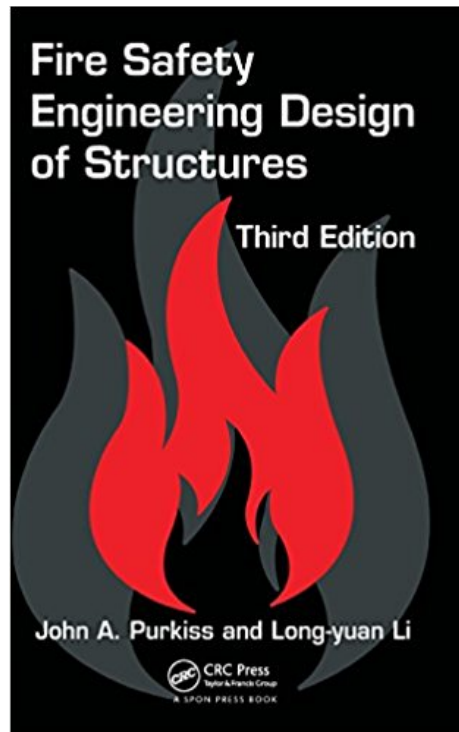




**Professor Long-yuan Li**



John A. Purkiss and Long-yuan Li, Fire Safety Engineering Design of Structures, 3<sup>rd</sup> Ed., CRC Press 2017, 452 pages

See:

<https://www.plymouth.ac.uk/staff/long-yuan-li>

<https://scholar.google.co.uk/citations?user=q79zLyoAAAAJ&hl=en>

Structural Engineering, Faculty of Science and Engineering,  
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### **Biography:**

Long-yuan Li is Professor of Structural Engineering in the School of Marine Science and Engineering at the University of Plymouth. His research interests cover the fields of structures, concrete materials, and computational mechanics. Prof Li received his PhD in Shanghai University in 1987, and after then he did postdoctoral research in Washington University (USA), Ruhr University (Germany) and University College London (UK). He started his academic career at Aston University as a Lecturer in 1996, moved to University of Birmingham in 2008. He was appointed as a Professor of Structural Engineering and the Director of Research Centre for Advanced Engineering Systems and Interactions by University of Plymouth in 2011. Prof Li is a member of editorial boards of journals including “Cement and Concrete Composites”, “Magazine of Concrete Research” and “Applied Mathematics and Mechanics”. He is a Fellow of the UK Institution of Structural Engineers and a member of the UK Society for Computational Mechanics in Engineering, the UK Concrete Society, and the International Society for Interaction of Mechanics and Mathematics.

### **Education:**

BEng (1982); MSc (1984); PhD (1987)

### **Research Interests:**

**Selected Publications:**

**Book:**

John A. Purkiss and Long-yuan Li, Fire Safety Engineering Design of Structures, 3<sup>rd</sup> Ed., CRC Press 2017, 452 pages

**Journal Articles, etc.**

Li Long-yuan, and Loo Wen-da, Analysis of free vibration and response to turbulent wind of hyperbolic cooling towers by ring-stiffeners, Proc. of the Int. Symp. on Membrane Structures and Space Frames, JAMAP, Sept. (1986)

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Long-yuan Li and Roger Kettle, "Nonlinear bending response and buckling of ring-stiffened cylindrical shells under pure bending", International Journal of Solids and Structures, Vol. 39, No. 3, February 2002, pp. 765-781

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Chu, X.-t., Ye, Z.-m., Li, L.-y., Kettle, R. (2006), Local and distortional buckling of cold-formed zed-section beams under uniformly distributed transverse loads, International Journal of Mechanical Sciences, Vol. 48, pp. 378-388

Li, L.-y. (2009), Analyses of distortional buckling of cold-formed sigma purlins using EN1993-1-3, *Journal of Constructional Steel Research*, Vol. 65, Issue 12, pp. 2099-2102.

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