

# Caizheng Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4383078/publications.pdf>

Version: 2024-02-01

10  
papers

139  
citations

1478505

6  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

84  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic behaviour of Bio-inspired heterocyclic aramid Fibre-reinforced laminates subjected to Low-velocity Drop-weight impact. <i>Composites Part A: Applied Science and Manufacturing</i> , 2022, 153, 106733.	7.6	17
2	Dynamic failure behavior of steel wire mesh subjected to medium velocity impact: Experiments and simulations. <i>International Journal of Mechanical Sciences</i> , 2022, 216, 106991.	6.7	13
3	On the mechanical behaviour of steel wire mesh subjected to low-velocity impact. <i>Thin-Walled Structures</i> , 2021, 159, 107281.	5.3	22
4	Low-velocity impact response of 3D woven hybrid epoxy composites with carbon and heterocyclic aramid fibres. <i>Polymer Testing</i> , 2021, 101, 107314.	4.8	19
5	Insights into the high-velocity impact behaviour of bio-inspired composite laminates with helicoidal lay-ups. <i>Polymer Testing</i> , 2021, 103, 107348.	4.8	24
6	Research on Computational Method of Supersonic Inlet/Isolator Internal Flow. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9272.	2.5	3
7	Homogenized shell element-based modeling of low-velocity impact response of stainless-steel wire mesh. <i>Mechanics of Advanced Materials and Structures</i> , 2020, , 1-16.	2.6	4
8	Characterization of Shear Behavior in Stainless Steel Wire Mesh Using Bias-Extension and Picture Frame Tests. <i>Journal of Engineering Mechanics - ASCE</i> , 2020, 146, 04019127.	2.9	6
9	Effects of fabric folding and thickness on the impact behaviour of multi-ply UHMWPE woven fabrics. <i>Journal of Materials Science</i> , 2017, 52, 13977-13991.	3.7	28
10	Finite element simulation of impact response of wire mesh screens. <i>EPJ Web of Conferences</i> , 2015, 94, 04033.	0.3	3