

Haibin Zhao

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3792775/publications.pdf>

Version: 2024-02-01

13
papers

274
citations

1040056

9
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

359
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface treatment of <i>multiwalled</i> carbon nanotubes and the formation of the <i>multiscale</i> conductivity network in long carbon fiber reinforced polypropylene. <i>Polymer Composites</i> , 2022, 43, 4645-4659.	4.6	4
2	Design and <i>multi-objective</i> optimization of the bumper beams prepared in long glass fiber reinforced polypropylene. <i>Polymer Composites</i> , 2021, 42, 2933-2947.	4.6	15
3	Structural optimization and finite element analysis of <i>poly-L-lactide</i> acid coronary stent with improved radial strength and acute recoil rate. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2754-2764.	3.4	16
4	Strong and thermally insulating polylactic acid/glass fiber composite foam fabricated by supercritical carbon dioxide foaming. <i>International Journal of Biological Macromolecules</i> , 2019, 138, 144-155.	7.5	48
5	The effects of urea and caprolactam on the molecular mechanisms and elastic modulus of polyvinyl alcohol (PVA): A molecular dynamics simulation study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 87, 10-18.	3.1	11
6	Structural evolution of uniaxial tensile-deformed injection molded poly(ϵ -caprolactone)/hydroxyapatite composites. <i>Polymer Composites</i> , 2017, 38, 1771-1782.	4.6	4
7	Molecular and condition parameters dependent diffusion coefficient of water in poly(vinyl alcohol): a molecular dynamics simulation study. <i>Colloid and Polymer Science</i> , 2017, 295, 859-868.	2.1	5
8	Fabrication of water soluble poly(vinyl alcohol) based composites with improved thermal behavior for potential three-dimensional printing application. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	2.6	32
9	Microcellular injection molded polylactic acid/poly (μ -caprolactone) blends with supercritical CO ₂ : Correlation between rheological properties and their foaming behavior. <i>Polymer Engineering and Science</i> , 2016, 56, 939-946.	3.1	21
10	Mechanical and thermal properties of conventional and microcellular injection molded poly (lactic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 53, 59-67.	3.1	35
11	Enhancing Nanofiller Dispersion Through Prefoaming and Its Effect on the Microstructure of Microcellular Injection Molded Poly(lactic Acid)/Clay Nanocomposites. <i>Industrial & Engineering Chemistry Research</i> , 2015, 54, 7122-7130.	3.7	34
12	Fabrication of polylactic acid/polyethylene glycol (<i>PLA</i> / <i>PEG</i>) porous scaffold by supercritical CO ₂ foaming and particle leaching. <i>Polymer Engineering and Science</i> , 2015, 55, 1339-1348.	3.1	48
13	Fabrication of Microcellular Injection Molded Polypropylene with Super High Expansion Ratio by Precision Mold Opening Technology. <i>Macromolecular Materials and Engineering</i> , 0, , 2200112.	3.6	1