

Interface decoration of exfoliated MXene ultra-thin nanosheets and their mechanical and thermal property  
suppressions of thermoplastic polyurethane elastomer

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Functionalization with MXene ( $\text{Ti}_3\text{C}_2$ ) Enhances the Wettability and Shear Strength of Carbon Fiber-Epoxy Composites. ACS Applied Nano Materials, 2019, 2, 5553-5562.	2.4	60
2	Simultaneous fire safety enhancement and mechanical reinforcement of poly(lactic acid) biocomposites with hexaphenyl (nitrilotris(ethane-2,1-diyl))tris(phosphoramidate). Journal of Hazardous Materials, 2019, 380, 120856.	6.5	43
3	Synergistic effect between phosphorus tailings and aluminum hypophosphite in flame-retardant thermoplastic polyurethane composites. Polymers for Advanced Technologies, 2019, 30, 2480-2487.	1.6	25
4	Hierarchical assembly of polystyrene/graphitic carbon nitride/reduced graphene oxide nanocomposites toward high fire safety. Composites Part B: Engineering, 2019, 179, 107541.	5.9	51
5	Highly Effective Flame-Retardant Rigid Polyurethane Foams: Fabrication and Applications in Inhibition of Coal Combustion. Polymers, 2019, 11, 1776.	2.0	36
6	Polyethylene glycol supported by phosphorylated polyvinyl alcohol/graphene aerogel as a high thermal stability phase change material. Composites Part B: Engineering, 2019, 179, 107545.	5.9	82
7	Influence of Eddy-Generation Mechanism on the Characteristic of On-Source Fire Whirl. Applied Sciences (Switzerland), 2019, 9, 3989.	1.3	11
8	Solar heat shielding performance of potassium titanate whisker coated polypropylene fabric based on a bionic method. Composites Part B: Engineering, 2019, 177, 107408.	5.9	14
9	A stable, ultrasensitive and flexible substrate integrated from 1D $\text{Ag}/\text{Fe}_2\text{O}_3/\text{SiO}_2$ fibers for practical surface-enhanced Raman scattering detection. Composites Part B: Engineering, 2019, 177, 107376.	5.9	12
10	Significantly improved dielectric properties of polylactide nanocomposites via $\text{TiO}_2$ decorated carbon nanotubes. Composites Part A: Applied Science and Manufacturing, 2019, 127, 105650.	3.8	59
11	Robust, Lightweight, Hydrophobic, and Fire-Retarded Polyimide/MXene Aerogels for Effective Oil/Water Separation. ACS Applied Materials & Interfaces, 2019, 11, 40512-40523.	4.0	230
12	Large-scale production of simultaneously exfoliated and Functionalized Mxenes as promising flame retardant for polyurethane. Composites Part B: Engineering, 2019, 179, 107486.	5.9	103
13	Functionalization of MXene Nanosheets for Polystyrene towards High Thermal Stability and Flame Retardant Properties. Polymers, 2019, 11, 976.	2.0	93
14	Highly efficient flame retardant and smoke suppression mechanism of boron modified graphene Oxide/Poly(Lactic acid) nanocomposites. Carbon, 2019, 150, 8-20.	5.4	91
15	Flame retardant poly (lactic acid) biocomposites based on azo-boron coupled 4,4'-sulfonyldiphenol and its combination with calcium lignosulfonate" Crystalline and mechanical properties. Polymers for Advanced Technologies, 2019, 30, 2207-2220.	1.6	13
16	A novel phosphorus-containing $\text{MoS}_2$ hybrid: Towards improving the fire safety of epoxy resin. Journal of Colloid and Interface Science, 2019, 550, 210-219.	5.0	37
17	Synergistic Effects of Two-Dimensional MXene and Ammonium Polyphosphate on Enhancing the Fire Safety of Polyvinyl Alcohol Composite Aerogels. Polymers, 2019, 11, 1964.	2.0	46
18	Self-reduction bimetallic nanoparticles on ultrathin MXene nanosheets as functional platform for pesticide sensing. Journal of Hazardous Materials, 2020, 384, 121358.	6.5	160

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19	MXene/chitosan nanocoating for flexible polyurethane foam towards remarkable fire hazards reductions. <i>Journal of Hazardous Materials</i> , 2020, 381, 120952.	6.5	174
20	Crosstalk of PIF4 and DELLA modulates CBF transcript and hormone homeostasis in cold response in tomato. <i>Plant Biotechnology Journal</i> , 2020, 18, 1041-1055.	4.1	65
21	Mxene functionalized polymer composites: Synthesis and applications. <i>European Polymer Journal</i> , 2020, 122, 109367.	2.6	107
22	A compact directional microstrip antenna with wide bandwidth, high gain, and high front-to-back ratio. <i>Microwave and Optical Technology Letters</i> , 2020, 62, 308-314.	0.9	5
23	Centered kernel alignment inspired fuzzy support vector machine. <i>Fuzzy Sets and Systems</i> , 2020, 394, 110-123.	1.6	16
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37	Mechanical, Thermal, and Rheological Properties of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/Thermoplastic Polyurethane Nanocomposites. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2000343.	1.7	44
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