

# Jason Ingham

## List of Publications by Year in descending order

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237  
papers

4,684  
citations

109137

35  
h-index

168136

53  
g-index

245  
all docs

245  
docs citations

245  
times ranked

2346  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Simplified Mechanics-Based Approach for the Seismic Assessment of Corroded Reinforced Concrete Structures. <i>Journal of Structural Engineering</i> , 2022, 148, .	1.7	4
3	Manufacture of Natural Fiber-reinforced Polymer Pipes. <i>Journal of Natural Fibers</i> , 2022, 19, 11246-11257.	1.7	5
4	Damping considerations for rocking block dynamics using the discrete element method. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 935-957.	2.5	14
5	Seismic rocking simulation of unreinforced masonry parapets and façades using the discrete element method. <i>Earthquake Engineering and Structural Dynamics</i> , 2022, 51, 1840-1856.	2.5	6
6	Seismic zonation and default suites of ground-motion records for time-history analysis in the South Island of New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2022, 55, 25-42.	0.2	1
7	Dynamic behaviour of flax fibre-reinforced polymer pipes subjected to harmonic excitation. <i>Journal of Composite Materials</i> , 2022, 56, 2017-2028.	1.2	2
8	Effect of the web hole size on the axial capacity of back-to-back aluminium alloy channel section columns. <i>Engineering Structures</i> , 2022, 260, 114238.	2.6	16
9	Effectiveness of unreinforced masonry seismic retrofit programmes: review of policies in New Zealand and the United States. <i>International Journal of Disaster Risk Reduction</i> , 2022, 76, 103008.	1.8	1
10	Shaking table testing of two storey As-Built and retrofitted scaled URM buildings. <i>Structures</i> , 2022, 41, 260-269.	1.7	2
11	Indentation and puncture response characteristics of flax fibre-reinforced polymer pipes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 159, 106996.	3.8	3
12	In-field dynamic response of instrumented wine tanks subjected to aftershock earthquakes. <i>Structures</i> , 2022, 41, 1637-1654.	1.7	1
13	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
14	Bending behaviour of flax fabric-reinforced epoxy pipes. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 140, 106179.	3.8	19
15	Testing of URM wall-to-diaphragm through-bolt plate anchor connections. <i>Earthquake Spectra</i> , 2021, 37, 304-323.	1.6	4
16	Pull-out behaviour of near surface mounted steel wire rope bonded to clay-brick masonry. <i>Structures</i> , 2021, 29, 199-210.	1.7	5
17	Tension and shear anchorage systems for limestone structures. <i>Construction and Building Materials</i> , 2021, 272, 121616.	3.2	11
18	Out-of-plane behavior of clay brick masonry walls retrofitted with flexible deep mounted CFRP strips. <i>Engineering Structures</i> , 2021, 228, 111448.	2.6	16

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19	Seismic out-of-plane retrofit of URM walls using timber strong-backs. <i>Construction and Building Materials</i> , 2021, 269, 121237.	3.2	20
20	Seismic performance of a retrofitted heritage unreinforced masonry building during the 2010/2011 Canterbury earthquakes. <i>Earthquake Spectra</i> , 2021, 37, 2205-2222.	1.6	2
21	Performance-based seismic assessment of an historic high-rise masonry building considering soil-structure interaction. <i>Structures</i> , 2021, 32, 38-53.	1.7	4
22	Experimental study of flax fabric-reinforced epoxy pipes subjected to internal pressure. <i>Composites Part A: Applied Science and Manufacturing</i> , 2021, 147, 106445.	3.8	12
23	Out-of-plane behaviour of clay brick masonry walls retrofitted with flexible deep mounted CFRP strips and additional single-sided FRCM overlay. <i>Structures</i> , 2021, 33, 2459-2474.	1.7	4
24	Seismic fragility curves for stainless-steel wine storage tanks. <i>Structures</i> , 2021, 33, 4766-4780.	1.7	6
25	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
26	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
27	Seismic simulation tools and methods appropriate for developing countries. <i>Structures</i> , 2021, 34, 314-326.	1.7	4
28	Seismic fragility assessment of nonstructural components in unreinforced clay brick masonry buildings. <i>Earthquake Engineering and Structural Dynamics</i> , 2020, 49, 285-300.	2.5	23
29	Testing and Modeling In-Plane Behavior of Retrofitted Timber Diaphragms. <i>Journal of Structural Engineering</i> , 2020, 146, .	1.7	12
30	Patterns of earthquake-related mortality at a whole-country level: New Zealand, 1840â€“2017. <i>Earthquake Spectra</i> , 2020, 36, 138-163.	1.6	9
31	Monotonic behaviour of post-installed mechanical anchors installed in prestressed concrete hollow-core floor units. <i>Structures</i> , 2020, 27, 1801-1808.	1.7	2
32	Experimental and numerical study of precast concrete columns with hybrid bolted splice connections. <i>Structures</i> , 2020, 28, 17-36.	1.7	11
33	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
34	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
35	Shear testing of URM wallettes retrofitted with NSM steel wire rope. <i>Structures</i> , 2020, 27, 1613-1622.	1.7	8
36	Light-weight concrete with artificial aggregate manufactured from plastic waste. <i>Construction and Building Materials</i> , 2020, 265, 120199.	3.2	52

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37	Damage assessment of catwalks following the 2016 Kaikāura earthquake. Structures, 2020, 28, 1977-1990.	1.7	1
38	Out-of-plane testing of masonry infills strengthened using fibre reinforced matrix with prior in-plane damage. International Journal of Masonry Research and Innovation, 2020, 5, 396.	0.3	0
39	Volume loss fatality model for as-built and retrofitted clay brick unreinforced masonry buildings damaged in the 2010/11 Canterbury earthquakes. Structures, 2020, 24, 940-954.	1.7	4
40	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
41	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
42	Proposed Decision-Making Framework for the Risk Management of Publicly Owned Earthquake Prone Buildings. Journal of Performance of Constructed Facilities, 2020, 34, 04020087.	1.0	1
43	Damage to legged wine storage tanks during the 2013 and 2016 New Zealand earthquakes. Journal of Constructional Steel Research, 2020, 172, 106226.	1.7	9
44	Influence of friction-bearing devices on seismic behavior of PC shear walls with end columns. Engineering Structures, 2020, 210, 110293.	2.6	17
45	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
46	Welded steel beam with novel cross-section and web openings subject to concentrated flange loading. Structures, 2020, 24, 580-599.	1.7	11
47	Damage observations and remedial options for approximately 1500 legged and flat-based liquid storage tanks following the 2016 Kaikāura earthquake. Structures, 2020, 24, 357-376.	1.7	10
48	Flax fabric-reinforced epoxy pipes subjected to lateral compression. Composite Structures, 2020, 244, 112307.	3.1	13
49	ANALYSIS OF DAMAGE DATA COLLECTED FOR WINE STORAGE TANKS FOLLOWING THE 2013 AND 2016 NEW ZEALAND EARTHQUAKES. Bulletin of the New Zealand Society for Earthquake Engineering, 2020, 53, 83-100.	0.2	4
50	Out-of-plane testing of masonry infills strengthened using fibre reinforced matrix with prior in-plane damage. International Journal of Masonry Research and Innovation, 2020, 5, 396.	0.3	0
51	Experimental Earthquake Response of Two-Storey Scaled URM Buildings. RILEM Bookseries, 2019, , 1507-1518.	0.2	0
52	Material property testing for the refurbishment of a historic URM building in Yangon, Myanmar. Journal of Building Engineering, 2019, 26, 100858.	1.6	7
53	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
54	Seismic retrofitting of Māori whareni in Aotearoa New Zealand. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190003.	1.6	1

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55	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
56	Design approach for FRP spike anchors in FRP-strengthened RC structures. <i>Composite Structures</i> , 2019, 214, 23-33.	3.1	38
57	Finite-element assisted design of eaves joint of cold-formed steel portal frames having single channel-sections. <i>Structures</i> , 2019, 20, 452-464.	1.7	12
58	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
59	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
60	FRP-to-FRP bond characterization and force-based bond length model. <i>Composite Structures</i> , 2019, 210, 724-734.	3.1	17
61	Post-earthquake Damage Simulation of Two Colonial Unreinforced Clay Brick Masonry Buildings Using the Equivalent Frame Approach. <i>Structures</i> , 2019, 19, 212-226.	1.7	14
62	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
63	Strengthening RC structures using FRP spike anchors in combination with EBR systems. <i>Composite Structures</i> , 2019, 209, 668-685.	3.1	37
64	Experimental testing and design model for bent FRP anchors exhibiting fiber rupture failure mode. <i>Composite Structures</i> , 2019, 210, 618-627.	3.1	26
65	Seismic performance of Reinforced Concrete Frame with Masonry Infill buildings in the 2010/2011 Canterbury, New Zealand earthquakes. <i>Bulletin of Earthquake Engineering</i> , 2019, 17, 737-757.	2.3	25
66	Straight FRP anchors exhibiting fiber rupture failure mode. <i>Composite Structures</i> , 2019, 207, 612-624.	3.1	30
67	Damage Observations Following the Mw 7.8 2016 Kaikoura Earthquake. <i>Geotechnical, Geological and Earthquake Engineering</i> , 2019, , 249-261.	0.1	5
68	Experimental study on scale effects in clay brick masonry prisms and wall panels investigating compression and shear related properties. <i>Construction and Building Materials</i> , 2018, 163, 706-713.	3.2	35
69	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
70	Full-scale Experimental Pushover Testing of an Existing URM Building. <i>Structures</i> , 2018, 15, 66-81.	1.7	10
71	Two-Story Perforated URM Wall Subjected to Cyclic In-Plane Loading. <i>Journal of Structural Engineering</i> , 2018, 144, .	1.7	4
72	Seismic Risk Assessment of New Zealand Unreinforced Masonry Churches using Statistical Procedures. <i>International Journal of Architectural Heritage</i> , 2018, 12, 448-464.	1.7	23

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73	Shake Table Testing of Seismically Restrained Clay-Brick Masonry Parapets. Earthquake Spectra, 2018, 34, 99-119.	1.6	2
74	Economic effects of regulating the seismic strengthening of older buildings. Building Research and Information, 2018, 46, 711-724.	2.0	9
75	Experimental validation of seismic retrofit solutions for URM chimneys. Bulletin of Earthquake Engineering, 2018, 16, 295-313.	2.3	6
76	Multidisciplinary Post-Earthquake Critique of Masonry Substation Retrofits. Earthquake Spectra, 2018, 34, 1363-1382.	1.6	3
77	Multidisciplinary Tool for Evaluating Strengthening Designs for Earthquake-Prone Buildings. Earthquake Spectra, 2018, 34, 1481-1496.	1.6	1
78	Classical Temples and Industrial Stores: Survey Analysis of Historic Unreinforced Masonry (URM) Precincts to Inform Urban Seismic Risk Mitigation. International Journal of Architectural Heritage, 2018, 12, 1276-1296.	1.7	8
79	An evaluation of successfully seismically retrofitted URM buildings in New Zealand and their relevance to Australia. Australian Journal of Structural Engineering, 2018, 19, 234-244.	0.4	8
80	Efficacy of adaptive reuse for the redevelopment of underutilised historical buildings. International Journal of Building Pathology and Adaptation, 2018, 36, 385-407.	0.7	52
81	Earthquake Risk Reduction Efforts in Nepal. , 2018, , 177-203.		7
82	In-Plane Strengthening of Clay Brick and Block Masonry Walls Using Textile-Reinforced Mortar. Journal of Composites for Construction, 2018, 22, .	1.7	64
83	Seismic Structural Assessment of the Christchurch Catholic Basilica, New Zealand. Structures, 2018, 15, 115-130.	1.7	21
84	Predicted Versus Experimental Out-of-plane Force-displacement Behaviour of Unreinforced Masonry Walls. Structures, 2018, 15, 292-306.	1.7	21
85	Seismic behavior of RC columns flexurally strengthened with FRP sheets and FRP anchors. Composite Structures, 2018, 203, 382-395.	3.1	58
86	Numerical Modeling Strategies for In-Plane Behavior of Straight Sheathed Timber Diaphragms. Journal of Structural Engineering, 2018, 144, .	1.7	10
87	Out-of-plane Proof Testing of Masonry Infill Walls. Structures, 2018, 15, 244-258.	1.7	17
88	Preparation of small to medium-sized enterprises to earthquake disaster. Bulletin of the New Zealand Society for Earthquake Engineering, 2018, 51, 171-182.	0.2	3
89	Seismic Testing of Support Connections in Deep Hollow-Core Floor Units. ACI Structural Journal, 2018, 115, .	0.3	6
90	Vibration-based damage identification of an unreinforced masonry house model. Advances in Structural Engineering, 2017, 20, 331-351.	1.2	6

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91	Experimental Evaluation of Seismically and Non-Seismically Detailed External RC Beam-Column Joints. <i>Journal of Earthquake Engineering</i> , 2017, 21, 776-807.	1.4	36
92	Incentives and Motivators for Improving Building Resilience to Earthquake Disaster. <i>Natural Hazards Review</i> , 2017, 18, .	0.8	11
93	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
94	Empirical Damage Relationships and Benefit-Cost Analysis for the Seismic Retrofit of URM Buildings. <i>Earthquake Spectra</i> , 2017, 33, 1053-1074.	1.6	5
95	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
96	Rehabilitation of earthquake damaged external RC beam-column joints by joint enlargement using prestressed steel angles. <i>Earthquake Engineering and Structural Dynamics</i> , 2017, 46, 291-316.	2.5	36
97	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
98	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
99	Vulnerability Assessment of Unreinforced Masonry Churches Following the 2010-2011 Canterbury Earthquake Sequence. <i>Journal of Earthquake Engineering</i> , 2017, 21, 912-934.	1.4	28
100	Experimental Cyclic Testing of URM Pier-Spandrel Substructures. <i>Journal of Structural Engineering</i> , 2017, 143, .	1.7	15
101	Performance of early masonry, cob and concrete buildings in the 14 November 2016 Kaikoura earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2017, 50, 194-205.	0.2	10
102	Performance of winery facilities during the 14 November 2016 Kaikoura earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2017, 50, 206-224.	0.2	17
103	In-plane and out-of-plane testing of unreinforced masonry walls strengthened using polymer textile reinforced mortar. <i>Engineering Structures</i> , 2016, 118, 167-177.	2.6	118
104	Construction Details and Observed Earthquake Performance of Unreinforced Clay Brick Masonry Cavity-walls. <i>Structures</i> , 2016, 6, 159-169.	1.7	21
105	Out-of-plane Testing of Unreinforced Masonry Walls Strengthened Using ECC Shotcrete. <i>Structures</i> , 2016, 7, 33-42.	1.7	49
106	Seismic Assessment Procedures for Flexible Timber Diaphragms. <i>Lecture Notes in Civil Engineering</i> , 2016, , 263-274.	0.3	2
107	Dynamic testing of as-built clay brick unreinforced masonry parapets. <i>Engineering Structures</i> , 2016, 127, 676-685.	2.6	21
108	Shaking table testing of as-built and retrofitted clay brick URM cavity-walls. <i>Engineering Structures</i> , 2016, 125, 70-79.	2.6	16

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109	Pull-Out Behavior of Adhesive Connections in Unreinforced Masonry Walls. <i>Earthquake Spectra</i> , 2016, 32, 2357-2375.	1.6	11
110	Dynamic Field Testing of a Three-Span Precast-Concrete Bridge. <i>Journal of Bridge Engineering</i> , 2016, 21, 06016007.	1.4	10
111	Estimating Thrust Forces Resulting from Arching Action of Clay Brick Masonry Infill. <i>Journal of Structural Engineering</i> , 2016, 142, 06016003.	1.7	1
112	Seismic risk management of a large public facilities portfolio: a New Zealand case study. <i>Facilities</i> , 2016, 34, 809-827.	0.8	2
113	Bond position function between corroded reinforcement and recycled aggregate concrete using beam tests. <i>Construction and Building Materials</i> , 2016, 127, 518-526.	3.2	19
114	Post-Earthquake Reconnaissance of Unreinforced and Retrofitted Masonry Parapets. <i>Earthquake Spectra</i> , 2016, 32, 2377-2397.	1.6	12
115	Out-of-plane seismic response of vertically spanning URM walls connected to flexible diaphragms. <i>Earthquake Engineering and Structural Dynamics</i> , 2016, 45, 563-580.	2.5	24
116	Finite element analysis of the PreWEC self-centering concrete wall system. <i>Engineering Structures</i> , 2016, 115, 28-41.	2.6	66
117	Structural Dynamic Response of an Unreinforced Masonry House using Non-Destructive Forced Vibration. <i>Journal of Earthquake Engineering</i> , 2016, 20, 1-11.	1.4	4
118	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
119	Assessment of mortar properties in vintage clay brick unreinforced masonry buildings. <i>Materials and Structures/Materiaux Et Constructions</i> , 2016, 49, 1677-1692.	1.3	6
120	Residual drift analyses of realistic self-centering concrete wall systems. <i>Earthquake and Structures</i> , 2016, 10, 409-428.	1.0	29
121	Testing of Reinforced Concrete Frames Extracted from a Building Damaged During the Canterbury Earthquakes. <i>ACI Structural Journal</i> , 2016, 113, .	0.3	2
122	Seismic assessment and improvement of unreinforced stone masonry buildings. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2016, 49, 148-174.	0.2	6
123	Panel connection details in existing New Zealand precast concrete buildings. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2016, 49, 190-199.	0.2	25
124	Building typologies and failure modes observed in the 2015 Gorkha (Nepal) earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2016, 49, 211-232.	0.2	37
125	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
126	Seismic Considerations for the Art Deco Interwar Reinforced-Concrete Buildings of Napier, New Zealand. <i>Natural Hazards Review</i> , 2015, 16, .	0.8	4



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127	Transect Survey as a Post-Disaster Global Rapid Damage Assessment Tool. <i>Earthquake Spectra</i> , 2015, 31, 2443-2457.	1.6	2
128	Damage Assessment of Unreinforced Stone Masonry Buildings After the 2010–2011 Canterbury Earthquakes. <i>International Journal of Architectural Heritage</i> , 2015, 9, 605-627.	1.7	20
129	In Situ Out-of-Plane Testing of Unreinforced Masonry Cavity Walls in as-Built and Improved Conditions. <i>Structures</i> , 2015, 3, 187-199.	1.7	27
130	Using Statistical Regression Analysis to Establish Construction Cost Models for Seismic Retrofit of Confined Masonry Buildings. <i>Journal of Construction Engineering and Management - ASCE</i> , 2015, 141, .	2.0	12
131	Earthquake Performance of Two Vintage URM Buildings Retrofitted Using Surface Bonded GFRP: Case Study. <i>Journal of Composites for Construction</i> , 2015, 19, .	1.7	12
132	Performance of Posttensioned Seismic Retrofit of Two Stone Masonry Buildings during the Canterbury Earthquakes. <i>Journal of Performance of Constructed Facilities</i> , 2015, 29, .	1.0	11
133	Field Testing of Flexible Timber Diaphragms in an Existing Vintage URM Building. <i>Journal of Structural Engineering</i> , 2015, 141, .	1.7	22
134	Constituent material properties of New Zealand unreinforced stone masonry buildings. <i>Journal of Building Engineering</i> , 2015, 4, 75-85.	1.6	25
135	Tensile Properties of an Engineered Cementitious Composite Shotcrete Mix. <i>Journal of Materials in Civil Engineering</i> , 2015, 27, .	1.3	9
136	The 2014 South Napa earthquake and its relevance for New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2015, 48, 1-30.	0.2	6
137	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
138	An inventory of unreinforced masonry churches in New Zealand. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2015, 48, 170-189.	0.2	16
139	Measured response of instrumented buildings during the 2013 Cook Strait earthquake sequence. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2015, 48, 223-234.	0.2	4
140	New Zealand contributions to the Global Earthquake Model's Earthquake Consequences Database (GEMECD). <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2015, 48, 245-263.	0.2	0
141	Integrated framework for enhancing earthquake risk mitigation decisions. <i>International Journal of Construction Supply Chain Management</i> , 2015, 5, 34-51.	0.3	4
142	Lateral Performance of Nail Connections from Century-Old Timber Floor Diaphragms. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 202-205.	1.3	5
143	Seismic Performance of a Six-Story Reinforced Concrete Masonry Building during the Canterbury Earthquake Sequence. <i>Earthquake Spectra</i> , 2014, 30, 363-381.	1.6	1
144	Quantifying the Effects of Chip Seal Volumetrics on the Occurrence of Pavement Flushing. <i>Journal of Materials in Civil Engineering</i> , 2014, 26, 04014041.	1.3	0

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145	In-Plane Strengthening of Unreinforced Concrete Masonry Wallettes Using ECC Shotcrete. Journal of Structural Engineering, 2014, 140, 04014081.	1.7	15
146	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
147	Performance of precast concrete floor systems during the 2010/2011 Canterbury earthquake series. Magazine of Concrete Research, 2014, 66, 563-575.	0.9	13
148	In Situ Out-of-Plane Testing of As-Built and Retrofitted Unreinforced Masonry Walls. Journal of Structural Engineering, 2014, 140, .	1.7	36
149	The Demise of the URM Building Stock in Christchurch during the 2010â€“2011 Canterbury Earthquake Sequence. Earthquake Spectra, 2014, 30, 253-276.	1.6	108
150	Computed Tomography Scanning for Quantifying Chipseal Material Volumetrics. Journal of Computing in Civil Engineering, 2014, 28, 04014002.	2.5	9
151	Lateral Forceâ€“Displacement Response of Unreinforced Masonry Walls with Flanges. Journal of Structural Engineering, 2014, 140, .	1.7	17
152	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
153	In-Plane Orthotropic Behavior of Timber Floor Diaphragms in Unreinforced Masonry Buildings. Journal of Structural Engineering, 2014, 140, .	1.7	49
154	Economic impediments to successful seismic retrofitting decisions. Structural Survey, 2014, 32, 449-466.	1.0	20
155	Nonlinear In-Plane Deformation Mechanics of Timber Floor Diaphragms in Unreinforced Masonry Buildings. Journal of Engineering Mechanics - ASCE, 2014, 140, 04013010.	1.6	6
156	In-plane strengthening of clay brick unreinforced masonry wallettes using ECC shotcrete. Engineering Structures, 2014, 66, 57-65.	2.6	89
157	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
158	Pullout strength of NSM CFRP strips bonded to vintage clay brick masonry. Engineering Structures, 2014, 69, 25-36.	2.6	22
159	Effect of waste latex paint on concrete. Cement and Concrete Composites, 2014, 46, 19-25.	4.6	12
160	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. Journal of Materials in Civil Engineering, 2014, 26, 559-566.	1.3	47
161	A Seismic Retrofit Cost Database for Buildings with a Framed Structure. Earthquake Spectra, 2014, 30, 625-637.	1.6	10
162	Using a multi-phase model to predict flushing of sprayed seal pavements. International Journal of Pavement Engineering, 2014, 15, 267-278.	2.2	1

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163	Effect of Waste Glass on the Properties of Concrete. Journal of Materials in Civil Engineering, 2014, 26, .	1.3	37
164	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
165	Application of Artificial Neural Network Methodology for Predicting Seismic Retrofit Construction Costs. Journal of Construction Engineering and Management - ASCE, 2014, 140, .	2.0	26
166	Using Multiple Investigative Techniques to Assess Flushing of Chip Seal Surfaces. Transportation Research Record, 2014, 2431, 42-48.	1.0	0
167	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
168	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
169	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
170	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
171	An inventory of unreinforced load-bearing stone masonry buildings in New Zealand. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 57-74.	0.2	5
172	Seismic analysis of in-plane loaded walls in unreinforced masonry buildings with flexible diaphragms. Bulletin of the New Zealand Society for Earthquake Engineering, 2014, 47, 275-289.	0.2	2
173	Seismic Design Criteria for Reinforcement Anchorages at Interior RC Beam-Column Joints. Journal of Structural Engineering, 2013, 139, 1895-1905.	1.7	8
174	Improving regulatory frameworks for earthquake risk mitigation. Building Research and Information, 2013, 41, 677-689.	2.0	20
175	Airbag testing of multi-leaf unreinforced masonry walls subjected to one-way bending. Engineering Structures, 2013, 57, 512-522.	2.6	58
176	Stabilisation of the Cathedral of the Blessed Sacrament following the Canterbury earthquakes. Engineering Failure Analysis, 2013, 34, 648-669.	1.8	9
177	Simplified indexes for the seismic assessment of masonry buildings: International database and validation. Engineering Failure Analysis, 2013, 34, 585-605.	1.8	57
178	Diagonal tension strength of vintage unreinforced clay brick masonry wall panels. Construction and Building Materials, 2013, 43, 418-427.	3.2	32
179	In-Plane Shear Improvement of Unreinforced Masonry Wall Panels Using NSM CFRP Strips. Journal of Composites for Construction, 2013, 17, .	1.7	42
180	Observed Performance of Residential Masonry Veneer Construction in the 2010/2011 Canterbury Earthquake Sequence. Earthquake Spectra, 2013, 29, 1255-1274.	1.6	8

#	ARTICLE	IF	CITATIONS
181	Time-Dependent Prestress Losses in Historic Clay Brick Masonry Walls Seismically Strengthened Using Unbonded Posttensioning. <i>Journal of Materials in Civil Engineering</i> , 2013, 25, 718-725.	1.3	3
182	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
183	Statistical Assessment of Damage to Churches Affected by the 2010-2011 Canterbury (New Zealand) Earthquake Sequence. <i>Journal of Earthquake Engineering</i> , 2013, 17, 73-97.	1.4	47
184	Natural Period and Seismic Idealization of Flexible Timber Diaphragms. <i>Earthquake Spectra</i> , 2013, 29, 1003-1019.	1.6	15
185	Development of New Zealand seismic bridge standards. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2013, 46, 201-221.	0.2	3
186	Detecting Flushing of Thin-Sprayed Seal Pavements Using Pavement Management Data. <i>Journal of Transportation Engineering</i> , 2012, 138, 665-673.	0.9	11
187	The February 2011 Christchurch Earthquake: Incorporating Transect Methodology into Rapid Damage Assessment. , 2012, , .		0
188	Performance of Retrofitted Unreinforced Masonry Buildings during the Christchurch Earthquake Sequence. , 2012, , .		2
189	Seismic Zonation and Default Suite of Ground-Motion Records for Time-History Analysis in the North Island of New Zealand. <i>Earthquake Spectra</i> , 2012, 28, 667-688.	1.6	25
190	In-situ and laboratory based out-of-plane testing of unreinforced clay brick masonry walls strengthened using near surface mounted twisted steel bars. <i>Construction and Building Materials</i> , 2012, 36, 119-128.	3.2	29
191	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
192	Waste paint as an admixture in concrete. <i>Cement and Concrete Composites</i> , 2012, 34, 627-633.	4.6	22
193	Finite element modelling of unreinforced masonry shear wallettes strengthened using twisted steel bars. <i>Construction and Building Materials</i> , 2012, 33, 14-24.	3.2	23
194	Debonding resistance of FRP-to-clay brick masonry joints. <i>Engineering Structures</i> , 2012, 41, 186-198.	2.6	48
195	Residual strength assessment and destructive testing of decommissioned concrete bridge beams with corroded pretensioned reinforcement. <i>PCI Journal</i> , 2012, 57, 100-118.	0.4	23
196	Modal identification of a bridge-abutment system using forced vibration testing. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2012, 45, 161-170.	0.2	2
197	Enhancing seismic risk mitigation decisions: a motivational approach. <i>Construction Management and Economics</i> , 2011, 29, 1003-1016.	1.8	23
198	Diagonal Compression Testing of FRP-Retrofitted Unreinforced Clay Brick Masonry Wallettes. <i>Journal of Composites for Construction</i> , 2011, 15, 810-820.	1.7	101

#	ARTICLE	IF	CITATIONS
199	Challenges to successful seismic retrofit implementation: a socio-behavioural perspective. <i>Building Research and Information</i> , 2011, 39, 286-300.	2.0	31
200	Behaviour of tilt-up precast concrete buildings during the 2010/2011 Christchurch earthquakes. <i>Structural Concrete</i> , 2011, 12, 234-240.	1.5	20
201	Effects of interface material on the performance of free rocking blocks. <i>Earthquake Engineering and Structural Dynamics</i> , 2011, 40, 375-392.	2.5	95
202	Diagonal shear behaviour of unreinforced masonry wallettes strengthened using twisted steel bars. <i>Construction and Building Materials</i> , 2011, 25, 4386-4393.	3.2	69
203	Mixture Design Development and Performance Verification of Structural Lightweight Pumice Aggregate Concrete. <i>Journal of Materials in Civil Engineering</i> , 2011, 23, 1211-1219.	1.3	16
204	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
205	Seismic Vulnerability Assessment of Pakistan Unreinforced Masonry Buildings at a National Scale. <i>Seismological Research Letters</i> , 2011, 82, 676-685.	0.8	6
206	Performance of masonry buildings and churches in the 22 February 2011 Christchurch earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2011, 44, 279-296.	0.2	99
207	Earthquake Reconnaissance: Forensic Engineering on an Urban Scale. <i>Australian Journal of Structural Engineering</i> , 2010, 11, 63-74.	0.4	4
208	Performance of Unreinforced Masonry Buildings During the 2010 Darfield (Christchurch, Nz) Earthquake. <i>Australian Journal of Structural Engineering</i> , 2010, 11, 207-224.	0.4	92
209	Seismic Performance of Face Loaded Unreinforced Masonry Walls Retrofitted Using Post-Tensioning. <i>Australian Journal of Structural Engineering</i> , 2010, 11, 243-252.	0.4	6
210	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
211	Concept and Finite-Element Modeling of New Steel Shear Connectors for Self-Centering Wall Systems. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 220-229.	1.6	36
212	Identifying an effective binder for the stabilisation of allophanic soils. <i>International Journal of Pavement Engineering</i> , 2010, 11, 223-236.	2.2	3
213	Prevalence of New Zealand's unreinforced masonry buildings. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2010, 43, 182-201.	0.2	60
214	Performance of unreinforced and retrofitted masonry buildings during the 2010 Darfield earthquake. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2010, 43, 321-339.	0.2	64
215	Prevalence of New Zealand's unreinforced masonry buildings. <i>Bulletin of the New Zealand Society for Earthquake Engineering</i> , 2010, 43, 439.	0.2	0
216	Seismic performance of mechanically coupled reinforcing bars. <i>Magazine of Concrete Research</i> , 2009, 61, 529-537.	0.9	9

#	ARTICLE	IF	CITATIONS
217	Strut-and-Tie Nonlinear Cyclic Analysis of Concrete Frames. Journal of Structural Engineering, 2009, 135, 1259-1268.	1.7	7
218	Experimental In-Plane Strength Investigation of Reinforced Concrete Masonry Walls with Openings. Journal of Structural Engineering, 2008, 134, 758-768.	1.7	33
219	Tendon Stress in Unbonded Posttensioned Masonry Walls at Nominal In-Plane Strength. Journal of Structural Engineering, 2008, 134, 938-946.	1.7	21
220	Design Expression for the In-Plane Shear Strength of Reinforced Concrete Masonry. Journal of Structural Engineering, 2007, 133, 706-713.	1.7	42
221	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
222	Shake Table Testing of Posttensioned Concrete Masonry Walls with Openings. Journal of Structural Engineering, 2007, 133, 1551-1559.	1.7	28
223	Experimental In-Plane Shear Strength Investigation of Reinforced Concrete Masonry Walls. Journal of Structural Engineering, 2006, 132, 400-408.	1.7	124
224	Structural Testing of Large-Scale Posttensioned Concrete Masonry Walls. Journal of Structural Engineering, 2004, 130, 1497-1505.	1.7	32
225	Title is missing!. Journal of Earthquake Engineering, 2003, 7, 463.	1.4	1
226	STRUT-AND-TIE COMPUTER MODELLING OF REINFORCED CONCRETE BRIDGE JOINT SYSTEMS. Journal of Earthquake Engineering, 2003, 7, 463-493.	1.4	3
227	Application of Strut-and-Tie Concepts to Concrete Bridge Joints in Seismic Regions. PCI Journal, 2003, 48, 66-90.	0.4	12
228	An assessment of parameters describing the response of a reinforced concrete beam. Bulletin of the New Zealand Society for Earthquake Engineering, 2002, 35, 1-16.	0.2	5
229	Strut-and-tie computer modelling of reinforced concrete bridge portal frames. Bulletin of the New Zealand Society for Earthquake Engineering, 2002, 35, 165-189.	0.2	1
230	Discussion: Strut and tie models for analysis/design of external beam-column joints. Magazine of Concrete Research, 2001, 53, 63-66.	0.9	5
231	Seismic Resistance of Prestressed Concrete Masonry Shear Walls. , 2001, , 1.		3
232	Influence of loading history on the response of a reinforced concrete beam. Bulletin of the New Zealand Society for Earthquake Engineering, 2001, 34, 107-124.	0.2	9
233	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
234	CYCLIC RESPONSE OF BRIDGE KNEE JOINTS WITH CIRCULAR COLUMNS. Journal of Earthquake Engineering, 1998, 2, 357-390.	1.4	8

#	ARTICLE	IF	CITATIONS
235	Seismic response of bridge knee joints having columns with interlocking spirals. Bulletin of the New Zealand Society for Earthquake Engineering, 1997, 30, 114-132.	0.2	6
236	In-Plane Assessment of Existing Timber Diaphragms in URM Buildings via Quasi-Static and Dynamic &lt;i>&lt;i>In Situ&lt;/i&lt;/i> Tests. Advanced Materials Research, 0, 778, 495-502.	0.3	15
237	SIMULATION OF SHAKE TABLE TESTS ON OUT-OF-PLANE MASONRY BUILDINGS. PART (I): DISPLACEMENT-BASED APPROACH USING SIMPLE FAILURE MECHANISMS. International Journal of Architectural Heritage, 0, , .	1.7	4