



Professor Huanxin Yuan



From: X.W. Chen, H.X. Yuan, X.X. Du, Y. Zhao, J. Ye and L. Yang, “Shear buckling behaviour of welded stainless steel plate girders with transverse stiffeners”, *Thin-Walled Structures*, Vol. 122, pp 529-544, January 2018

See:

<http://civ.whu.edu.cn/info/1321/4669.htm>

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Work Experience and Education Background:

2015 – present: Professor School of Civil Engineering, Wuhan University, Wuhan, China

2009 – 2014: Ph.D Civil Engineering, Tsinghua University

2012-2013: Visiting Ph.D student, Civil Engineering, Imperial College London

2005 – 2009: Bachelor of Engineering, Civil Engineering, Huazhong University

Research Interests:

Structural performance of aluminium alloy members; Test and Design of steel structures

Selected Publications:

Wang YQ, Yuan HX, Shi YJ, Zou Y. Bearing capacity of non-linear metallic spiders used in point supported glass facades [J]. *International Journal of Steel Structures*, 2012, 12(2): 191-204.

Wang YQ, Yuan HX, Shi YJ, Cheng M. Lateral-torsional buckling resistance of aluminium I-beams [J]. *Thin-Walled Structures*, 2012, 50(1): 24-36.

Yuan HX, Wang YQ, Shi YJ, Gardner L. Residual stress distributions in welded stainless steel sections [J]. *Thin-Walled Structures*, 2014(79): 38-51.

Yuan HX, Wang YQ, Shi YJ, Gardner L. Stub column tests on stainless steel built-up sections [J]. *Thin-Walled Structures*, 2014(83): 103-114.

Yuan HX, Wang YQ, Gardner L, Shi YJ. Local-overall interactive buckling of welded stainless steel box section compression members [J]. *Engineering Structures*, 2014(67): 62-76.

Yuan HX, Wang YQ, Gardner L, Du XX, Shi YJ. Local-overall interactive buckling behaviour of welded stainless steel I-section columns [J]. *Journal of Constructional Steel Research*, 2015(111): 75-87.

Yuan HX, Wang YQ, Chang T, Du XX, Bu YD, Shi YJ. Local buckling and postbuckling strength of extruded aluminium alloy stub columns with slender I-sections [J]. *Thin-Walled Structures*, 2015(90): 140-149.

H.X. Yuan, Y.Q. Wang, Y.J. Shi, L. Gardner, Residual stress distributions in welded stainless steel sections, *Thin-Walled Struct.*, 106 (2016), pp. 330-345

Y.Q. Wang, H.X. Yuan, T. Chang, X.X. Du and M. Yu, “Compressive buckling strength of extruded aluminium alloy I-section columns with fixed-pinned end conditions”, *Thin-Walled Structures*, Vol. 119, pp 396-403, October 2017

X.W. Chen, H.X. Yuan, X.X. Du, Y. Zhao, J. Ye and L. Yang, “Shear buckling behaviour of welded stainless steel plate girders with transverse stiffeners”, *Thin-Walled Structures*, Vol. 122, pp 529-544, January 2018

H.X. Yuan, X.W. Chen, M. Theofanous, Y.W. Wu, T.Y. Cao and X.X. Du, “Shear behaviour and design of diagonally stiffened stainless steel plate girders”, *Journal of Constructional Steel Research*, Vol. 153, pp 588-602, February 2019