

# Linghan Xiao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2988266/publications.pdf>

Version: 2024-02-01

18  
papers

485  
citations

840776

11  
h-index

839539

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

623  
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-assembled graphene oxide microcapsules in Pickering emulsions for photo-responsive self-healing epoxy coatings. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	2.6	2
2	A novel "bridging" method to graft graphene oxide onto carbon fiber for interfacial enhancement of epoxy composites. <i>Composites Science and Technology</i> , 2021, 201, 108489.	7.8	51
3	Non-isothermal crystallization kinetics of poly(ether sulfone) functionalized graphene reinforced poly(ether ether ketone) composites. <i>Polymer Testing</i> , 2021, 97, 107150.	4.8	10
4	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. <i>Composites Science and Technology</i> , 2021, 209, 108788.	7.8	48
5	Fabrication of graphene oxide microcapsules based on Pickering emulsions for self-healing water-borne epoxy resin coatings. <i>Progress in Organic Coatings</i> , 2021, 155, 106221.	3.9	12
6	The influence of stabilization efficiency on skin-core structure and properties of polyacrylonitrile fibers. <i>Journal of Materials Science</i> , 2020, 55, 3408-3418.	3.7	15
7	Fabrication of microcapsule-type composites with the capability of underwater self-healing and damage visualization. <i>RSC Advances</i> , 2020, 10, 33675-33682.	3.6	10
8	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. <i>New Journal of Chemistry</i> , 2020, 44, 10352-10358.	2.8	14
9	Different role of graphene for nonisothermal crystallization behavior of graphene filled poly(ether) Tj ETQq1 1 0.784314 rgBT <sub>1</sub> /Overlo	0.8	1
10	Structural changes of polyacrylonitrile fibers in the process of wet spinning. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48905.	2.6	17
11	The influence of oxygen on skin-core structure of polyacrylonitrile-based precursor fibers. <i>Polymer</i> , 2020, 197, 122516.	3.8	17
12	Directly coating silanized nanocrystalline cellulose on carbon fiber for enhancing the interfacial adhesion of carbon fiber/epoxy resin composites. <i>Polymer Composites</i> , 2019, 40, E744.	4.6	13
13	Improving the interfacial property of carbon fibre/epoxy resin composites by grafting amine-capped cross-linked poly-taconic acid. <i>Surface and Interface Analysis</i> , 2019, 51, 199-209.	1.8	4
14	Preparation of carbon nanotube/copper/carbon fiber hierarchical composites by electrophoretic deposition for enhanced thermal conductivity and interfacial properties. <i>Journal of Materials Science</i> , 2018, 53, 8108-8119.	3.7	44
15	Enhanced tribological performance of PEEK/SCF/PTFE hybrid composites by graphene. <i>RSC Advances</i> , 2017, 7, 33450-33458.	3.6	36
16	Improving the interfacial properties of carbon fibers/vinyl ester composites by vinyl functionalization on the carbon fiber surface. <i>RSC Advances</i> , 2016, 6, 29428-29436.	3.6	22
17	Surface arming magnetic nanoparticles with amine N-halamines as recyclable antibacterial agents: Construction and evaluation. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 144, 319-326.	5.0	36
18	Modifying Fe <sub>3</sub> O <sub>4</sub> -Functionalized Nanoparticles with N-Halamine and Their Magnetic/Antibacterial Properties. <i>ACS Applied Materials &amp; Interfaces</i> , 2011, 3, 4228-4235.	8.0	133