

Remon Pop-Iliev

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6697255/publications.pdf>

Version: 2024-02-01

9
papers

165
citations

1307594

7
h-index

1474206

9
g-index

9
all docs

9
docs citations

9
times ranked

175
citing authors

| # | ARTICLE | IF | CITATIONS |
|---|--|-----|-----------|
| 1 | Battery-and wire-less tire pressure measurement systems (TPMS) sensor. <i>Microsystem Technologies</i> , 2012, 18, 1201-1212. | 2.0 | 29 |
| 2 | Effects of design, porosity and biodegradation on mechanical and morphological properties of additive-manufactured triply periodic minimal surface scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104064. | 3.1 | 29 |
| 3 | Development of a Dual-Fuel Power Generation System for an Extended Range Plug-in Hybrid Electric Vehicle. <i>IEEE Transactions on Industrial Electronics</i> , 2010, 57, 641-648. | 7.9 | 25 |
| 4 | Development, processing and characterization of Polycaprolactone/Nano-Hydroxyapatite/Chitin-Nano-Whisker nanocomposite filaments for additive manufacturing of bone tissue scaffolds. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 120, 104583. | 3.1 | 21 |
| 5 | Towards Analysis and Optimization of Electrospun PVP (Polyvinylpyrrolidone) Nanofibers. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-9. | 1.7 | 20 |
| 6 | Visualization of the foaming mechanism of polyethylene blown by chemical blowing agents under ambient pressure. <i>Advances in Polymer Technology</i> , 2007, 26, 213-222. | 1.7 | 19 |
| 7 | Effect of Mixing Intensity on Foaming Behavior of LLDPE/HDPE Blends in Thermal Induced Batch Process. <i>Polymer-Plastics Technology and Engineering</i> , 2016, 55, 949-964. | 1.9 | 12 |
| 8 | Enhancing the accuracy and efficiency of characterizing polymeric cellular structures using 3D-based computed tomography. <i>Journal of Cellular Plastics</i> , 2020, , 0021955X2094855. | 2.4 | 7 |
| 9 | Experimental investigation of low-frequency sound absorption characteristics of electro-spun Polyvinylpyrrolidone (PVP) membranes. <i>Polymer</i> , 2022, 245, 124704. | 3.8 | 3 |