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		shielding capability and superior absorption based on pre-constructed macroscopic conductive framework		
3		Bioderived and Biodegradable Poly(3-hydroxybutyrate-co-3-hydroxyvalerate) Nanocomposites Based on Carbon Nanotubes: Microstructure Observation and EMI Shielding Property Improvement	ACS Sustainable Chemistry and Engineering	2021, 9(32)
4		Enhanced nonisothermal crystallization nucleating agent	ACS Macro Letters	2021, 10(1)
5		Long-term protective mechanism of poly(N-methylaniline)/phosphate one-step electropolymerized coatings for copper in 3.5% NaCl solution	Journal of Alloys and Compounds	2021, 872
6		A phosphorous-based bi-functional flame retardant for rigid polyurethane foam	Polymer Degradation and Stability	2021, 186
7		Effect of chain extender and light stabilizer on the weathering resistance of PBAT/PLA blend films prepared by extrusion blowing	Polymer Degradation and Stability	2021, 183
8		Thermal enthalpy regulation of methyl hexadecanoate/silica microcapsules with CTAB as emulsifier maintaining fixed core/shell ratio	Journal of Thermal Analysis and Calorimetry	2021
9		Multifunctional nucleating agents with simultaneous plasticizing, solubilizing, nucleating and their effect on polyvinyl alcohol foams	The Journal of Supercritical Fluids	2021, 170
10		Vermicular Ni@RL-CS: Preparation, characterization and its applications in electromagnetic shielding	Ceramics International	2021, 47(20)
11		Gas barrier properties of furan-based polyester films analyzed experimentally and by molecular simulations	Polymer	2021, 233
12		Peculiar micro and nano cell morphology of PBT/PTFE nanofibrillated composite foams of supercritical CO <sub>2</sub> foaming induced by in-situ formed 3D PTFE nanofiber networks	Polymer	2021, 232
13		The role of PTFE in-situ fibrillation on PET microcellular foaming	Polymer	2021, 212
14		Effects of CaCO <sub>3</sub> surface modification and water spraying on the weathering properties of PBAT/CaCO <sub>3</sub> films	Polymer Testing	2021, 102
15		Effect of multi-functional epoxy chain extender on the weathering resistance performance of Poly(butylene adipate-co-terephthalate) (PBAT)	Polymer Testing	2021, 99



16	Construction of crosslinking network structures by adding ZnO and ADR in intumescent flame retardant PLA composites	Polymer for Advanced Technologies	2022, 33(1)
17	A tough, anti-freezing and conductive nanocomposite interpenetrated organohydrogel mediated by hydrogen bonding	New Journal of Chemistry	2021, 45(32)
18	The effects of DOPO modified Co-based metalorganic framework on flame retardancy, stiffness and thermal stability of epoxy resin	RSC Advances	2021, 11(12)
19	Up-conversion luminescence and optical temperature sensing properties of Ho <sup>3+</sup> -doped double-tungstate LiYb(WO <sub>4</sub> ) <sub>2</sub> phosphors	Journal of Materials Science-Materials in Electronics	2021, 32(13)
20	Self-trapped exciton to dopant energy transfer in Sb <sup>3+</sup> -doped Cs <sub>2</sub> ZrCl <sub>6</sub> perovskite variants	Materials Chemistry Frontiers	2021, 5 (16)
21	Novel high-efficiency up-conversion luminescence of Er <sup>3+</sup> doped LiYbW <sub>2</sub> O <sub>8</sub> phosphors for optical temperature sensing investigation	Optik	2021, 242
22	Crystal Structure and Luminescence Properties of Dy <sup>3+</sup> -Doped Double-Perovskite Tellurites	Journal of Electronic Materials	2021, 51(1)







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