

Mariana Paulino

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

362
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840585

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docs citations

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times ranked

414
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Ballistic response of armour plates using Generative Adversarial Networks. <i>Defence Technology</i> , 2022, 18, 1513-1522. | 2.1 | 8 |
| 2 | A 3D printable dynamic nanocellulose/nanochitin self-healing hydrogel and soft strain sensor. <i>Carbohydrate Polymers</i> , 2022, 291, 119545. | 5.1 | 29 |
| 3 | Dynamic Nanohybrid-Polysaccharide Hydrogels for Soft Wearable Strain Sensing. <i>Sensors</i> , 2021, 21, 3574. | 2.1 | 11 |
| 4 | Dynamic nanocellulose hydrogels: Recent advancements and future outlook. <i>Carbohydrate Polymers</i> , 2021, 270, 118357. | 5.1 | 32 |
| 5 | Effect of layer thickness and cross-section geometry on the tensile and compression properties of 3D printed ABS. <i>Materials Today Communications</i> , 2020, 22, 100626. | 0.9 | 23 |
| 6 | Dynamic plant-derived polysaccharide-based hydrogels. <i>Carbohydrate Polymers</i> , 2020, 231, 115743. | 5.1 | 57 |
| 7 | Double dynamic cellulose nanocomposite hydrogels with environmentally adaptive self-healing and pH-tuning properties. <i>Cellulose</i> , 2020, 27, 1407-1422. | 2.4 | 27 |
| 8 | Rational Design of Mussel-Inspired Hydrogels with Dynamic Catecholato-Metal Coordination Bonds. <i>Macromolecular Rapid Communications</i> , 2020, 41, e2000439. | 2.0 | 26 |
| 9 | Dynamic Hydrogels and Polymers as Inks for Three-Dimensional Printing. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2688-2707. | 2.6 | 67 |
| 10 | An Artificial Intelligence-based Hybrid Method for Multi-layered Armour Systems. <i>Advanced Structured Materials</i> , 2019, , 381-400. | 0.3 | 1 |
| 11 | ONLINE AND DESIGN-BASED LEARNING IN SOPHOMORE ENGINEERING MECHANICS. <i>International Journal on Innovations in Online Education</i> , 2018, 2, . | 0.1 | 2 |
| 12 | Study on Yield Function and Plastic Potential Under Non-Associated Flow for Accurate Earing Prediction in Cup Drawing. <i>Steel Research International</i> , 2015, 86, 852-860. | 1.0 | 8 |
| 13 | Cork composites for the absorption of impact energy. <i>Composite Structures</i> , 2013, 95, 16-27. | 3.1 | 25 |
| 14 | An energy absorption performance index for cellular materials – development of a side-impact cork padding. <i>International Journal of Crashworthiness</i> , 2011, 16, 135-153. | 1.1 | 28 |
| 15 | Hyperelastic and dynamical behaviour of cork and its performance in energy absorption devices and crashworthiness applications. <i>International Journal of Materials Engineering Innovation</i> , 2009, 1, 197. | 0.2 | 12 |
| 16 | On the Use of Polyurethane Foam Paddings to Improve Passive Safety in Crashworthiness Applications. , 0, , . | | 6 |