

Jalal Nasser

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

437
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

376
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced interfacial strength of aramid fiber reinforced composites through adsorbed aramid nanofiber coatings. <i>Composites Science and Technology</i> , 2019, 174, 125-133.	7.8	109
2	Laser induced graphene printing of spatially controlled super-hydrophobic/hydrophilic surfaces. <i>Carbon</i> , 2020, 162, 570-578.	10.3	50
3	Aramid Nanofiber Reinforced Polymer Nanocomposites via Amide–Amide Hydrogen Bonding. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2934-2945.	4.4	43
4	Laser induced graphene fibers for multifunctional aramid fiber reinforced composite. <i>Carbon</i> , 2020, 158, 146-156.	10.3	35
5	Laser induced graphene interlaminar reinforcement for tough carbon fiber/epoxy composites. <i>Composites Science and Technology</i> , 2021, 201, 108493.	7.8	34
6	Enhanced interfacial strength of hierarchical fiberglass composites through an aramid nanofiber interphase. <i>Composites Science and Technology</i> , 2020, 192, 108109.	7.8	30
7	Laser induced graphene in fiberglass-reinforced composites for strain and damage sensing. <i>Composites Science and Technology</i> , 2020, 199, 108367.	7.8	27
8	High strength fiber reinforced composites with surface fibrilized aramid fibers. <i>Journal of Applied Physics</i> , 2018, 124, .	2.5	26
9	Laser induced graphene for in situ damage sensing in aramid fiber reinforced composites. <i>Composites Science and Technology</i> , 2021, 201, 108541.	7.8	18
10	Nanostructured ZnO Interphase for Carbon Fiber Reinforced Composites with Strain Rate Tailored Interfacial Strength. <i>Advanced Materials Interfaces</i> , 2020, 7, 1901544.	3.7	17
11	ZnO Nanostructured Interphase for Multifunctional and Lightweight Glass Fiber Reinforced Composite Materials under Various Loading Conditions. <i>ACS Applied Nano Materials</i> , 2020, 3, 1363-1372.	5.0	17
12	Improved Interyarn Friction, Impact Response, and Stab Resistance of Surface Fibrilized Aramid Fabric. <i>Advanced Materials Interfaces</i> , 2019, 6, 1900881.	3.7	13
13	Laser induced graphene-based out-of-autoclave curing of fiberglass reinforced polymer matrix composites. <i>Composites Science and Technology</i> , 2022, 226, 109529.	7.8	10
14	Artificial neural networks and phenomenological degradation models for fatigue damage tracking and life prediction in laser induced graphene interlayered fiberglass composites. <i>Smart Materials and Structures</i> , 2021, 30, 085010.	3.5	7
15	Adsorbed Aramid Nanofiber Interphase for Enhanced Aramid Fiber Reinforced Composites. , 2019, , .		1