

Dimitrios Mamalis

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

330
citations

933447

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h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

268
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanical and thermomechanical characterisation of vacuum-infused thermoplastic- and thermoset-based composites. <i>Materials and Design</i> , 2019, 175, 107828.	7.0	64
2	Novel thermoplastic fibre-metal laminates manufactured by vacuum resin infusion: The effect of surface treatments on interfacial bonding. <i>Materials and Design</i> , 2019, 162, 331-344.	7.0	61
3	Influence of hygrothermal ageing on the mechanical properties of unidirectional carbon fibre reinforced powder epoxy composites. <i>Composites Part B: Engineering</i> , 2021, 225, 109281.	12.0	41
4	Effect of fibre straightness and sizing in carbon fibre reinforced powder epoxy composites. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 110, 93-105.	7.6	40
5	Novel carbon-fibre powder-epoxy composites: Interface phenomena and interlaminar fracture behaviour. <i>Composites Part B: Engineering</i> , 2019, 174, 107012.	12.0	37
6	On the motion of a sessile drop on an incline: Effect of non-monotonic thermocapillary stresses. <i>Applied Physics Letters</i> , 2016, 109, .	3.3	19
7	Improving through-thickness conductivity of carbon fiber reinforced polymer using carbon nanotube/polyethylenimine at the interlaminar region. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49749.	2.6	15
8	Effect of Poly(ethylene oxide) Molecular Weight on the Pinning and Pillar Formation of Evaporating Sessile Droplets: The Role of the Interface. <i>Langmuir</i> , 2015, 31, 5908-5918.	3.5	14
9	Nonisothermal Spreading Dynamics of Self-Rewetting Droplets. <i>Langmuir</i> , 2018, 34, 1916-1931.	3.5	13
10	Bubble rise in a non-isothermal self-rewetting fluid and the role of thermocapillarity. <i>International Journal of Thermal Sciences</i> , 2017, 117, 146-162.	4.9	12
11	Standing wave in evaporating meniscus detected by infrared thermography. <i>Applied Physics Letters</i> , 2015, 107, 041606.	3.3	5
12	Interlayer bonding between thermoplastic composites and metals by <i>in situ</i> polymerization technique. <i>Journal of Applied Polymer Science</i> , 2021, 138, 51188.	2.6	5
13	The Mechanical and Material Designs of Composite Ju <i>hoansi Arrowheads</i> . <i>Journal of Composites Science</i> , 2020, 4, 139.	3.0	4