

Mark Bradford

List of Publications by Year in descending order

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2379
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Steel-Timber Composite Beam-to-Column Connections with Shear Tab. Journal of Structural Engineering, 2019, 145, . | 1.7 | 7 |
| 2 | Lateral-torsional buckling of arches under an arbitrary radial point load in a thermal environment incorporating shear deformations. Engineering Structures, 2019, 179, 189-203. | 2.6 | 18 |
| 3 | Deconstructable timber-concrete composite beams with panelised slabs: Finite element analysis. Construction and Building Materials, 2018, 163, 798-811. | 3.2 | 27 |
| 4 | Steel-timber composite beam-to-column joints: Effect of connections between timber slabs. Journal of Constructional Steel Research, 2018, 151, 132-145. | 1.7 | 23 |
| 5 | Localized loading and nonlinear instability and post-instability of fixed arches. Thin-Walled Structures, 2018, 131, 165-178. | 2.7 | 21 |
| 6 | Bolt shear connectors in grout pockets: Finite element modelling and parametric study. Construction and Building Materials, 2018, 176, 179-192. | 3.2 | 23 |
| 7 | Experimental study of steel-timber composite (STC) beam to steel column joints having a flush end-plate. Engineering Structures, 2018, 174, 906-918. | 2.6 | 26 |
| 8 | Long-Term Behavior of Continuous Composite Concrete Slabs with Steel Decking. ACI Structural Journal, 2018, 115, . | 0.3 | 11 |
| 9 | Modelling of steel-timber composite connections: Validation of finite element model and parametric study. Engineering Structures, 2017, 138, 35-49. | 2.6 | 88 |
| 10 | Dynamic response and performance of cable-stayed bridges under blast load: Effects of pylon geometry. Engineering Structures, 2017, 137, 50-66. | 2.6 | 20 |
| 11 | Experimental and numerical investigation of short-term behaviour of CLT-steel composite beams. Engineering Structures, 2017, 144, 43-57. | 2.6 | 68 |
| 12 | Numerical studies of cyclic behavior and design suggestions on triple-truss-confined buckling-restrained braces. Engineering Structures, 2017, 146, 1-17. | 2.6 | 30 |
| 13 | Numerical and experimental studies of corrugated-web-connected buckling-restrained braces. Engineering Structures, 2017, 134, 107-124. | 2.6 | 29 |
| 14 | Composite connections between CLT slab and steel beam: Experiments and empirical models. Journal of Constructional Steel Research, 2017, 138, 823-836. | 1.7 | 54 |
| 15 | In-plane nonlinear multiple equilibria and switches of equilibria of pinned-fixed arches under an arbitrary radial concentrated load. Archive of Applied Mechanics, 2017, 87, 1909-1928. | 1.2 | 20 |
| 16 | Three-dimensional constitutive modelling of arbitrarily orientated timber based on continuum damage mechanics. Finite Elements in Analysis and Design, 2017, 135, 79-90. | 1.7 | 41 |
| 17 | Theoretical and numerical studies of elastic buckling and load resistance of double cross-arm pre-tensioned cable stayed buckling-restrained braces. Engineering Structures, 2017, 153, 674-699. | 2.6 | 15 |
| 18 | Experimental and numerical studies of hysteretic response of triple-truss-confined buckling-restrained braces. Engineering Structures, 2017, 148, 157-174. | 2.6 | 24 |

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|----|--|-----|-----------|
| 19 | Flexural performance of innovative sustainable composite steel-concrete beams. <i>Engineering Structures</i> , 2017, 130, 282-296. | 2.6 | 75 |
| 20 | Computational modelling of the moment-rotation relationship for deconstructable flush end plate beam-to-column composite joints. <i>Journal of Constructional Steel Research</i> , 2017, 129, 75-92. | 1.7 | 22 |
| 21 | Nonlinear Equilibrium and Buckling of Fixed Shallow Arches Subjected to an Arbitrary Radial Concentrated Load. <i>International Journal of Structural Stability and Dynamics</i> , 2017, 17, 1750082. | 1.5 | 27 |
| 22 | 08.27: Steel-timber composite (STC) beams: Numerical simulation of long-term behaviour. <i>Ce/Papers</i> , 2017, 1, 2051-2059. | 0.1 | 12 |
| 23 | Dynamic response of cable-stayed bridge under blast load. <i>Engineering Structures</i> , 2016, 127, 719-736. | 2.6 | 38 |
| 24 | Numerical Study of Deconstructable Flush End Plate Composite Joints to Concrete-filled Steel Tubular Columns. <i>Structures</i> , 2016, 8, 130-143. | 1.7 | 26 |
| 25 | Finite element analysis of HSS semi-rigid composite joints with precast concrete slabs and demountable bolted shear connectors. <i>Finite Elements in Analysis and Design</i> , 2016, 122, 16-38. | 1.7 | 31 |
| 26 | Long-term deformations in continuous composite concrete slabs. <i>Australian Journal of Structural Engineering</i> , 2016, 17, 197-212. | 0.4 | 8 |
| 27 | Experimental and numerical study of steel-timber composite (STC) beams. <i>Journal of Constructional Steel Research</i> , 2016, 122, 367-378. | 1.7 | 87 |
| 28 | Sustainable Design of Deconstructable Steel-Concrete Composite Structures. <i>Procedia Engineering</i> , 2016, 145, 1153-1160. | 1.2 | 26 |
| 29 | Experimental study of flush end plate beam-to-column composite joints with precast slabs and deconstructable bolted shear connectors. <i>Structures</i> , 2016, 7, 43-58. | 1.7 | 39 |
| 30 | Experimental and analytical behaviour of steel-timber composite connections. <i>Construction and Building Materials</i> , 2016, 118, 63-75. | 3.2 | 82 |
| 31 | Flexural-torsional buckling of high-strength steel beams. <i>Journal of Constructional Steel Research</i> , 2016, 124, 122-131. | 1.7 | 53 |
| 32 | Experimental study of sustainable high strength steel flush end plate beam-to-column composite joints with deconstructable bolted shear connectors. <i>Engineering Structures</i> , 2016, 123, 124-140. | 2.6 | 61 |
| 33 | In-plane strength of steel arches with a sinusoidal corrugated web under a full-span uniform vertical load: Experimental and numerical investigations. <i>Engineering Structures</i> , 2016, 110, 105-115. | 2.6 | 37 |
| 34 | Available rotation capacity of composite beams with high-strength materials under sagging moment. <i>Journal of Constructional Steel Research</i> , 2016, 118, 156-168. | 1.7 | 14 |
| 35 | Load-slip behaviour of steel-cross laminated timber (CLT) composite connections. <i>Journal of Constructional Steel Research</i> , 2016, 122, 110-121. | 1.7 | 80 |
| 36 | Experimental study of composite beams having a precast geopolymer concrete slab and deconstructable bolted shear connectors. <i>Engineering Structures</i> , 2016, 114, 1-13. | 2.6 | 118 |

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|----|--|-----|-----------|
| 37 | Finite element modelling of steel-concrete composite beams with high-strength friction-grip bolt shear connectors. <i>Finite Elements in Analysis and Design</i> , 2016, 108, 54-65. | 1.7 | 77 |
| 38 | Application of RKP-FSM in the buckling and free vibration analysis of thin plates with abrupt thickness changes and internal supports. <i>International Journal for Numerical Methods in Engineering</i> , 2015, 104, 125-156. | 1.5 | 10 |
| 39 | An experimental study on out-of-plane inelastic buckling strength of fixed steel arches. <i>Engineering Structures</i> , 2015, 98, 118-127. | 2.6 | 30 |
| 40 | Analysis of thick and orthotropic rectangular laminated composite plates using a state-space-based generalised RKP-FSM. <i>Composite Structures</i> , 2015, 133, 691-706. | 3.1 | 9 |
| 41 | A state space augmented generalised RKPM for three-dimensional analysis of thick and laminated composite plates. <i>Computers and Structures</i> , 2015, 158, 225-239. | 2.4 | 9 |
| 42 | Experimental study of flush end plate beam-to-CFST column composite joints with deconstructable bolted shear connectors. <i>Engineering Structures</i> , 2015, 99, 616-630. | 2.6 | 84 |
| 43 | Effects of approximations on non-linear in-plane elastic buckling and postbuckling analyses of shallow parabolic arches. <i>Engineering Structures</i> , 2015, 101, 58-67. | 2.6 | 20 |
| 44 | Arching behaviour of precast concrete slabs in a deconstructable composite bridge deck. <i>Construction and Building Materials</i> , 2015, 87, 67-77. | 3.2 | 12 |
| 45 | Calculation of Time-Dependent Deflection of Composite Concrete Slabs: Simplified Design Approach. <i>Practice Periodical on Structural Design and Construction</i> , 2015, 20, 04014024. | 0.7 | 4 |
| 46 | Antisymmetric Post-Buckling Localization of an Infinite Column on a Nonlinear Foundation with Softening. <i>International Journal of Structural Stability and Dynamics</i> , 2015, 15, 1540028. | 1.5 | 13 |
| 47 | Investigation into long-term behaviour and stability of concrete-filled steel tubular arches. <i>Journal of Constructional Steel Research</i> , 2015, 104, 127-136. | 1.7 | 23 |
| 48 | Seismic behaviour of a through-beam connection between concrete-filled steel tubular columns and reinforced concrete beams. <i>Engineering Structures</i> , 2014, 80, 24-39. | 2.6 | 62 |
| 49 | Multiple unstable equilibrium branches and non-linear dynamic buckling of shallow arches. <i>International Journal of Non-Linear Mechanics</i> , 2014, 60, 33-45. | 1.4 | 24 |
| 50 | Longitudinal shear stress and bond-slip relationships in composite concrete slabs. <i>Engineering Structures</i> , 2014, 69, 37-48. | 2.6 | 56 |
| 51 | Effects of shape functions on flexural-torsional buckling of fixed circular arches. <i>Engineering Structures</i> , 2014, 59, 238-247. | 2.6 | 18 |
| 52 | Effects of nonlinearity and temperature field on in-plane behaviour and buckling of crown-pinned steel arches. <i>Engineering Structures</i> , 2014, 74, 1-12. | 2.6 | 15 |
| 53 | Time-Dependent Deflection of Composite Concrete Slabs. <i>ACI Structural Journal</i> , 2014, 111, . | 0.3 | 14 |
| 54 | Nonlinear dynamic buckling of pinned-fixed shallow arches under a sudden central concentrated load. <i>Nonlinear Dynamics</i> , 2013, 73, 1289-1306. | 2.7 | 30 |

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|----|--|-----|-----------|
| 55 | Elastic out-of-plane buckling load of circular steel tubular truss arches incorporating shearing effects. <i>Engineering Structures</i> , 2013, 52, 697-706. | 2.6 | 30 |
| 56 | Strength and serviceability of continuous composite slabs with deep trapezoidal steel decking and steel fibre reinforced concrete. <i>Engineering Structures</i> , 2013, 49, 866-875. | 2.6 | 42 |
| 57 | In-plane stability of preloaded shallow arches against dynamic snap-through accounting for rotational end restraints. <i>Engineering Structures</i> , 2013, 56, 1496-1510. | 2.6 | 29 |
| 58 | Flexural behaviour of composite beams with high strength steel. <i>Engineering Structures</i> , 2013, 56, 1130-1141. | 2.6 | 54 |
| 59 | Lateral-torsional elastic buckling of rotationally restrained arches with a thin-walled section under a central concentrated load. <i>Thin-Walled Structures</i> , 2013, 73, 18-26. | 2.7 | 22 |
| 60 | Nonlinear elastic analysis and buckling of pinned-fixed arches. <i>International Journal of Mechanical Sciences</i> , 2013, 68, 212-223. | 3.6 | 25 |
| 61 | Experimental investigation of the overall buckling behaviour of 960MPa high strength steel columns. <i>Journal of Constructional Steel Research</i> , 2013, 88, 256-266. | 1.7 | 162 |
| 62 | Nonlinear analysis and buckling of shallow arches with unequal rotational end restraints. <i>Engineering Structures</i> , 2013, 46, 615-630. | 2.6 | 27 |
| 63 | Five-phase composite sphere model for chloride diffusivity prediction of recycled aggregate concrete. <i>Magazine of Concrete Research</i> , 2013, 65, 573-588. | 0.9 | 36 |
| 64 | Non-linear buckling and postbuckling analysis of arches with unequal rotational end restraints under a central concentrated load. <i>International Journal of Solids and Structures</i> , 2012, 49, 3762-3773. | 1.3 | 34 |
| 65 | An efficient compound-element for potential progressive collapse analysis of steel frames with semi-rigid connections. <i>Finite Elements in Analysis and Design</i> , 2012, 60, 35-48. | 1.7 | 21 |
| 66 | Bending, buckling and vibration of size-dependent functionally graded annular microplates. <i>Composite Structures</i> , 2012, 94, 3250-3257. | 3.1 | 149 |
| 67 | Stiffness and strength degradation of steel shear walls having an arbitrarily-located opening. <i>Journal of Constructional Steel Research</i> , 2012, 79, 91-100. | 1.7 | 33 |
| 68 | Creep and shrinkage analysis of curved composite beams with partial interaction. <i>International Journal of Mechanical Sciences</i> , 2012, 58, 57-68. | 3.6 | 12 |
| 69 | Non-linear in-plane analysis and buckling of pinned-fixed shallow arches subjected to a central concentrated load. <i>International Journal of Non-Linear Mechanics</i> , 2012, 47, 118-131. | 1.4 | 37 |
| 70 | Flexural time-dependent cracking and post-cracking behaviour of FRP strengthened concrete beams. <i>International Journal of Solids and Structures</i> , 2012, 49, 1595-1607. | 1.3 | 20 |
| 71 | Effects of shrinkage on the long-term stresses and deformations of composite concrete slabs. <i>Engineering Structures</i> , 2012, 40, 9-19. | 2.6 | 50 |
| 72 | A new analytical solution for lateral-torsional buckling of arches under axial uniform compression. <i>Engineering Structures</i> , 2012, 41, 14-23. | 2.6 | 44 |

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|----|--|-----|-----------|
| 73 | Nonlinear dynamic buckling of shallow circular arches under a sudden uniform radial load. Journal of Sound and Vibration, 2012, 331, 4199-4217. | 2.1 | 18 |
| 74 | In-plane strength of concrete-filled steel tubular circular arches. Journal of Constructional Steel Research, 2012, 69, 77-94. | 1.7 | 35 |
| 75 | A new shape function for tapered three-dimensional beams with flexible connections. Journal of Constructional Steel Research, 2012, 70, 43-50. | 1.7 | 28 |
| 76 | Shrinkage Deformations of Composite Slabs with Open Trapezoidal Sheeting. Procedia Engineering, 2011, 14, 52-61. | 1.2 | 9 |
| 77 | Long-term non-linear behaviour and buckling of shallow concrete-filled steel tubular arches. International Journal of Non-Linear Mechanics, 2011, 46, 1155-1166. | 1.4 | 24 |
| 78 | Short-term behaviour of shallow thin-walled concrete dome under uniform external pressure. Thin-Walled Structures, 2011, 49, 112-120. | 2.7 | 14 |
| 79 | Treatment of slip locking for displacement-based finite element analysis of composite beam-columns. International Journal for Numerical Methods in Engineering, 2011, 85, 805-826. | 1.5 | 15 |
| 80 | Time-dependent creep and shrinkage analysis of composite beams curved in-plan. Computers and Structures, 2011, 89, 67-77. | 2.4 | 22 |
| 81 | Beam-column element for non-linear dynamic analysis of steel members subjected to blast loading. Engineering Structures, 2011, 33, 1259-1266. | 2.6 | 22 |
| 82 | Time-dependent in-plane behaviour and buckling of concrete-filled steel tubular arches. Engineering Structures, 2011, 33, 1781-1795. | 2.6 | 33 |
| 83 | Analytical Model and Experimental Study of Failure Behavior of Thin-Walled Shallow Concrete Domes. Journal of Structural Engineering, 2011, 137, 88-99. | 1.7 | 11 |
| 84 | Nonlinear Quasi-Viscoelastic Behavior of Composite Beams Curved In-Plan. Journal of Engineering Mechanics - ASCE, 2011, 137, 238-247. | 1.6 | 12 |
| 85 | Coupling of finite element and meshfree methods for locking-free analysis of shear-deformable beams and plates. Engineering Computations, 2011, 28, 1003-1027. | 0.7 | 9 |
| 86 | Long-Span Shallow Steel Arches Subjected to Fire Loading. Advances in Structural Engineering, 2010, 13, 501-511. | 1.2 | 26 |
| 87 | Creep buckling of imperfect thin-walled shallow concrete domes. Journal of Mechanics of Materials and Structures, 2010, 5, 107-128. | 0.4 | 10 |
| 88 | Generic modelling of composite steel-concrete slabs subjected to shrinkage, creep and thermal strains including partial interaction. Engineering Structures, 2010, 32, 1459-1465. | 2.6 | 46 |
| 89 | Second-order elastic finite element analysis of steel structures using a single element per member. Engineering Structures, 2010, 32, 2606-2616. | 2.6 | 17 |
| 90 | Nonlinear in-plane elastic buckling of shallow circular arches under uniform radial and thermal loading. International Journal of Mechanical Sciences, 2010, 52, 75-88. | 3.6 | 53 |

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| 91 | Non-linear inelastic analysis of steel arches at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2010, 66, 512-519. | 1.7 | 14 |
| 92 | Effects of prebuckling analyses on determining buckling loads of pin-ended circular arches. <i>Mechanics Research Communications</i> , 2010, 37, 545-553. | 1.0 | 24 |
| 93 | Elastic lateral-torsional buckling of circular arches subjected to a central concentrated load. <i>International Journal of Mechanical Sciences</i> , 2010, 52, 847-862. | 3.6 | 31 |
| 94 | Nonlinear thermoelastic analysis of composite steel-concrete arches including partial interaction and elevated temperature loading. <i>Engineering Structures</i> , 2010, 32, 3248-3257. | 2.6 | 15 |
| 95 | In-plane thermoelastic behaviour and buckling of pin-ended and fixed circular arches. <i>Engineering Structures</i> , 2010, 32, 250-260. | 2.6 | 45 |
| 96 | Nonlinear long-term behaviour of spherical shallow thin-walled concrete shells of revolution. <i>International Journal of Solids and Structures</i> , 2010, 47, 204-215. | 1.3 | 28 |
| 97 | Nonlinear Analysis of Composite Beams with Partial Interaction in Steel Frame Structures at Elevated Temperature. <i>Journal of Structural Engineering</i> , 2010, 136, 968-977. | 1.7 | 7 |
| 98 | ENERGY APPROACH FOR DYNAMIC BUCKLING OF AN UNDAMPED ARCH MODEL UNDER STEP LOADING WITH INFINITE DURATION. <i>International Journal of Structural Stability and Dynamics</i> , 2010, 10, 411-439. | 1.5 | 15 |
| 99 | Nonlinear Thermoelastic Buckling of Pin-Ended Shallow Arches under Temperature Gradient. <i>Journal of Engineering Mechanics - ASCE</i> , 2010, 136, 960-968. | 1.6 | 33 |
| 100 | Analysis of composite beams with partial interaction using the direct stiffness approach accounting for time effects. <i>International Journal for Numerical Methods in Engineering</i> , 2009, 78, 564-586. | 1.5 | 26 |
| 101 | Nonlinear elastic analysis of composite beams curved in-plan. <i>Engineering Structures</i> , 2009, 31, 1613-1624. | 2.6 | 30 |
| 102 | A steel-concrete composite beam element with material nonlinearities and partial shear interaction. <i>Finite Elements in Analysis and Design</i> , 2009, 45, 966-972. | 1.7 | 23 |
| 103 | Inelastic restrained distortional buckling of continuous composite T-beams. <i>Journal of Constructional Steel Research</i> , 2009, 65, 850-859. | 1.7 | 27 |
| 104 | Generic non-linear modelling of a bi-material composite beam with partial shear interaction. <i>International Journal of Non-Linear Mechanics</i> , 2009, 44, 290-297. | 1.4 | 11 |
| 105 | Non-linear in-plane postbuckling of arches with rotational end restraints under uniform radial loading. <i>International Journal of Non-Linear Mechanics</i> , 2009, 44, 975-989. | 1.4 | 49 |
| 106 | Full-scale tests on composite steel-concrete beams with steel trapezoidal decking. <i>Journal of Constructional Steel Research</i> , 2009, 65, 1490-1506. | 1.7 | 38 |
| 107 | Buckling failure of an unusual braced steel frame supporting an electric dust-catcher. <i>Engineering Failure Analysis</i> , 2009, 16, 2400-2407. | 1.8 | 8 |
| 108 | Second-order inelastic analysis of composite framed structures based on the refined plastic hinge method. <i>Engineering Structures</i> , 2009, 31, 799-813. | 2.6 | 33 |

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| 109 | Time-dependent and thermal behaviour of spherical shallow concrete domes. <i>Engineering Structures</i> , 2009, 31, 1919-1929. | 2.6 | 11 |
| 110 | Generic nonlinear modelling of restrained steel beams at elevated temperatures. <i>Engineering Structures</i> , 2009, 31, 2787-2796. | 2.6 | 25 |
| 111 | Thermoelastic lateral-torsional buckling of fixed slender beams under linear temperature gradient. <i>International Journal of Mechanical Sciences</i> , 2008, 50, 1183-1193. | 3.6 | 19 |
| 112 | Generic nonlinear modelling of a steel beam in a frame sub-assembly at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2008, 64, 732-736. | 1.7 | 11 |
| 113 | Dynamic buckling of shallow pin-ended arches under a sudden central concentrated load. <i>Journal of Sound and Vibration</i> , 2008, 317, 898-917. | 2.1 | 48 |
| 114 | Lateral dynamic interaction analysis of a train-girder-pier system. <i>Journal of Sound and Vibration</i> , 2008, 318, 927-942. | 2.1 | 28 |
| 115 | A simple method for the inclusion of external and internal supports in the spline finite strip method (SFSM) of buckling analysis. <i>Computers and Structures</i> , 2008, 86, 529-544. | 2.4 | 29 |
| 116 | Numerical simulation of steel pretensioned bolted end-plate connections of different types and details. <i>Engineering Structures</i> , 2008, 30, 2677-2686. | 2.6 | 124 |
| 117 | Behaviour of a T-stub assembly in steel beam-to-column connections at elevated temperatures. <i>Engineering Structures</i> , 2008, 30, 2893-2899. | 2.6 | 24 |
| 118 | Local buckling and slenderness limits for steel webs under combined bending, compression and shear at elevated temperatures. <i>Thin-Walled Structures</i> , 2008, 46, 128-146. | 2.7 | 23 |
| 119 | Elastic flexural-torsional instability of structural arches under hydrostatic pressure. <i>International Journal of Mechanical Sciences</i> , 2008, 50, 143-151. | 3.6 | 11 |
| 120 | Non-linear in-plane buckling of rotationally restrained shallow arches under a central concentrated load. <i>International Journal of Non-Linear Mechanics</i> , 2008, 43, 1-17. | 1.4 | 69 |
| 121 | In-Plane Nonlinear Buckling Analysis of Deep Circular Arches Incorporating Transverse Stresses. <i>Journal of Engineering Mechanics - ASCE</i> , 2008, 134, 362-373. | 1.6 | 16 |
| 122 | Buckling and Second-Order Effects in Dual Shear-Flexural Systems. <i>Journal of Structural Engineering</i> , 2008, 134, 1726-1732. | 1.7 | 12 |
| 123 | Analytical Solutions for Elevated-Temperature Behavior of Composite Beams with Partial Interaction. <i>Journal of Structural Engineering</i> , 2007, 133, 788-799. | 1.7 | 12 |
| 124 | In-Plane Stability of Parabolic Arches with Horizontal Spring Supports. I: Theory. <i>Journal of Structural Engineering</i> , 2007, 133, 1130-1137. | 1.7 | 36 |
| 125 | In-Plane Stability of Parabolic Arches with Horizontal Spring Supports. II: Experiments. <i>Journal of Structural Engineering</i> , 2007, 133, 1138-1145. | 1.7 | 16 |
| 126 | A rational elasto-plastic spatially curved thin-walled beam element. <i>International Journal for Numerical Methods in Engineering</i> , 2007, 70, 253-290. | 1.5 | 21 |

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| 127 | Direct stiffness analysis of a composite beam-column element with partial interaction. <i>Computers and Structures</i> , 2007, 85, 1206-1214. | 2.4 | 45 |
| 128 | Nonlinear analysis of moderately thick reinforced concrete slabs at elevated temperatures using a rectangular layered plate element with Timoshenko beam functions. <i>Engineering Structures</i> , 2007, 29, 2751-2761. | 2.6 | 25 |
| 129 | Composite beams with both longitudinal and transverse partial interaction subjected to elevated temperatures. <i>Engineering Structures</i> , 2007, 29, 2737-2750. | 2.6 | 22 |
| 130 | A layered shear-flexural plate/shell element using Timoshenko beam functions for nonlinear analysis of reinforced concrete plates. <i>Finite Elements in Analysis and Design</i> , 2007, 43, 888-900. | 1.7 | 25 |
| 131 | Nonlinear analysis and buckling of elastically supported circular shallow arches. <i>International Journal of Solids and Structures</i> , 2007, 44, 2401-2425. | 1.3 | 79 |
| 132 | Local buckling and slenderness limits for flange outstands at elevated temperatures. <i>Journal of Constructional Steel Research</i> , 2007, 63, 591-598. | 1.7 | 26 |
| 133 | Geometric and material nonlinear analyses of elastically restrained arches. <i>Engineering Structures</i> , 2007, 29, 283-295. | 2.6 | 34 |
| 134 | Flexural-torsional buckling of shallow arches with open thin-walled section under uniform radial loads. <i>Thin-Walled Structures</i> , 2007, 45, 352-362. | 2.7 | 32 |
| 135 | Numerical Study of the Nonlinear Dynamic Behaviour of Reinforced Concrete Cooling Towers under Earthquake Excitation. <i>Advances in Structural Engineering</i> , 2006, 9, 433-442. | 1.2 | 11 |
| 136 | Elastic Analysis of Straight Members at Elevated Temperatures. <i>Advances in Structural Engineering</i> , 2006, 9, 611-618. | 1.2 | 33 |
| 137 | Analytical solutions for the time-dependent behaviour of composite beams with partial interaction. <i>International Journal of Solids and Structures</i> , 2006, 43, 3770-3793. | 1.3 | 59 |
| 138 | Analysis of composite beams with partial shear interaction using available modelling techniques: A comparative study. <i>Computers and Structures</i> , 2006, 84, 930-941. | 2.4 | 48 |
| 139 | Flexural-torsional buckling of fixed steel arches under uniform bending. <i>Journal of Constructional Steel Research</i> , 2006, 62, 20-26. | 1.7 | 20 |
| 140 | The effects of partial shear connection in composite flush end plate joints Part II - Analytical study and design appraisal. <i>Journal of Constructional Steel Research</i> , 2006, 62, 391-412. | 1.7 | 28 |
| 141 | The effects of partial shear connection in composite flush end plate joints Part I - experimental study. <i>Journal of Constructional Steel Research</i> , 2006, 62, 378-390. | 1.7 | 82 |
| 142 | Elastic distortional buckling of continuously restrained I-section beam-columns. <i>Journal of Constructional Steel Research</i> , 2006, 62, 223-230. | 1.7 | 32 |
| 143 | Creep Buckling of Shallow Parabolic Concrete Arches. <i>Journal of Structural Engineering</i> , 2006, 132, 1641-1649. | 1.7 | 22 |
| 144 | Shrinkage and creep response of slender reinforced concrete columns under moment gradient: theory and test results. <i>Magazine of Concrete Research</i> , 2005, 57, 235-246. | 0.9 | 12 |

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| 145 | Nonlinear analysis of members curved in space with warping and Wagner effects. International Journal of Solids and Structures, 2005, 42, 3147-3169. | 1.3 | 17 |
| 146 | Debonding of steel plates adhesively bonded to the compression faces of RC beams. Construction and Building Materials, 2005, 19, 413-422. | 3.2 | 7 |
| 147 | A spatially curved-beam element with warping and Wagner effects. International Journal for Numerical Methods in Engineering, 2005, 63, 1342-1369. | 1.5 | 56 |
| 148 | Out-of-Plane Strength Design of Fixed Steel I-Section Arches. Journal of Structural Engineering, 2005, 131, 560-568. | 1.7 | 35 |
| 149 | Strength Analysis of Steel-Concrete Composite Beams in Combined Bending and Shear. Journal of Structural Engineering, 2005, 131, 1593-1600. | 1.7 | 92 |
| 150 | Elastic flexural-torsional buckling of fixed arches. Quarterly Journal of Mechanics and Applied Mathematics, 2004, 57, 551-569. | 0.5 | 31 |
| 151 | A direct stiffness analysis of a composite beam with partial interaction. International Journal for Numerical Methods in Engineering, 2004, 61, 657-672. | 1.5 | 110 |
| 152 | Effects of prebuckling deformations on the elastic flexural-torsional buckling of laterally fixed arches. International Journal of Mechanical Sciences, 2004, 46, 321-342. | 3.6 | 22 |
| 153 | Inelastic local buckling of flat, thin-walled structures containing thickness-tapered plates. Thin-Walled Structures, 2004, 42, 351-368. | 2.7 | 13 |
| 154 | The effects of partial shear connection in the hogging moment regions of composite beams. Journal of Constructional Steel Research, 2004, 60, 897-919. | 1.7 | 65 |
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