

Jason Ingham

List of Publications by Year in descending order

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237
papers

4,684
citations

109137

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168136

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245
all docs

245
docs citations

245
times ranked

2346
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental In-Plane Shear Strength Investigation of Reinforced Concrete Masonry Walls. Journal of Structural Engineering, 2006, 132, 400-408.	1.7	124
2	In-plane and out-of-plane testing of unreinforced masonry walls strengthened using polymer textile reinforced mortar. Engineering Structures, 2016, 118, 167-177.	2.6	118
3	The Demise of the URM Building Stock in Christchurch during the 2010-2011 Canterbury Earthquake Sequence. Earthquake Spectra, 2014, 30, 253-276.	1.6	108
4	Diagonal Compression Testing of FRP-Retrofitted Unreinforced Clay Brick Masonry Wallettes. Journal of Composites for Construction, 2011, 15, 810-820.	1.7	101
5	Performance of masonry buildings and churches in the 22 February 2011 Christchurch earthquake. Bulletin of the New Zealand Society for Earthquake Engineering, 2011, 44, 279-296.	0.2	99
6	Effects of interface material on the performance of free rocking blocks. Earthquake Engineering and Structural Dynamics, 2011, 40, 375-392.	2.5	95
7	Performance of Unreinforced Masonry Buildings During the 2010 Darfield (Christchurch, Nz) Earthquake. Australian Journal of Structural Engineering, 2010, 11, 207-224.	0.4	92
8	In-plane strengthening of clay brick unreinforced masonry wallettes using ECC shotcrete. Engineering Structures, 2014, 66, 57-65.	2.6	89
9	Uniaxial Compressive Strength and Stiffness of Field-Extracted and Laboratory-Constructed Masonry Prisms. Journal of Materials in Civil Engineering, 2014, 26, 567-575.	1.3	82
10	Diagonal shear behaviour of unreinforced masonry wallettes strengthened using twisted steel bars. Construction and Building Materials, 2011, 25, 4386-4393.	3.2	69
11	Out-of-plane strengthening of unreinforced masonry walls using near surface mounted fibre reinforced polymer strips. Engineering Structures, 2014, 59, 330-343.	2.6	66
12	Finite element analysis of the PreWEC self-centering concrete wall system. Engineering Structures, 2016, 115, 28-41.	2.6	66
13	In-Plane Strengthening of Clay Brick and Block Masonry Walls Using Textile-Reinforced Mortar. Journal of Composites for Construction, 2018, 22, .	1.7	64
14	Performance of unreinforced and retrofitted masonry buildings during the 2010 Darfield earthquake. Bulletin of the New Zealand Society for Earthquake Engineering, 2010, 43, 321-339.	0.2	64
15	Prevalence of New Zealand's unreinforced masonry buildings. Bulletin of the New Zealand Society for Earthquake Engineering, 2010, 43, 182-201.	0.2	60
16	Airbag testing of multi-leaf unreinforced masonry walls subjected to one-way bending. Engineering Structures, 2013, 57, 512-522.	2.6	58
17	Seismic behavior of RC columns flexurally strengthened with FRP sheets and FRP anchors. Composite Structures, 2018, 203, 382-395.	3.1	58
18	Simplified indexes for the seismic assessment of masonry buildings: International database and validation. Engineering Failure Analysis, 2013, 34, 585-605.	1.8	57

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19	Out-of-Plane Behavior of One-Way Spanning Unreinforced Masonry Walls. <i>Journal of Engineering Mechanics - ASCE</i> , 2013, 139, 409-417.	1.6	55
20	Digital image correlation (DIC) for measurement of strains and displacements in coarse, low volume-fraction FRP composites used in civil infrastructure. <i>Composite Structures</i> , 2019, 212, 43-57.	3.1	53
21	Efficacy of adaptive reuse for the redevelopment of underutilised historical buildings. <i>International Journal of Building Pathology and Adaptation</i> , 2018, 36, 385-407.	0.7	52
22	Light-weight concrete with artificial aggregate manufactured from plastic waste. <i>Construction and Building Materials</i> , 2020, 265, 120199.	3.2	52
23	In-Plane Orthotropic Behavior of Timber Floor Diaphragms in Unreinforced Masonry Buildings. <i>Journal of Structural Engineering</i> , 2014, 140, .	1.7	49
24	Out-of-plane Testing of Unreinforced Masonry Walls Strengthened Using ECC Shotcrete. <i>Structures</i> , 2016, 7, 33-42.	1.7	49
25	Debonding resistance of FRP-to-clay brick masonry joints. <i>Engineering Structures</i> , 2012, 41, 186-198.	2.6	48
26	Statistical Assessment of Damage to Churches Affected by the 2010â€“2011 Canterbury (New Zealand) Earthquake Sequence. <i>Journal of Earthquake Engineering</i> , 2013, 17, 73-97.	1.4	47
27	Compressive, Flexural Bond, and Shear Bond Strengths of In Situ New Zealand Unreinforced Clay Brick Masonry Constructed Using Lime Mortar between the 1880s and 1940s. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 559-566.	1.3	47
28	A performance-based framework to prioritise underutilised historical buildings for adaptive reuse interventions in New Zealand. <i>Sustainable Cities and Society</i> , 2019, 48, 101547.	5.1	43
29	Design Expression for the In-Plane Shear Strength of Reinforced Concrete Masonry. <i>Journal of Structural Engineering</i> , 2007, 133, 706-713.	1.7	42
30	In-Plane Shear Improvement of Unreinforced Masonry Wall Panels Using NSM CFRP Strips. <i>Journal of Composites for Construction</i> , 2013, 17, .	1.7	42
31	In-plane cyclic testing of precast concrete wall panels with grouted metal duct base connections. <i>Engineering Structures</i> , 2019, 184, 85-98.	2.6	41
32	Using Recycled Concrete Aggregates in New Zealand Ready-Mix Concrete Production. <i>Journal of Materials in Civil Engineering</i> , 2010, 22, 443-450.	1.3	38
33	Testing and modelling the in-plane seismic response of clay brick masonry walls with boundary columns made of precast concrete interlocking blocks. <i>Engineering Structures</i> , 2017, 131, 513-529.	2.6	38
34	Design approach for FRP spike anchors in FRP-strengthened RC structures. <i>Composite Structures</i> , 2019, 214, 23-33.	3.1	38
35	Cyclic Out-of-Plane Behavior of Slender Clay Brick Masonry Walls Seismically Strengthened Using Posttensioning. <i>Journal of Structural Engineering</i> , 2012, 138, 1255-1266.	1.7	37
36	Effect of Waste Glass on the Properties of Concrete. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, .	1.3	37

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37	Strengthening RC structures using FRP spike anchors in combination with EBR systems. Composite Structures, 2019, 209, 668-685.	3.1	37
38	Building typologies and failure modes observed in the 2015 Gorkha (Nepal) earthquake. Bulletin of the New Zealand Society for Earthquake Engineering, 2016, 49, 211-232.	0.2	37
39	Concept and Finite-Element Modeling of New Steel Shear Connectors for Self-Centering Wall Systems. Journal of Engineering Mechanics - ASCE, 2010, 136, 220-229.	1.6	36
40	In Situ Out-of-Plane Testing of As-Built and Retrofitted Unreinforced Masonry Walls. Journal of Structural Engineering, 2014, 140, .	1.7	36
41	Experimental Evaluation of Seismically and Non-Seismically Detailed External RC Beam-Column Joints. Journal of Earthquake Engineering, 2017, 21, 776-807.	1.4	36
42	Rehabilitation of earthquake damaged external RC beam-column joints by joint enlargement using prestressed steel angles. Earthquake Engineering and Structural Dynamics, 2017, 46, 291-316.	2.5	36
43	Experimental study on scale effects in clay brick masonry prisms and wall panels investigating compression and shear related properties. Construction and Building Materials, 2018, 163, 706-713.	3.2	35
44	Experimental In-Plane Strength Investigation of Reinforced Concrete Masonry Walls with Openings. Journal of Structural Engineering, 2008, 134, 758-768.	1.7	33
45	Structural Testing of Large-Scale Posttensioned Concrete Masonry Walls. Journal of Structural Engineering, 2004, 130, 1497-1505.	1.7	32
46	Diagonal tension strength of vintage unreinforced clay brick masonry wall panels. Construction and Building Materials, 2013, 43, 418-427.	3.2	32
47	Identifying parameters for a performance-based framework: Towards prioritising underutilised historical buildings for adaptive reuse in New Zealand. Cities, 2020, 102, 102756.	2.7	32
48	Challenges to successful seismic retrofit implementation: a socio-behavioural perspective. Building Research and Information, 2011, 39, 286-300.	2.0	31
49	Straight FRP anchors exhibiting fiber rupture failure mode. Composite Structures, 2019, 207, 612-624.	3.1	30
50	In-situ and laboratory based out-of-plane testing of unreinforced clay brick masonry walls strengthened using near surface mounted twisted steel bars. Construction and Building Materials, 2012, 36, 119-128.	3.2	29
51	Residual drift analyses of realistic self-centering concrete wall systems. Earthquake and Structures, 2016, 10, 409-428.	1.0	29
52	Shake Table Testing of Posttensioned Concrete Masonry Walls with Openings. Journal of Structural Engineering, 2007, 133, 1551-1559.	1.7	28
53	Vulnerability Assessment of Unreinforced Masonry Churches Following the 2010-2011 Canterbury Earthquake Sequence. Journal of Earthquake Engineering, 2017, 21, 912-934.	1.4	28
54	In Situ Out-of-Plane Testing of Unreinforced Masonry Cavity Walls in as-Built and Improved Conditions. Structures, 2015, 3, 187-199.	1.7	27

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55	Predicting Seismic Retrofit Construction Cost for Buildings with Framed Structures Using Multilinear Regression Analysis. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	26
56	Application of Artificial Neural Network Methodology for Predicting Seismic Retrofit Construction Costs. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	26
57	Experimental testing and design model for bent FRP anchors exhibiting fiber rupture failure mode. Composite Structures, 2019, 210, 618-627.	3.1	26
58	Seismic assessment of out-of-plane loaded unreinforced masonry walls in multi-storey buildings. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 119-138.	0.2	26
59	Seismic Zonation and Default Suite of Ground-Motion Records for Time-History Analysis in the North Island of New Zealand. Earthquake Spectra, 2012, 28, 667-688.	1.6	25
60	Polymer textiles as a retrofit material for masonry walls. Proceedings of the Institution of Civil Engineers: Structures and Buildings, 2014, 167, 15-25.	0.4	25
61	Constituent material properties of New Zealand unreinforced stone masonry buildings. Journal of Building Engineering, 2015, 4, 75-85.	1.6	25
62	Seismic performance of Reinforced Concrete Frame with Masonry Infill buildings in the 2010/2011 Canterbury, New Zealand earthquakes. Bulletin of Earthquake Engineering, 2019, 17, 737-757.	2.3	25
63	Material properties of existing unreinforced clay brick masonry buildings in New Zealand. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 75-96.	0.2	25
64	Panel connection details in existing New Zealand precast concrete buildings. Bulletin of the New Zealand Society for Earthquake Engineering, 2016, 49, 190-199.	0.2	25
65	Out-of-plane seismic response of vertically spanning URM walls connected to flexible diaphragms. Earthquake Engineering and Structural Dynamics, 2016, 45, 563-580.	2.5	24
66	Enhancing seismic risk mitigation decisions: a motivational approach. Construction Management and Economics, 2011, 29, 1003-1016.	1.8	23
67	Finite element modelling of unreinforced masonry shear wallettes strengthened using twisted steel bars. Construction and Building Materials, 2012, 33, 14-24.	3.2	23
68	Seismic Risk Assessment of New Zealand Unreinforced Masonry Churches using Statistical Procedures. International Journal of Architectural Heritage, 2018, 12, 448-464.	1.7	23
69	Seismic fragility assessment of nonstructural components in unreinforced clay brick masonry buildings. Earthquake Engineering and Structural Dynamics, 2020, 49, 285-300.	2.5	23
70	Residual strength assessment and destructive testing of decommissioned concrete bridge beams with corroded pretensioned reinforcement. PCI Journal, 2012, 57, 100-118.	0.4	23
71	Waste paint as an admixture in concrete. Cement and Concrete Composites, 2012, 34, 627-633.	4.6	22
72	Pullout strength of NSM CFRP strips bonded to vintage clay brick masonry. Engineering Structures, 2014, 69, 25-36.	2.6	22

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73	Field Testing of Flexible Timber Diaphragms in an Existing Vintage URM Building. Journal of Structural Engineering, 2015, 141, .	1.7	22
74	Tendon Stress in Unbonded Posttensioned Masonry Walls at Nominal In-Plane Strength. Journal of Structural Engineering, 2008, 134, 938-946.	1.7	21
75	Construction Details and Observed Earthquake Performance of Unreinforced Clay Brick Masonry Cavity-walls. Structures, 2016, 6, 159-169.	1.7	21
76	Dynamic testing of as-built clay brick unreinforced masonry parapets. Engineering Structures, 2016, 127, 676-685.	2.6	21
77	Seismic Structural Assessment of the Christchurch Catholic Basilica, New Zealand. Structures, 2018, 15, 115-130.	1.7	21
78	Predicted Versus Experimental Out-of-plane Force-displacement Behaviour of Unreinforced Masonry Walls. Structures, 2018, 15, 292-306.	1.7	21
79	Behaviour of tilt-up precast concrete buildings during the 2010/2011 Christchurch earthquakes. Structural Concrete, 2011, 12, 234-240.	1.5	20
80	Improving regulatory frameworks for earthquake risk mitigation. Building Research and Information, 2013, 41, 677-689.	2.0	20
81	Economic impediments to successful seismic retrofitting decisions. Structural Survey, 2014, 32, 449-466.	1.0	20
82	Damage Assessment of Unreinforced Stone Masonry Buildings After the 2010-2011 Canterbury Earthquakes. International Journal of Architectural Heritage, 2015, 9, 605-627.	1.7	20
83	Seismic out-of-plane retrofit of URM walls using timber strong-backs. Construction and Building Materials, 2021, 269, 121237.	3.2	20
84	Detailed seismic assessment and improvement procedure for vintage flexible timber diaphragms. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 97-118.	0.2	20
85	Bond position function between corroded reinforcement and recycled aggregate concrete using beam tests. Construction and Building Materials, 2016, 127, 518-526.	3.2	19
86	Bending behaviour of flax fabric-reinforced epoxy pipes. Composites Part A: Applied Science and Manufacturing, 2021, 140, 106179.	3.8	19
87	Lateral Force-Displacement Response of Unreinforced Masonry Walls with Flanges. Journal of Structural Engineering, 2014, 140, .	1.7	17
88	Out-of-plane Proof Testing of Masonry Infill Walls. Structures, 2018, 15, 244-258.	1.7	17
89	FRP-to-FRP bond characterization and force-based bond length model. Composite Structures, 2019, 210, 724-734.	3.1	17
90	Influence of friction-bearing devices on seismic behavior of PC shear walls with end columns. Engineering Structures, 2020, 210, 110293.	2.6	17

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91	Geometric characterisation and out-of-plane seismic stability of low-rise unreinforced brick masonry buildings in Auckland, New Zealand. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 139-156.	0.2	17
92	Performance of winery facilities during the 14 November 2016 Kaikōura earthquake. Bulletin of the New Zealand Society for Earthquake Engineering, 2017, 50, 206-224.	0.2	17
93	Mixture Design Development and Performance Verification of Structural Lightweight Pumice Aggregate Concrete. Journal of Materials in Civil Engineering, 2011, 23, 1211-1219.	1.3	16
94	Shaking table testing of as-built and retrofitted clay brick URM cavity-walls. Engineering Structures, 2016, 125, 70-79.	2.6	16
95	Out-of-plane behavior of clay brick masonry walls retrofitted with flexible deep mounted CFRP strips. Engineering Structures, 2021, 228, 111448.	2.6	16
96	An inventory of unreinforced masonry churches in New Zealand. Bulletin of the New Zealand Society for Earthquake Engineering, 2015, 48, 170-189.	0.2	16
97	Effect of the web hole size on the axial capacity of back-to-back aluminium alloy channel section columns. Engineering Structures, 2022, 260, 114238.	2.6	16
98	In-Plane Assessment of Existing Timber Diaphragms in URM Buildings via Quasi-Static and Dynamic <i>In Situ</i> Tests. Advanced Materials Research, 0, 778, 495-502.	0.3	15
99	Natural Period and Seismic Idealization of Flexible Timber Diaphragms. Earthquake Spectra, 2013, 29, 1003-1019.	1.6	15
100	In-Plane Strengthening of Unreinforced Concrete Masonry Wallettes Using ECC Shotcrete. Journal of Structural Engineering, 2014, 140, 04014081.	1.7	15
101	Experimental Cyclic Testing of URM Pier-Spandrel Substructures. Journal of Structural Engineering, 2017, 143, .	1.7	15
102	Innovative seismic design of a post-tensioned concrete masonry house This article is one of a selection of papers published in this Special Issue on Masonry.. Canadian Journal of Civil Engineering, 2007, 34, 1393-1402.	0.7	14
103	Post-earthquake Damage Simulation of Two Colonial Unreinforced Clay Brick Masonry Buildings Using the Equivalent Frame Approach. Structures, 2019, 19, 212-226.	1.7	14
104	Damage to flat-based wine storage tanks in the 2013 and 2016 New Zealand earthquakes. Journal of Constructional Steel Research, 2020, 168, 105983.	1.7	14
105	Damping considerations for rocking block dynamics using the discrete element method. Earthquake Engineering and Structural Dynamics, 2022, 51, 935-957.	2.5	14
106	Performance of precast concrete floor systems during the 2010/2011 Canterbury earthquake series. Magazine of Concrete Research, 2014, 66, 563-575.	0.9	13
107	Free-spanning and base-supported tubes subjected to combined axial compression and indentation loads. Journal of Constructional Steel Research, 2019, 161, 341-354.	1.7	13
108	Flax fabric-reinforced epoxy pipes subjected to lateral compression. Composite Structures, 2020, 244, 112307.	3.1	13

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109	Effect of waste latex paint on concrete. Cement and Concrete Composites, 2014, 46, 19-25.	4.6	12
110	Using Statistical Regression Analysis to Establish Construction Cost Models for Seismic Retrofit of Confined Masonry Buildings. Journal of Construction Engineering and Management - ASCE, 2015, 141, .	2.0	12
111	Earthquake Performance of Two Vintage URM Buildings Retrofitted Using Surface Bonded GFRP: Case Study. Journal of Composites for Construction, 2015, 19, .	1.7	12
112	Post-Earthquake Reconnaissance of Unreinforced and Retrofitted Masonry Parapets. Earthquake Spectra, 2016, 32, 2377-2397.	1.6	12
113	Finite-element assisted design of eaves joint of cold-formed steel portal frames having single channel-sections. Structures, 2019, 20, 452-464.	1.7	12
114	Testing and Modeling In-Plane Behavior of Retrofitted Timber Diaphragms. Journal of Structural Engineering, 2020, 146, .	1.7	12
115	Experimental study of flax fabric-reinforced epoxy pipes subjected to internal pressure. Composites Part A: Applied Science and Manufacturing, 2021, 147, 106445.	3.8	12
116	Application of Strut-and-Tie Concepts to Concrete Bridge Joints in Seismic Regions. PCI Journal, 2003, 48, 66-90.	0.4	12
117	Monotonic non-linear analysis of reinforced concrete knee joints using strut-and-tie computer models. Bulletin of the New Zealand Society for Earthquake Engineering, 2001, 34, 169-190.	0.2	12
118	Detecting Flushing of Thin-Sprayed Seal Pavements Using Pavement Management Data. Journal of Transportation Engineering, 2012, 138, 665-673.	0.9	11
119	Performance of Posttensioned Seismic Retrofit of Two Stone Masonry Buildings during the Canterbury Earthquakes. Journal of Performance of Constructed Facilities, 2015, 29, .	1.0	11
120	Pull-Out Behavior of Adhesive Connections in Unreinforced Masonry Walls. Earthquake Spectra, 2016, 32, 2357-2375.	1.6	11
121	Incentives and Motivators for Improving Building Resilience to Earthquake Disaster. Natural Hazards Review, 2017, 18, .	0.8	11
122	Experimental and numerical study of precast concrete columns with hybrid bolted splice connections. Structures, 2020, 28, 17-36.	1.7	11
123	Welded steel beam with novel cross-section and web openings subject to concentrated flange loading. Structures, 2020, 24, 580-599.	1.7	11
124	Tension and shear anchorage systems for limestone structures. Construction and Building Materials, 2021, 272, 121616.	3.2	11
125	A Seismic Retrofit Cost Database for Buildings with a Framed Structure. Earthquake Spectra, 2014, 30, 625-637.	1.6	10
126	Dynamic Field Testing of a Three-Span Precast-Concrete Bridge. Journal of Bridge Engineering, 2016, 21, 06016007.	1.4	10

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127	In-situ assessment of the physical and mechanical properties of vintage solid clay bricks. <i>Materials and Structures/Materiaux Et Constructions</i> , 2017, 50, 1.	1.3	10
128	Full-scale Experimental Pushover Testing of an Existing URM Building. <i>Structures</i> , 2018, 15, 66-81.	1.7	10
129	Numerical Modeling Strategies for In-Plane Behavior of Straight Sheathed Timber Diaphragms. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	10
130	Damage observations and remedial options for approximately 1500 legged and flat-based liquid storage tanks following the 2016 Kaikōura earthquake. <i>Structures</i> , 2020, 24, 357-376.	1.7	10
131	Using DEM to Investigate Boundary Conditions for Rocking URM Facades Subjected to Earthquake Motion. <i>Journal of Structural Engineering</i> , 2021, 147, .	1.7	10
132	Performance of early masonry, cob and concrete buildings in the 14 November 2016 Kaikōura earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2017, 50, 194-205.	0.2	10
133	Seismic performance of mechanically coupled reinforcing bars. <i>Magazine of Concrete Research</i> , 2009, 61, 529-537.	0.9	9
134	In-situ testing of a low intervention NSM seismic strengthening technique for historic URM buildings. <i>International Journal of Materials and Structural Integrity</i> , 2011, 5, 168.	0.1	9
135	Stabilisation of the Cathedral of the Blessed Sacrament following the Canterbury earthquakes. <i>Engineering Failure Analysis</i> , 2013, 34, 648-669.	1.8	9
136	Computed Tomography Scanning for Quantifying Chipseal Material Volumetrics. <i>Journal of Computing in Civil Engineering</i> , 2014, 28, 04014002.	2.5	9
137	Tensile Properties of an Engineered Cementitious Composite Shotcrete Mix. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	9
138	Signature Failure Modes of Pipelines Constructed of Different Materials When Subjected to Earthquakes. <i>Journal of Pipeline Systems Engineering and Practice</i> , 2016, 7, .	0.9	9
139	Rapid Identification and Taxonomical Classification of Structural Seismic Attributes in a Regionwide Commercial Building Stock. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, .	1.0	9
140	Economic effects of regulating the seismic strengthening of older buildings. <i>Building Research and Information</i> , 2018, 46, 711-724.	2.0	9
141	Typological study and statistical assessment of parameters influencing earthquake vulnerability of commercial RCFMI buildings in New Zealand. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 2011-2036.	2.3	9
142	Patterns of earthquake-related mortality at a whole-country level: New Zealand, 1840–2017. <i>Earthquake Spectra</i> , 2020, 36, 138-163.	1.6	9
143	Damage to legged wine storage tanks during the 2013 and 2016 New Zealand earthquakes. <i>Journal of Constructional Steel Research</i> , 2020, 172, 106226.	1.7	9
144	Characterisation of Adaptive Reuse Stakeholders and the Effectiveness of Collaborative Rationality Towards Building Resilient Urban Areas. <i>Systemic Practice and Action Research</i> , 2021, 34, 141-151.	1.0	9

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145	From drag to brag: The role of government grants in enhancing built heritage protection efforts in New Zealand's provincial regions. <i>Journal of Rural Studies</i> , 2021, 87, 45-57.	2.1	9
146	Influence of loading history on the response of a reinforced concrete beam. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2001, 34, 107-124.	0.2	9
147	URM bearing wall building seismic risk mitigation on the west coast of the United States. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2015, 48, 31-40.	0.2	9
148	CYCLIC RESPONSE OF BRIDGE KNEE JOINTS WITH CIRCULAR COLUMNS. <i>Journal of Earthquake Engineering</i> , 1998, 2, 357-390.	1.4	8
149	Seismic Design Criteria for Reinforcement Anchorages at Interior RC Beam-Column Joints. <i>Journal of Structural Engineering</i> , 2013, 139, 1895-1905.	1.7	8
150	Observed Performance of Residential Masonry Veneer Construction in the 2010/2011 Canterbury Earthquake Sequence. <i>Earthquake Spectra</i> , 2013, 29, 1255-1274.	1.6	8
151	Classical Temples and Industrial Stores: Survey Analysis of Historic Unreinforced Masonry (URM) Precincts to Inform Urban Seismic Risk Mitigation. <i>International Journal of Architectural Heritage</i> , 2018, 12, 1276-1296.	1.7	8
152	An evaluation of successfully seismically retrofitted URM buildings in New Zealand and their relevance to Australia. <i>Australian Journal of Structural Engineering</i> , 2018, 19, 234-244.	0.4	8
153	Shear testing of URM wallettes retrofitted with NSM steel wire rope. <i>Structures</i> , 2020, 27, 1613-1622.	1.7	8
154	Suitability of Height Amplification Factors for Seismic Assessment of Existing Unreinforced Masonry Components. <i>Journal of Earthquake Engineering</i> , 2022, 26, 1347-1366.	1.4	8
155	Strut-and-Tie Nonlinear Cyclic Analysis of Concrete Frames. <i>Journal of Structural Engineering</i> , 2009, 135, 1259-1268.	1.7	7
156	Development of a Bridge Deterioration Model in a Data-Constrained Environment. <i>Journal of Performance of Constructed Facilities</i> , 2017, 31, 04017080.	1.0	7
157	Lateral Performance of As-Built and Retrofitted Timber Diaphragm Fastener Connections. <i>Journal of Materials in Civil Engineering</i> , 2018, 30, 04017257.	1.3	7
158	Earthquake Risk Reduction Efforts in Nepal. , 2018, , 177-203.		7
159	Material property testing for the refurbishment of a historic URM building in Yangon, Myanmar. <i>Journal of Building Engineering</i> , 2019, 26, 100858.	1.6	7
160	High-speed pullout behavior of deep-mounted cfrp strips bonded with a flexible adhesive to clay brick masonry. <i>Structures</i> , 2020, 28, 1153-1172.	1.7	7
161	Numerical evaluation of a non-ductile RCFMI building subjected to the Canterbury, New Zealand Earthquakes: A case study of the St Elmo Courts building. <i>Structures</i> , 2020, 28, 991-1008.	1.7	7
162	Equivalent frame modelling of an unreinforced masonry building with flexible diaphragms. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2016, 49, 234-244.	0.2	7

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163	Seismic Performance of Face Loaded Unreinforced Masonry Walls Retrofitted Using Post-Tensioning. Australian Journal of Structural Engineering, 2010, 11, 243-252.	0.4	6
164	Seismic Vulnerability Assessment of Pakistan Unreinforced Masonry Buildings at a National Scale. Seismological Research Letters, 2011, 82, 676-685.	0.8	6
165	Nonlinear In-Plane Deformation Mechanics of Timber Floor Diaphragms in Unreinforced Masonry Buildings. Journal of Engineering Mechanics - ASCE, 2014, 140, 04013010.	1.6	6
166	Assessment of mortar properties in vintage clay brick unreinforced masonry buildings. Materials and Structures/Materiaux Et Constructions, 2016, 49, 1677-1692.	1.3	6
167	Vibration-based damage identification of an unreinforced masonry house model. Advances in Structural Engineering, 2017, 20, 331-351.	1.2	6
168	Experimental validation of seismic retrofit solutions for URM chimneys. Bulletin of Earthquake Engineering, 2018, 16, 295-313.	2.3	6
169	Unintended consequences of the earthquake-prone building legislation: An evaluation of two city centre regeneration strategies in New Zealand's provincial areas. International Journal of Disaster Risk Reduction, 2020, 49, 101644.	1.8	6
170	Seismic fragility curves for stainless-steel wine storage tanks. Structures, 2021, 33, 4766-4780.	1.7	6
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