

Shuvajit Mukherjee

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

80
citations

1478458

6
h-index

1474186

9
g-index

11
all docs

11
docs citations

11
times ranked

45
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic strain and stress computation of a higher-order sandwich beam using hybrid stochastic time domain spectral element method. <i>Mechanics of Advanced Materials and Structures</i> , 2022, 29, 525-538.	2.6	9
2	The in-plane mechanics of a family of curved 2D lattices. <i>Composite Structures</i> , 2022, 280, 114859.	5.8	10
3	Time domain spectral element-based wave finite element method for periodic structures. <i>Acta Mechanica</i> , 2021, 232, 2269-2296.	2.1	3
4	A general analytical framework for the mechanics of heterogeneous hexagonal lattices. <i>Thin-Walled Structures</i> , 2021, 167, 108188.	5.3	7
5	Static and dynamic analysis of sandwich panel with spatially varying non-Gaussian properties. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2469-2504.	3.5	7
6	Optimal design of damage tolerant composite using ply angle dispersion and enhanced bat algorithm. <i>Neural Computing and Applications</i> , 2020, 32, 3387-3406.	5.6	3
7	Uncertainty analysis of higher-order sandwich beam using a hybrid stochastic time-domain spectral element method. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2020, 21, 215-230.	2.1	3
8	Stochastic time domain spectral element analysis of beam structures. <i>Acta Mechanica</i> , 2019, 230, 1487-1512.	2.1	10
9	Optimization of laminated composite structure considering uncertainty effects. <i>Mechanics of Advanced Materials and Structures</i> , 2019, 26, 493-502.	2.6	22
10	Ply level uncertainty effects on failure curves and optimal design of laminated composites using directional bat algorithm. <i>International Journal for Computational Methods in Engineering Science and Mechanics</i> , 2018, 19, 156-170.	2.1	6
11	Aircraft Composite Structure Preventive Maintenance. , 0, , .		0