

Bing Du

List of Publications by Year in descending order

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17
papers

562
citations

687363

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888059

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times ranked

331
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic crushing behavior and energy absorption of graded lattice cylindrical structure under axial impact load. <i>Thin-Walled Structures</i> , 2018, 127, 333-343.	5.3	106
2	Deformation behaviors and energy absorption of auxetic lattice cylindrical structures under axial crushing load. <i>Aerospace Science and Technology</i> , 2020, 98, 105662.	4.8	106
3	Novel multifunctional negative stiffness mechanical metamaterial structure: Tailored functions of multi-stable and compressive mono-stable. <i>Composites Part B: Engineering</i> , 2021, 204, 108501.	12.0	58
4	Fabrication and bending behavior of thermoplastic composite curved corrugated sandwich beam with interface enhancement. <i>International Journal of Mechanical Sciences</i> , 2018, 149, 101-111.	6.7	43
5	A novel hierarchical thermoplastic composite honeycomb cylindrical structure: Fabrication and axial compressive properties. <i>Composites Science and Technology</i> , 2018, 164, 136-145.	7.8	41
6	Compressive response of multi-layered thermoplastic composite corrugated sandwich panels: Modelling and experiments. <i>Composites Part B: Engineering</i> , 2020, 189, 107899.	12.0	36
7	Bioinspired Color-Changeable Organogel Tactile Sensor with Excellent Overall Performance. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 49866-49875.	8.0	31
8	Axial compression deformability and energy absorption of hierarchical thermoplastic composite honeycomb graded structures. <i>Composite Structures</i> , 2020, 254, 112851.	5.8	29
9	Bidirectional self-locked energy absorbing system: Design and quasi-static compression properties. <i>Thin-Walled Structures</i> , 2019, 144, 106366.	5.3	21
10	Flatwise compression property of hierarchical thermoplastic composite square lattice. <i>Composite Structures</i> , 2019, 210, 118-133.	5.8	19
11	Fabrication and axial compression test of thermoplastic composite cylindrical sandwich structures with hierarchical honeycomb core. <i>Composite Structures</i> , 2021, 275, 114453.	5.8	19
12	Fabrication and Flatwise Compression Property of Glass Fiber-Reinforced Polypropylene Corrugated Sandwich Panel. <i>International Journal of Applied Mechanics</i> , 2017, 09, 1750110.	2.2	16
13	Numerical Study on the Projectile Impact Resistance of Multi-Layer Sandwich Panels with Cellular Cores. <i>Latin American Journal of Solids and Structures</i> , 2016, 13, 2876-2895.	1.0	13
14	Lateral crushing behavior of novel carbon fiber/epoxy composite bidirectional self-locked thin-walled tubular structure and system. <i>Thin-Walled Structures</i> , 2020, 157, 107063.	5.3	10
15	Mechanical Property of Long Glass Fiber Reinforced Polypropylene Composite: From Material to Car Seat Frame and Bumper Beam. <i>Polymers</i> , 2022, 14, 1814.	4.5	10
16	Experimental and numerical study on the low-velocity impact response of thermoplastic composite corrugated sandwich panels. <i>Journal of Sandwich Structures and Materials</i> , 2022, 24, 1828-1846.	3.5	3
17	Milling Parameter Optimization of Continuous-Glass-Fiber-Reinforced-Polypropylene Laminate. <i>Materials</i> , 2022, 15, 2703.	2.9	1