

Atul Jain

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

298
citations

933264

10
h-index

1125617

13
g-index

19
all docs

19
docs citations

19
times ranked

165
citing authors

#	ARTICLE	IF	CITATIONS
1	Essential work of fracture assessment of acrylonitrile butadiene styrene (ABS) processed via fused filament fabrication additive manufacturing. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 113, 771-784.	1.5	17
2	Hybrid multiscale modelling of fatigue and damage in short fibre reinforced composites. , 2021, , 691-720.		0
3	On the multi-axial fatigue modelling of short fibre reinforced composites: Extensions to the Master SN curve approach. <i>International Journal of Fatigue</i> , 2021, 145, 106106.	2.8	6
4	Contributions of Stepan V Lomov to the research and development of composite materials. <i>Journal of Composite Materials</i> , 2020, 54, 4723-4747.	1.2	1
5	Direct Mori-Tanaka calculations of strains in ellipsoidal inclusions with multiple orientations and Comments on the papers: Naili, G. et al. <i>Comp Sci Tech</i> , 187: 107942, 2020 (https://doi.org/10.1016/j.compscitech.2019.107942) and Jain, A. et al., <i>Comp Sci Tech</i> , 87: 86-93, 2013 (https://doi.org/10.1016/j.compscitech.2013.08.009). <i>Composites Science and Technology</i> , 2020, 190, 108068.	3.8	4
6	Micro and mesomechanics of fibre reinforced composites using mean field homogenization formulations: A review. <i>Materials Today Communications</i> , 2019, 21, 100552.	0.9	17
7	Process development for phenylethynyl-terminated PMDA-type asymmetric polyimide composites. <i>High Performance Polymers</i> , 2018, 30, 731-741.	0.8	10
8	Mean field homogenization methods for strand composites. <i>Composites Part B: Engineering</i> , 2017, 124, 31-39.	5.9	22
9	Optimization of microstructures and mechanical properties of composite oriented strand board from reused prepreg. <i>Composite Structures</i> , 2017, 174, 389-398.	3.1	27
10	A feasibility study of the Master SN curve approach for short fiber reinforced composites. <i>International Journal of Fatigue</i> , 2016, 91, 264-274.	2.8	26
11	A statistical treatment of the loss of stiffness during cyclic loading for short fiber reinforced injection molded composites. <i>Composites Part B: Engineering</i> , 2016, 103, 40-50.	5.9	14
12	The Master SN curve approach – A hybrid multi-scale fatigue simulation of short fiber reinforced composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2016, 91, 510-518.	3.8	41
13	Non-symmetric stiffness tensor prediction by the Mori-Tanaka scheme – Comments on the article – Effective anisotropic stiffness of inclusions with debonded interface for Eshelby-based models [Composite Structures 131 (2015) 692-706]. <i>Composite Structures</i> , 2015, 134, 1118-1119.	3.1	7
14	Effective anisotropic stiffness of inclusions with debonded interface for Eshelby-based models. <i>Composite Structures</i> , 2015, 131, 692-706.	3.1	41
15	Pseudo-grain discretization and full Mori Tanaka formulation for random heterogeneous media: Predictive abilities for stresses in individual inclusions and the matrix. <i>Composites Science and Technology</i> , 2013, 87, 86-93.	3.8	46
16	Fatigue Life Simulation on Fiber Reinforced Composites - Overview and Methods of Analysis for the Automotive Industry. <i>SAE International Journal of Materials and Manufacturing</i> , 0, 5, 205-214.	0.3	13