

# Piotr Paczos

## List of Publications by Year in descending order

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21  
papers

227  
citations

1163117

8  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

125  
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-point bending of sandwich beam with special structure of the core. Composite Structures, 2018, 201, 676-682.	5.8	30
2	Theoretical shape optimization of cold-formed thin-walled channel beams with drop flanges in pure bending. Journal of Constructional Steel Research, 2009, 65, 1731-1737.	3.9	29
3	Experimental investigations of buckling of lipped, cold-formed thin-walled beams with I-section. Thin-Walled Structures, 2009, 47, 1354-1362.	5.3	22
4	Elastic Buckling of Cold-Formed Thin-Walled Channel Beams with Drop Flanges. Journal of Structural Engineering, 2010, 136, 886-896.	3.4	21
5	Experimental investigation of C-beams with non-standard flanges. Journal of Constructional Steel Research, 2014, 93, 77-87.	3.9	21
6	Experimental and numerical investigations of five-layered trapezoidal beams. Composite Structures, 2016, 145, 129-141.	5.8	18
7	Stability of orthotropic elastic-plastic open conical shells. Thin-Walled Structures, 2008, 46, 530-540.	5.3	16
8	The experimental and analytical investigations of torsion phenomenon of thin-walled cold formed channel beams subjected to four-point bending. Thin-Walled Structures, 2016, 106, 179-186.	5.3	16
9	Buckling Study of Thin-walled Channel Beams with Double-box Flanges in Pure Bending. Strain, 2012, 48, 317-325.	2.4	8
10	Experimental and numerical study of local stability of non-standard thin-walled channel beams. Journal of Theoretical and Applied Mechanics, 2019, 57, 549-562.	0.5	8
11	Numerical analysis of sandwich beam with corrugated core under three-point bending. AIP Conference Proceedings, 2015, , .	0.4	7
12	What Is the Cost of Off-Axis Insertion of Locking Screws? A Biomechanical Comparison of a 3.5°mm Fixed-Angle and 3.5°mm Variable-Angle Stainless Steel Locking Plate Systems. Veterinary and Comparative Orthopaedics and Traumatology, 0, , .	0.5	7
13	Critical load of a bilayered orthotropic elastic-plastic conical shell with the change of the shell basic surface location. Thin-Walled Structures, 2007, 45, 911-915.	5.3	6
14	Limit load of cold formed thin-walled nonstandard channel beams. Journal of Theoretical and Applied Mechanics, 0, , 1369.	0.5	6
15	Experimental three-point bending of sandwich beam with corrugated core. AIP Conference Proceedings, 2015, , .	0.4	3
16	Experimental Optical Testing and Numerical Verification by CuFSM of Compression Columns with Modified Channel Sections. Materials, 2021, 14, 1271.	2.9	3
17	Buckling and post-buckling behaviour of selected cold-formed C-beams with atypical flanges. Engineering Structures, 2021, 244, 112693.	5.3	3
18	The Influence of Imperfections on the Strength and Stability of Cold-Formed Sigma Channels with Corrugated Flanges. Lecture Notes in Mechanical Engineering, 2019, , 36-49.	0.4	2

#	ARTICLE	IF	CITATIONS
19	Three-Point Bending of Seven Layer Beams – Theoretical and Experimental Studies. Archives of Civil Engineering, 2016, 62, 115-133.	0.7	1
20	Elastic buckling of thin-walled beams with sandwich and double bends flanges. Proceedings in Applied Mathematics and Mechanics, 2008, 8, 10363-10364.	0.2	0
21	Stress State and Displacements of Cold Formed Thin Walled Channel Beams. , 0, , .		0