

# Linghan Xiao

## List of Publications by Year in descending order

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18  
papers

485  
citations

840776

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h-index

839539

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18  
docs citations

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times ranked

623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modifying Fe <sub>3</sub> O <sub>4</sub> -Functionalized Nanoparticles with N-Halamine and Their Magnetic/Antibacterial Properties. ACS Applied Materials & Interfaces, 2011, 3, 4228-4235.	8.0	133
2	A novel "bridging method to graft graphene oxide onto carbon fiber for interfacial enhancement of epoxy composites. Composites Science and Technology, 2021, 201, 108489.	7.8	51
3	Improving interfacial properties and thermal conductivity of carbon fiber/epoxy composites via the solvent-free GO@Fe <sub>3</sub> O <sub>4</sub> nanofluid modified water-based sizing agent. Composites Science and Technology, 2021, 209, 108788.	7.8	48
4	Preparation of carbon nanotube/copper/carbon fiber hierarchical composites by electrophoretic deposition for enhanced thermal conductivity and interfacial properties. Journal of Materials Science, 2018, 53, 8108-8119.	3.7	44
5	Surface arming magnetic nanoparticles with amine N-halamines as recyclable antibacterial agents: Construction and evaluation. Colloids and Surfaces B: Biointerfaces, 2016, 144, 319-326.	5.0	36
6	Enhanced tribological performance of PEEK/SCF/PTFE hybrid composites by graphene. RSC Advances, 2017, 7, 33450-33458.	3.6	36
7	Improving the interfacial properties of carbon fibers/vinyl ester composites by vinyl functionalization on the carbon fiber surface. RSC Advances, 2016, 6, 29428-29436.	3.6	22
8	Structural changes of polyacrylonitrile fibers in the process of wet spinning. Journal of Applied Polymer Science, 2020, 137, 48905.	2.6	17
9	The influence of oxygen on skin-core structure of polyacrylonitrile-based precursor fibers. Polymer, 2020, 197, 122516.	3.8	17
10	The influence of stabilization efficiency on skin-core structure and properties of polyacrylonitrile fibers. Journal of Materials Science, 2020, 55, 3408-3418.	3.7	15
11	Enhanced UV stability of N-halamine-immobilized Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> @TiO <sub>2</sub> nanoparticles: synthesis, characteristics and antibacterial property. New Journal of Chemistry, 2020, 44, 10352-10358.	2.8	14
12	Directly coating silanized nanocrystalline cellulose on carbon fiber for enhancing the interfacial adhesion of carbon fiber/epoxy resin composites. Polymer Composites, 2019, 40, E744.	4.6	13
13	Fabrication of graphene oxide microcapsules based on Pickering emulsions for self-healing water-borne epoxy resin coatings. Progress in Organic Coatings, 2021, 155, 106221.	3.9	12
14	Fabrication of microcapsule-type composites with the capability of underwater self-healing and damage visualization. RSC Advances, 2020, 10, 33675-33682.	3.6	10
15	Non-isothermal crystallization kinetics of poly(ether sulfone) functionalized graphene reinforced poly(ether ether ketone) composites. Polymer Testing, 2021, 97, 107150.	4.8	10
16	Improving the interfacial property of carbon fibre/epoxy resin composites by grafting amine-capped cross-linked polyacrylic acid. Surface and Interface Analysis, 2019, 51, 199-209.	1.8	4
17	Self-assembled graphene oxide microcapsules in Pickering emulsions for photo-responsive self-healing epoxy coatings. Journal of Applied Polymer Science, 2022, 139, .	2.6	2
18	Different role of graphene for nonisothermal crystallization behavior of graphene filled poly(ether) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 00	0.8	1