 1096-1114.	1.7	39
146	Critical Base Excitations of Structural Systems. Journal of Engineering Mechanics - ASCE, 1991, 117, 1403-1422.	1.6	22
147	Flexure and Shear Behavior of Concrete Beams during Fires. Journal of Structural Engineering, 1991, 117, 440-458.	1.7	90
148	Impact of Fire Exposure on Heat Transmission in Concrete Slabs. Journal of Structural Engineering, 1991, 117, 1870-1875.	1.7	9
149	Transfer function models for determining dynamic wind loads on buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1990, 36, 449-458.	1.7	4
150	Validation studies of seismic PRAs. Nuclear Engineering and Design, 1990, 123, 189-196.	0.8	49
151	Transfer Function Modeling of Dynamic Wind Loads on Buildings. Journal of Engineering Mechanics - ASCE, 1990, 116, 1473-1488.	1.6	2
152	Limit State Sensitivity of Structural Frames Subjected to Cyclic Forces. Journal of Structural Engineering, 1990, 116, 2824-2841.	1.7	2
153	Dynamic Response of Tall Buildings to Stochastic Wind Load. Journal of Structural Engineering, 1990, 116, 2982-3002.	1.7	19
154	Probabilityâ€Based Design Criteria for Nuclear Plant Structures. Journal of Structural Engineering, 1987, 113, 925-942.	1.7	26
155	Structural Load Estimates from Geographically Sparse Data. Journal of Structural Engineering, 1987, 113, 628-632.	1.7	3
156	Reliability of Nonlinear Structures with Seismic Loading. Journal of Structural Engineering, 1987, 113, 1011-1028.	1.7	25
157	Closure to â€œ Wind Induced Lateralâ€Torsional Motion of Buildings â€• by Andrew Tallin and Bruce Ellingwood (Oct., 1985). Journal of Structural Engineering, 1987, 113, 2323-2323.	1.7	0
158	Reliabilityâ€Based Code Formulations for Reinforced Concrete Buildings. Journal of Structural Engineering, 1987, 113, 2235-2252.	1.7	39
159	Serviceability Limit States: Deflection. Journal of Structural Engineering, 1986, 112, 67-84.	1.7	61
160	Probability-based design criteria for shear walls in nuclear power plants. Nuclear Engineering and Design, 1986, 97, 327-337.	0.8	2
161	Analysis of torsional moments on tall buildings. Journal of Wind Engineering and Industrial Aerodynamics, 1985, 18, 191-195.	1.7	23
162	Probabilistic descriptions of resistance of safety-related structures in nuclear plants. Nuclear Engineering and Design, 1985, 88, 169-178.	0.8	92

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163	Probabilistic models of snow loads on structures. Structural Safety, 1985, 2, 291-299.	2.8	23
164	Limit States Criteria for Masonry Construction. Journal of Structural Engineering, 1985, 111, 108-122.	1.7	20
165	Wind Induced Lateralâ€Torsional Motion of Buildings. Journal of Structural Engineering, 1985, 111, 2197-2213.	1.7	51
166	Closure to â€œ Structural Serviceability: Floor Vibrations â€•by Bruce Ellingwood and Andrew Tallin (February, 1984). Journal of Structural Engineering, 1985, 111, 1160-1161.	1.7	0
167	Statistical Tests of Environmental Load Data. Journal of Structural Engineering, 1984, 110, 1400-1404.	1.7	1
168	Serviceability Limit States: Wind Induced Vibrations. Journal of Structural Engineering, 1984, 110, 2424-2437.	1.7	33
169	Structural reliability theory and its applications. Structural Safety, 1984, 2, 162-163.	2.8	1
170	Probability Models for Annual Extreme Water-Equivalent Ground Snow. Monthly Weather Review, 1984, 112, 1153-1159.	0.5	4
171	Closure to â€œ Probability Based Load Criteria: Assessment of Current Design Practice â€•by Theodore V. Galambos, Bruce Ellingwood, James G. MacGregor, and C. Allin Cornell (May, 1982). Journal of Structural Engineering, 1983, 109, 1087-1088.	1.7	1
172	Ground Snow Loads for Structural Design. Journal of Structural Engineering, 1983, 109, 950-964.	1.7	55
173	Closure to â€œ Safety Checking Formats for Limit States Design â€•by Bruce Ellingwood (July, 1982). Journal of Structural Engineering, 1983, 109, 1525-1525.	1.7	0
174	Probability of Failure from Abnormal Load. Journal of Structural Engineering, 1983, 109, 875-890.	1.7	14
175	Probability-based criteria for structural design. Structural Safety, 1982, 1, 15-26.	2.8	153
176	Probability Based Load Criteria: Assessment of Current Design Practice. Journal of the Structural Division, 1982, 108, 959-977.	0.2	212
177	Probability Based Load Criteria: Load Factors and Load Combinations. Journal of the Structural Division, 1982, 108, 978-997.	0.2	244
178	Safety Checking Formats for Limit States Design. Journal of the Structural Division, 1982, 108, 1481-1493.	0.2	15
179	Serviceability Limit States: Connection Slip. Journal of the Structural Division, 1982, 108, 2668-2680.	0.2	8
180	Reliability of Wood Structural Elements. Journal of the Structural Division, 1981, 107, 73-87.	0.2	17

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181	Analysis of Reliability for Masonry Structures. Journal of the Structural Division, 1981, 107, 757-773.	0.2	19
182	Wind and Snow Load Statistics for Probabilistic Design. Journal of the Structural Division, 1981, 107, 1345-1354.	0.2	37
183	Effects of Fire on Reinforced Concrete Members. Journal of the Structural Division, 1980, 106, 2151-2166.	0.2	14
184	Reliability Analysis of Steel Beam-Columns. Journal of the Structural Division, 1980, 106, 2560-2564.	0.2	3
185	Reliability of Current Reinforced Concrete Designs. Journal of the Structural Division, 1979, 105, 699-712.	0.2	7
186	Reliability Based Criteria for Reinforced Concrete Design. Journal of the Structural Division, 1979, 105, 713-727.	0.2	11
187	Approaches for Design against Progressive Collapse. Journal of the Structural Division, 1978, 104, 413-423.	0.2	146
188	Reliability of RC Beams Subjected to Fire. Journal of the Structural Division, 1977, 103, 1047-1059.	0.2	15
189	Statistical Analysis of RC Beam-Column Interaction. Journal of the Structural Division, 1977, 103, 1377-1388.	0.2	24
190	Analysis of Live Loads in Office Buildings. Journal of the Structural Division, 1977, 103, 1551-1560.	0.2	56
191	Risk-Based Evaluation of Design Criteria. Journal of the Structural Division, 1974, 100, 1771-1788.	0.2	31