

Alternative approach to buckling of square hollow section steel columns in fire

Kervalishvili, Andrei; Talvik, Ivar Journal of constructional steel research 2014 / p. 140-150 : ill <https://doi.org/10.1016/j.jcsr.2013.11.018>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Computationally efficient method for steel column buckling in fire

Kervalishvili, Andrei; Talvik, Ivar Buildings 2023 / 19 p <https://doi.org/10.3390/buildings13020407> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of residual stress on the stability of steel columns at elevated temperatures

Kervalishvili, Andrei; Talvik, Ivar Journal of civil engineering and management 2017 / p. 292-299 : ill
<https://doi.org/10.3846/13923730.2015.1068845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Modified procedure for buckling of steel columns at elevated temperatures

Kervalishvili, Andrei; Talvik, Ivar Journal of Constructional Steel Research 2016 / p. 108 - 119
<https://doi.org/10.1016/j.jcsr.2016.07.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)