

# Daniel Hilding

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

161  
citations

1477746

6  
h-index

1473754

9  
g-index

11  
all docs

11  
docs citations

11  
times ranked

101  
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of leakage flow through dynamic sealing gaps in hydraulic percussion units using a co-simulation approach. <i>Simulation Modelling Practice and Theory</i> , 2021, 111, 102351.	2.2	2
2	Validation of a co-simulation approach for hydraulic percussion units applied to a hydraulic hammer. <i>Advances in Engineering Software</i> , 2019, 131, 102-115.	1.8	7
3	A co-simulation method for system-level simulation of fluid-structure couplings in hydraulic percussion units. <i>Engineering With Computers</i> , 2017, 33, 317-333.	3.5	14
4	Optimization of structures in frictional contact. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 205-208, 83-90.	3.4	8
5	A computational methodology for shape optimization of structures in frictionless contact. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2001, 190, 4043-4060.	3.4	25
6	The equilibrium state of a structure subject to frictional contact. <i>European Journal of Mechanics, A/Solids</i> , 2000, 19, 1029-1040.	2.1	6
7	A heuristic smoothing procedure for avoiding local optima in optimization of structures subject to unilateral constraints. <i>Structural and Multidisciplinary Optimization</i> , 2000, 20, 29-36.	1.7	14
8	Optimization of Structures in Unilateral Contact. <i>Applied Mechanics Reviews</i> , 1999, 52, 139-160.	4.5	66
9	Minimization of maximum unilateral force. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1999, 177, 215-234.	3.4	14
10	Finite Element Simulation of the TRIP-effect in Austenitic Stainless Steel. , 0, , .		5
11	Simulation of wear in hydraulic percussion units using a co-simulation approach. <i>International Journal of Modelling and Simulation</i> , 0, , 1-17.	2.3	0