

Amañal Cohades

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

337
citations

933447

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1199594

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citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1 | Progress in Self-Healing Fiber-Reinforced Polymer Composites. <i>Advanced Materials Interfaces</i> , 2018, 5, 1800177. | 3.7 | 79 |
| 2 | Stitched shape memory alloy wires enhance damage recovery in self-healing fibre-reinforced polymer composites. <i>Composites Science and Technology</i> , 2018, 161, 22-31. | 7.8 | 46 |
| 3 | Healing of a glass fibre reinforced composite with a disulphide containing organic-inorganic epoxy matrix. <i>Composites Science and Technology</i> , 2017, 152, 85-93. | 7.8 | 39 |
| 4 | Thermal mending in immiscible poly(μ -caprolactone)/epoxy blends. <i>European Polymer Journal</i> , 2016, 81, 114-128. | 5.4 | 37 |
| 5 | Assessment of solvent capsule-based healing for woven E-glass fibre-reinforced polymers. <i>Smart Materials and Structures</i> , 2015, 24, 015019. | 3.5 | 35 |
| 6 | Thermal mending in E-glass reinforced poly(μ -caprolactone)/epoxy blends. <i>Composites Part A: Applied Science and Manufacturing</i> , 2017, 99, 129-138. | 7.6 | 32 |
| 7 | Damage recovery after impact in E-glass reinforced poly(μ -caprolactone)/epoxy blends. <i>Composite Structures</i> , 2017, 180, 439-447. | 5.8 | 24 |
| 8 | Tensile elongation of unidirectional or laminated composites combining a brittle reinforcement with a ductile strain and strain-rate hardening matrix. <i>Acta Materialia</i> , 2014, 71, 31-43. | 7.9 | 15 |
| 9 | Designing laminated metal composites for tensile ductility. <i>Materials & Design</i> , 2015, 66, 412-420. | 5.1 | 13 |
| 10 | Size limitations on achieving tough and healable fibre reinforced composites through the use of thermoplastic nanofibres. <i>Composites Part A: Applied Science and Manufacturing</i> , 2018, 112, 485-495. | 7.6 | 10 |
| 11 | Statistical Fatigue Investigation and Failure Prediction of a Healable Composite System. <i>Frontiers in Materials</i> , 2020, 7, . | 2.4 | 2 |
| 12 | A Novel Method to Quantify Self-Healing Capabilities of Fiber-Reinforced Polymers. <i>Frontiers in Materials</i> , 0, 9, . | 2.4 | 0 |