Miguel Abambres

List of Publications by Citations

19 papers	228 citations	9 h-index	14 g-index
94 ext. papers	286 ext. citations	2.4 avg, IF	3.83 L-index

#	Paper	IF	Citations
19	GBT-based structural analysis of elastic-plastic thin-walled members. *Computers and Structures*, **2014**, 136, 1-23	4.5	37
18	Neural Network-Based Formula for the Buckling Load Prediction of I-Section Cellular Steel Beams. *Computers*, **2019**, 8, 2	1.9	30
17	Residual stresses in steel members: a review of available analytical expressions. *International Journal of Structural Integrity*, **2016**, 7, 70-94	1	26
16	Physically non-linear GBT analysis of thin-walled members. *Computers and Structures*, **2013**, 129, 148-165	4.5	26
15	GBT-based elastic-plastic post-buckling analysis of stainless steel thin-walled members. *Thin-Walled Structures*, **2014**, 83, 85-102	4.7	17
14	ANN-Based Shear Capacity of Steel Fiber-Reinforced Concrete Beams without Stirrups. *Fibers*, **2019**, 7, 88	3.7	16
13	Modal decomposition of thin-walled member collapse mechanisms. *Thin-Walled Structures*, **2014**, 74, 269-291	4.7	12
12	ANN-Based Fatigue Strength of Concrete under Compression. *Materials*, **2019**, 12,	3.5	11
11	Neural network-based formula for shear capacity prediction of one-way slabs under concentrated loads. *Engineering Structures*, **2020**, 211, 110501	4.7	9
10	Finite element analysis of steel structures – a review of useful guidelines. *International Journal of Structural Integrity*, **2016**, 7, 490-515	1	8
9	Citation Indexes Accounting for Authorship Order in Coauthored Research – Review and New Proposal. *Science and Technology Libraries*, **2016**, 35, 263-278	0.8	7
8	GBT-based first-order analysis of elastic-plastic thin-walled steel members exhibiting strain-hardening. *IES Journal Part A: Civil and Structural Engineering*, **2013**, 6, 119-134		6
7	Influence of the deformation mode nature on the 1st order post-yielding strength of thin-walled beams. *Thin-Walled Structures*, **2018**, 128, 71-79	4.7	4
6	Potential of neural networks for structural damage localization. *Avances En Ciencias E Ingenierías*, **2019**, 11,	0.6	3
5	Neural Network-Based Formula for Shear Capacity Prediction of One-Way Slabs Under Concentrated Loads. *SSRN Electronic Journal*,	1	3
4	Neural network-based formula for shear capacity prediction of one-way slabs under concentrated loads		2
3	Research Counts, Not the Journal		2

2	Neural network-based analytical model to predict the shear strength of steel girders with a trapezoidal corrugated web. *Avances En Ciencias E Ingenierías*, **2019**, 11,	0.6	1
1	Research Counts, Not the Journal. *SSRN Electronic Journal*,	1	1