

Daniel Hilding

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8443003/publications.pdf>

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	Optimization of Structures in Unilateral Contact. <i>Applied Mechanics Reviews</i> , 1999, 52, 139-160.	4.5	66
2	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
3	Minimization of maximum unilateral force. <i>Computer Methods in Applied Mechanics and Engineering</i> , 1999, 177, 215-234.	3.4	14
4	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
5	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
6	Optimization of structures in frictional contact. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2012, 205-208, 83-90.	3.4	8
7	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
8	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
9	Finite Element Simulation of the TRIP-effect in Austenitic Stainless Steel. , 0, , .		5
10	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
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