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

Analysis of a self-anchored suspension bridge in Estonia
Kulbach, Valdek; **Talvik, Ivar** IABSE Conference Seoul 2001 : Cable-Supported Bridges - Challenging Technical Limits 2001 / p. 170-171 : ill

Analysis of saddle-shaped cable networks with different contour structures
Kulbach, Valdek; **Idnurm, Juhan**; **Talvik, Ivar** Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 2, p. 101-113 : ill

Behavior of fin-plate connection of a composite beam subjected to different fire scenarios
Sakr, Mohamed; Lu, Wei; **Talvik, Ivar**; Puttonen, Jari Rakenteiden mekaniikka = Journal of structural mechanics 2024 / 23 p https://doi.org/10.23998/rm.137617 Journal metrics at Scopus Article at Scopus

Bridge structures for the fixed link Saaremaa
Kulbach, Valdek; **Talvik, Ivar** Strait Crossings 2001 : proceedings of the Fourth Symposium on Strait Crossings : Bergen, Norway, 2-5 September 2001 2001 / p. 221-226 : ill

Comparative study of the buckling of steel beams in Eurocode 3 and the Russian code
Loorits, Kalju; **Talvik, Ivar** Journal of constructional steel research 2006 / 12, p. 1290-1294 : ill https://www.sciencedirect.com/science/article/pii/S0143974X06001076

A comparative study of the design basis of the Russian Steel Structures Code and Eurocode 3
Loorits, Kalju; **Talvik, Ivar** Journal of constructional steel research 1999 / p. 157-166: ill https://doi.org/10.1016/S0143-974X(98)00214-4

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

Design of the central bridge for a strait crossing in Estonia
Kulbach, Valdek; **Talvik, Ivar** Responding to Tomorrow's Challenges in Structural : IABSE Symposium Budapest 2006, 13-15.09.2006 2006 / p. 242-243
https://www.researchgate.net/publication/263678225_Design_of_the_central_bridge_for_a_strait_crossing_in_Estonia

Determination of dynamic characteristics of saddle-shaped suspension roof
Õiger, Karl; **Talvik, Ivar** Tallinna Tehnikaülikooli Toimetised 1990 / lk. 32-38: ill

Dynamic response of a cable network with elastic supporting elements : manuscript
Talvik, Ivar International Symposium on New Perspectives for Shell and Spatial Structures : IASS-APCS 2003 : October 22-25, 2003, Taipei, Taiwan 2003 / [9] p

Efficiency of steel in suspended structures
Kulbach, Valdek; **Talvik, Ivar** Journal of constructional steel research 1998 / 1/3, p. 326-327

Ehituskonstruktori käsiraamat
Jaaniso, Valdo; Masso, Tiit; **Otsmaa, Vello**; **Talvik, Ivar** 2002 https://www.ester.ee/record=b1668505*est

Eurokoodeks 1 : ehituskonstruktsioonide koormused
Talvik, Ivar 2006 https://www.ester.ee/record=b2229128*est

Eurokoodeks 1 : ehituskonstruktsioonide koormused
Talvik, Ivar 2007 https://www.ester.ee/record=b2333021*est

Eurokoodeks 1 : ehituskonstruktsioonide koormused
Talvik, Ivar 2007 https://www.ester.ee/record=b2336074*est

Eurokoodeks 1 : ehituskonstruktsioonide koormused. Osa 1-4, Üldkoormused. Tuulekoormus. Muudatus A1. Eesti standardi rahvuslik lisa = Eurocode 1 : actions and structures. Part 1-4, General actions. Wind actions. Amendment A1. Estonian national annex
2010 https://www.ester.ee/record=b2630185*est

Eurokoodeks 1 : ehituskonstruktsioonide koormused. Osa 1-7, Üldkoormused. Erakorralised koormused = Eurocode 1: Actions on structures. Part 1-7, General actions. Accidental actions.

2010 https://www.ester.ee/record=b2545023*est

Eurokoodeks 1 [Võrguteavik] : ehituskonstruktsioonide koormused. Osa 1-3, Üldkoormused. Lumekoormus : Eesti standardi rahvuslik lisa = Eurocode 1 : actions on structures. Part 1-3, General actions. Snow loads : Estonian National Annex
2016 http://www.ester.ee/record=b4602176*est

Eurokoodeks 1 [Võrguteavik] : ehituskonstruktsioonide koormused. Osa 1-3, Üldkoormused. Lumekoormus = Eurocode 1 : actions on structures. Part 1-3, General actions. Snow loads
2016 http://www.ester.ee/record=b4602389*est

Eurokoodeks 1 [Võrguteavik] : ehituskonstruktsioonide koormused. Osa 1-7, Üldkoormused. Erakorralised koormused = Eurocode 1 : actions on structures. Part 1-7, General actions. Accidental actions
2015 http://www.ester.ee/record=b4493677*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks = Eurocode 3 : design of steel structures. Part 1-4, General rules. Supplementary rules for stainless steel
2021 https://www.ester.ee/record=b5417337*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-4, Üldreeglid. Täiendavad reeglid roostevaba terase jaoks = Eurocode 3 : design of steel structures. Part 1-4, General rules. Supplementary rules for stainless steel
2021 https://www.ester.ee/record=b5417334*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements
2020 https://www.ester.ee/record=b5303425*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-5, Tasapinnalised konstruktsioonielemendid = Eurocode 3 : design of steel structures. Part 1-5, Plated structural elements
2020 https://www.ester.ee/record=b5303956*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 1-6, Koorikkonstruktsioonide tugevus ja stabiilsus = Eurocode 3 : design of steel structures. Part 1-6, Strength and stability of shell structures
2018 https://www.ester.ee/record=b4767167*est

Eurokoodeks 3 [Võrguteavik] : teraskonstruktsioonide projekteerimine. Osa 4-1, Puistemahutid = Eurocode 3 : design of steel structures. Part 4-1, Silos
2018 https://www.ester.ee/record=b4783423*est

Eurokoodeks 3, Teraskonstruktsioonide projekteerimine
Talvik, Ivar 2009 https://www.ester.ee/record=b2504189*est

A finite element model for nonlinear vibrations of cable systems
Talvik, Ivar 3rd EUROMECH Solid Mechanics Conference, Stockholm, Sweden, August 18-22, 1997 : book of abstracts 1997 / IV : CM7 ; p. 54

Finite element modelling of cable networks with flexible supports
Talvik, Ivar Computers and structures 2001 / p. 2443-2450

Influence of internal pressure on hollow section steel members in fire
Kervalishvili, Andrei; **Talvik, Ivar** Applied sciences 2023 / art. 149 https://doi.org/10.3390/app14010149 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
Kervališvili, 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

Komposiitkonstruktsioonide käitumine membraanina tulekahjus : projekteerimisjuhised
Vassart, O.; Zhao, B.; **Talvik, Ivar** 2012 http://www.ester.ee/record=b4761433*est

Komposiitkonstruktsioonide käitumine membraanina tulekahjus : teoreetilised alused
Vassart, O.; Zhao, B.; **Talvik, Ivar** 2012 http://www.ester.ee/record=b4761436*est

Koormused
Talvik, Ivar Ehituskonstruktori käsiraamat 2010 / lk. 179-210 : ill

Koormused
Talvik, Ivar Ehituskonstruktori käsiraamat 2012 / lk. 179-210 : ill

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

Plastic capacity of bolted RHS flange-plate joints under axial tension
Mudrov, Andrej; Šaučiuvenas, Gintas; Sapalas, Antanas; **Talvik, Ivar** Engineering structures and technologies 2016 / p. 85-93 : ill
http://dx.doi.org/10.3846/2029882X.2016.1216806

Projekteerimise alused. Koormused. Osa 2.6, Tuulekoormus : Eesti projekteerimisnormid, EPN-ENV 1.2.6 : (eelnõu): välja antud juuni 1996
Talvik, Ivar ET-kartoteek : Eesti ehitusteave. ET-1 1996 / ET-1 0113-0138, 20 lk

Reliability based design method for buckling of steel columns in fire
Kervalishvili, Andrei; **Talvik, Ivar** Journal of Structural Fire Engineering 2020 / p. 167 - 187 https://doi.org/10.1108/JSFE-12-2018-0041 Journal metrics at Journal Article at Scopus Journal metrics at WOS Article at WOS

Some aspects of numerical analysis of suspended structures
Talvik, Ivar Tenth Nordic Seminar on Computational Mechanics, Tallinn Technical University, October 24-25, 1997 1997 / p. 307-308

Stability of compressed steel elements in fire conditions : a probabilistic approach = Surutud teraselementide stabiilsus tulekahju olukorras : tõenäosuslik käsitlus
Kervališvili, Andrei 2019 https://digikogu.taltech.ee/et/Item/6f604774-d082-4716-8986-5af1d4ab2922

Static and dynamic finite element analysis of cable nets with flexible supports
Talvik, Ivar Computing developments in civil and structural engineering : proceedings of the 7th International Conference on Civil and Structural Engineering Computing : Oxford, England, 13-15 September 1999 1999 / p. 91-97

Structural steel design of a large-span hall building in Estonia
Loorits, Kalju; **Talvik, Ivar** NSCC 2001 proceedings : 9th Nordic Steel Construction Conference : Helsinki, Finland, 18-20 June 2001 2001 / p. 99-103

Teraskonstruktsioonid
Loorits, Kalju; **Talvik, Ivar** 2003 https://www.ester.ee/record=b1822162*est

Teraskonstruktsioonid
Talvik, Ivar 2005 https://www.ester.ee/record=b2103295*est

Teraskonstruktsioonid : tornid, mastid ja korstnad
Loorits, Kalju; **Talvik, Ivar** 2006 https://www.ester.ee/record=b2230686*est

Teraskonstruktsioonide projekteerimine alamkomitee koosolekul Madriidis
Talvik, Ivar EVS Teataja 2003 / 6, lk. 5-6

Teraskonstruktsioonide projekteerimise standardimisest
Talvik, Ivar EVS Teataja 2003 / 12, lk. 11-12

Teraskonstruktsioonide standardimine Euroopas
Talvik, Ivar EVS Teataja 2003 / 1, lk. 5-7

The influence of elastic boundary conditions on the stability of steel frames
Luhakooder, Priit; **Talvik, Ivar** Proceedings of the Eleventh International Conference on Computational Structures Technology : Dubrovnik, Croatia, Sept 4-7, 2012 2012 / p. 272-281

Wind loading on a hyperbolic paraboloid roof
Talvik, Ivar Proceedings of the 2nd European & African Conference on Wind Engineering : 2 EACWE, Palazzo Ducale, Genova, Italy, June 22-26, 1997. Vol. 2 1997 / p. 1415-1421

Аэродинамические испытания певческой эстрады г. Тарту
Hendrikson, V.; **Õiger, Karl**; **Talvik, Ivar** Тонкостенные пространственные конструкции 1989 / с. 11-17

Исследование работы тенто-вантовых покрытий : отчет : шифр работы EK-1041/1
Õiger, Karl; **Talvik, Ivar**; **Oras, Riho** 1983 https://www.ester.ee/record=b2426599*est

Определение динамических характеристик и ветровых нагрузок седловидных висячих покрытий : автореферат ... кандидата технических наук (05.23.01)
Talvik, Ivar 1990 http://www.ester.ee/record=b1226871*est

Определение динамических характеристик и ветровых нагрузок седловидных висячих покрытий : диссертация ... кандидата технических наук : 05.23.01 Строительные конструкции, здания и сооружения
Talvik, Ivar 1990 http://www.ester.ee/record=b2479199*est

Работа преднапряженной вантовой сети с покрытием при неравномерных статических и ударных нагрузках
Õiger, Karl; **Paane, Peeter**; **Talvik, Ivar** Теория и расчет тонкостенных пространственных конструкций 1987 / с. 14-24

Работа преднапряженной вантовой сети с покрытием при равномерных статических нагрузках
Paane, Peeter; **Talvik, Ivar** Теория и расчет тонкостенных пространственных конструкций 1987 / с. 25-33

Строительные конструкции и строительная механика
Jaaniso, Valdo; **Õiger, Karl**; **Parts, Aldur**; **Paane, Peeter**; **Talvik, Ivar**; **Talvik, Andres**; Rohusaar, Jaan; **Reiman, Ants**; Põial, R.; **Otsmaa, Vello**; **Ravasoo, Arvi**; Anissimov, V.A.; Kutsenko, A.N.; **Voltri, Väino** 1987 https://www.ester.ee/record=b1274061*est

Строительные конструкции и строительная механика
Jaaniso, Valdo; **Aare, Johannes**; Vilba, P.; Gordon, E.; **Kulbach, Valdek**; Dubõškina, L.V.; **Lahe, Andres**; **Ross, Urmas**; **Õiger, Karl**; **Parts, Aldur**; Hendrikson, V.; **Talvik, Ivar**; **Oras, Riho**; **Otsmaa, Vello**; **Tärno, Ülo** 1988
https://www.ester.ee/record=b1257253*est

Строительные конструкции и строительная механика
Jaaniso, Valdo; **Hallang, Tiina**; Hendrikson, V.; **Õiger, Karl**; **Talvik, Ivar**; **Kulbach, Valdek**; **Paane, Peeter**; **Just, Elmar-Jaan**; Pukk, Otto; **Kuningas, Andres**; **Aben, Madis**; **Lahe, Andres**; Gordon, E.; **Lavrov, Anatoli**; **Fjodorov, Vladimir**; **Õiger, Karl**; **Tärno, Ülo** 1989 https://www.ester.ee/record=b1308132*est

Экспериментальное исследование ветровых нагрузок на тентово-арочное покрытие
Hendrikson, V.; **Õiger, Karl**; **Talvik, Ivar** Тонкостенные и пространственные конструкции 1988 / с. 59-68

Экспериментальное исследование седловидной висячей конструкции с дополнительными связями
Talvik, Ivar; **Õiger, Karl** XXX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР, 8-10 апреля 1986 года : тезисы докладов. Том I, Общественные науки. Физико-математические науки. Строительство. Экономика 1986 / с. 70 https://www.ester.ee/record=b1305540*est