

# David Nash

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

707  
citations

759233

12  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

135  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Staged Approach to Erosion Analysis of Wind Turbine Blade Coatings. <i>Coatings</i> , 2021, 11, 681.	2.6	6
2	Evaluation of a New Approach for Modeling Full Ring Stent Bundles with the Inclusion of Manufacturing Strains. <i>Annals of Biomedical Engineering</i> , 2020, 48, 144-156.	2.5	3
3	Cold-formed steel channel sections under end-two-flange loading condition: Design for edge-stiffened holes, unstiffened holes and plain webs. <i>Thin-Walled Structures</i> , 2020, 147, 106532.	5.3	51
4	Efficiently Simulating an Endograft Deployment: A Methodology for Detailed CFD Analyses. <i>Annals of Biomedical Engineering</i> , 2020, 48, 2449-2465.	2.5	4
5	Web crippling behaviour of cold-formed steel channel sections with edge-stiffened and unstiffened circular holes under interior-two-flange loading condition. <i>Thin-Walled Structures</i> , 2020, 154, 106813.	5.3	52
6	Analysing The Cross-Section of The Abdominal Aortic Aneurysm Neck and Its Effects on Stent Deployment. <i>Scientific Reports</i> , 2020, 10, 4673.	3.3	5
7	Effects of edge-stiffened web openings on the behaviour of cold-formed steel channel sections under compression. <i>Thin-Walled Structures</i> , 2019, 144, 106307.	5.3	53
8	A Methodology to Quantify the Geometrical Complexity of the Abdominal Aortic Aneurysm. <i>Scientific Reports</i> , 2019, 9, 17379.	3.3	3
9	Web crippling behaviour of cold-formed steel channel sections with web holes subjected to interior-one-flange loading condition – Part II: parametric study and proposed design equations. <i>Thin-Walled Structures</i> , 2017, 114, 92-106.	5.3	38
10	Effects of edge-stiffened circular holes on the web crippling strength of cold-formed steel channel sections under one-flange loading conditions. <i>Engineering Structures</i> , 2017, 139, 96-107.	5.3	31
11	Web crippling behaviour of cold-formed steel channel sections with web holes subjected to interior-one-flange loading condition-Part I: Experimental and numerical investigation. <i>Thin-Walled Structures</i> , 2017, 111, 103-112.	5.3	49
12	Effect of web holes on web crippling strength of cold-formed steel channel sections under end-one-flange loading condition - Part II: Parametric study and proposed design equations. <i>Thin-Walled Structures</i> , 2016, 107, 489-501.	5.3	44
13	Effect of web holes on web crippling strength of cold-formed steel channel sections under end-one-flange loading condition – Part I: Tests and finite element analysis. <i>Thin-Walled Structures</i> , 2016, 107, 443-452.	5.3	66
14	Deformed gap space using macro-micro FEA model and transferred into a CFD model. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 421-422.	0.2	1
15	Design of Top-hat Purlins for Cold-formed Steel Portal Frames. <i>Structures</i> , 2016, 7, 113-125.	3.6	5
16	Effect of offset web holes on web crippling strength of cold-formed steel channel sections under end-two-flange loading condition. <i>Thin-Walled Structures</i> , 2013, 65, 34-48.	5.3	59
17	Web crippling behaviour of cold-formed steel channel sections with offset web holes subjected to interior-two-flange loading. <i>Thin-Walled Structures</i> , 2012, 50, 76-86.	5.3	80
18	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditions – Part II: Parametric study and proposed design equations. <i>Thin-Walled Structures</i> , 2012, 56, 79-87.	5.3	64

#	ARTICLE	IF	CITATIONS
19	Cold-formed steel sections with web openings subjected to web crippling under two-flange loading conditionsâ€”part I: Tests and finite element analysis. Thin-Walled Structures, 2012, 56, 38-48.	5.3	93