

Asha-Dee N Celestine

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8392830/publications.pdf>

Version: 2024-02-01

14
papers

275
citations

1039406

9
h-index

1058022

14
g-index

15
all docs

15
docs citations

15
times ranked

294
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Healing in high impact polystyrene (<sc>HIPS</sc>) composites via embedded non-toxic solvent-filled microcapsules. Journal of Applied Polymer Science, 2022, 139, 51463.	1.3	5
2	Moisture-induced changes in the mechanical behavior of 3D printed polymers. Composites Part C: Open Access, 2022, 7, 100243.	1.5	30
3	Fused Filament Fabrication 3D Printing of Self-Healing High-Impact Polystyrene Thermoplastic Polymer Composites Utilizing Eco-friendly Solvent-Filled Microcapsules. ACS Applied Polymer Materials, 2022, 4, 3324-3332.	2.0	7
4	High-fracture-toughness acrylic-polyurethane-based graft-interpenetrating polymer networks for transparent applications. Polymer International, 2021, 70, 636-647.	1.6	6
5	Mechanical performance of vinyl ester-polyurethane interpenetrating polymer network composites. Journal of Applied Polymer Science, 2021, 138, 50411.	1.3	14
6	Mechanical characterization and modeling stress relaxation behavior of acrylic-polyurethane-based <sc>graft-interpenetrating</sc> polymer networks. Polymer Engineering and Science, 2021, 61, 1299-1309.	1.5	13
7	Hydrogen-Based Energy Storage Systems for Large-Scale Data Center Applications. Sustainability, 2021, 13, 12654.	1.6	2
8	Experimental and numerical investigation into mechanical degradation of polymers. Composites Part B: Engineering, 2020, 201, 108369.	5.9	12
9	Stereolithography 3D Printing of Microcapsule Catalyst-Based Self-Healing Composites. ACS Applied Polymer Materials, 2020, 2, 5048-5057.	2.0	25
10	Strain and stress mapping by mechanochemical activation of spiropyran in poly(methyl methacrylate). Strain, 2019, 55, e12310.	1.4	25
11	Self-Healing Materials: Autonomic Healing of Acrylic Bone Cement (Adv. Healthcare Mater. 2/2015). Advanced Healthcare Materials, 2015, 4, 170-170.	3.9	2
12	Autonomic healing of PMMA via microencapsulated solvent. Polymer, 2015, 69, 241-248.	1.8	30
13	Autonomic Healing of Acrylic Bone Cement. Advanced Healthcare Materials, 2015, 4, 202-207.	3.9	20
14	Fracture-induced activation in mechanophore-linked, rubber toughened PMMA. Polymer, 2014, 55, 4164-4171.	1.8	84