

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

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14
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14
docs citations

14
times ranked

268
citing authors

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