

Josephine V Carstensen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3298297/publications.pdf>

Version: 2024-02-01

10
papers

272
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	3D metallic glass cellular structures. <i>Acta Materialia</i> , 2016, 105, 35-43.	7.9	69
2	Projection-based two-phase minimum and maximum length scale control in topology optimization. <i>Structural and Multidisciplinary Optimization</i> , 2018, 58, 1845-1860.	3.5	56
3	Topology-optimized design, construction and experimental evaluation of concrete beams. <i>Automation in Construction</i> , 2019, 102, 59-67.	9.8	51
4	Experimental investigation of strut-and-tie layouts in deep RC beams designed with hybrid bi-linear topology optimization. <i>Engineering Structures</i> , 2019, 197, 109322.	5.3	31
5	Topology optimization with nozzle size restrictions for material extrusion-type additive manufacturing. <i>Structural and Multidisciplinary Optimization</i> , 2020, 62, 2481-2497.	3.5	19
6	Truss topology optimization of timber-steel structures for reduced embodied carbon design. <i>Engineering Structures</i> , 2022, 252, 113540.	5.3	14
7	Topology-optimized bulk metallic glass cellular materials for energy absorption. <i>Scripta Materialia</i> , 2022, 208, 114361.	5.2	12
8	Experimental Investigation of Topology-Optimized Deep Reinforced Concrete Beams with Reduced Concrete Volume. <i>RILEM Bookseries</i> , 2020, , 601-611.	0.4	6
9	Topology optimization of rigid interlocking assemblies. <i>Computers and Structures</i> , 2021, 250, 106521.	4.4	4
10	Topology Optimization for Cellular Material Design. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1662, 1.	0.1	2