# Mariana Paulino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/226990/publications.pdf

Version: 2024-02-01

| 16 | 362 | 840585 11 | 996849 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 16 | 16 | 16 | 414 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

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