

# Xiping Li

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

781  
citations

623734

14  
h-index

501196

28  
g-index

30  
all docs

30  
docs citations

30  
times ranked

693  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible PVDF/CNTs/Ni@CNTs composite films possessing excellent electromagnetic interference shielding and mechanical properties under heat treatment. <i>Carbon</i> , 2019, 155, 34-43.	10.3	99
2	Quick Heat Dissipation in Absorption-Dominated Microwave Shielding Properties of Flexible Poly(vinylidene fluoride)/Carbon Nanotube/Co Composite Films with Anisotropy-Shaped Co (Flowers) Tj ETQq0 0 0sgBT /Overlock 10 Tf	8.6	10
3	Flexible PVDF/carbon materials/Ni composite films maintaining strong electromagnetic wave shielding under cyclic microwave irradiation. <i>Journal of Materials Chemistry C</i> , 2020, 8, 500-509.	5.5	76
4	Surface topography induced high injection joining strength of polymer-metal composite and fracture mechanism. <i>Composite Structures</i> , 2018, 184, 545-553.	5.8	51
5	Improving the strength of injection molded aluminum/polyphenylene sulfide lap joints dependence on surface microstructure and composition. <i>Materials and Design</i> , 2019, 179, 107875.	7.0	49
6	Highly Compressible Polymer Composite Foams with Thermal Heating-Boosted Electromagnetic Wave Absorption Abilities. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 50793-50802.	8.0	47
7	Enhancing the joining strength of injection-molded polymer-metal hybrids by rapid heating and cooling. <i>Journal of Materials Processing Technology</i> , 2017, 249, 386-393.	6.3	46
8	Stretchable polyurethane composite foam triboelectric nanogenerator with tunable microwave absorption properties at elevated temperature. <i>Nano Energy</i> , 2021, 89, 106397.	16.0	37
9	Surface nanostructure and wettability inducing high bonding strength of polyphenylene sulfide-aluminum composite structure. <i>Applied Surface Science</i> , 2020, 515, 145996.	6.1	36
10	Aluminum/polypropylene composites produced through injection molding. <i>Journal of Materials Processing Technology</i> , 2018, 255, 635-643.	6.3	35
11	Viscoelastic and Magnetically Aligned Flaky Fe-Based Magnetorheological Elastomer Film for Wide-Bandwidth Electromagnetic Wave Absorption. <i>Industrial &amp; Engineering Chemistry Research</i> , 2020, 59, 3425-3437.	3.7	26
12	Flexible and high performance of n-type thermoelectric PVDF composite film induced by nickel nanowires. <i>Materials and Design</i> , 2020, 188, 108496.	7.0	23
13	Super-high bonding strength of polyphenylene sulfide-aluminum alloy composite structure achieved by facile molding methods. <i>Composites Part B: Engineering</i> , 2021, 224, 109204.	12.0	17
14	Preparation of high-expansion open-cell polylactic acid foam with superior oil-water separation performance. <i>International Journal of Biological Macromolecules</i> , 2021, 193, 1059-1067.	7.5	16
15	Experimental and numerical study on the tensile properties of Tâ€™joints with low Zâ€™pin volume density. <i>Polymer Composites</i> , 2020, 41, 258-270.	4.6	14
16	Temperatureâ€™Dependent Electromagnetic Microwave Absorbing Characteristics of Stretchable Polyurethane Composite Foams with Ultrawide Bandwidth. <i>Advanced Engineering Materials</i> , 2022, 24, 2101489.	3.5	14
17	Research on thermal stress, deformation, and fatigue lifetime of the rapid heating cycle injection mold. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 45, 261-275.	3.0	12
18	Fiber orientation in melt confluent process for reinforced injection molded part. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 90, 1457-1463.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Highly stretchable and self-foaming polyurethane composite skeleton with thermally tunable microwave absorption properties. <i>Nanotechnology</i> , 2021, 32, 225703.	2.6	11
20	Effect of metal surface state on injection joining strength of aluminum-rubber composite part. <i>Journal of Manufacturing Processes</i> , 2020, 49, 365-372.	5.9	10
21	Enhanced thermal properties of polyamide 6, 6 composite/aluminum hybrid via injection joining strategy. <i>International Communications in Heat and Mass Transfer</i> , 2020, 116, 104696.	5.6	9
22	Effect of microstructure induced by microcellular injection molding on electromagnetic interference shielding properties. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50532.	2.6	9
23	Ultrahigh and Tunable Electromagnetic Interference Shielding Performance of PVDF Composite Induced by Nano-Micro Cellular Structure. <i>Polymers</i> , 2022, 14, 234.	4.5	9
24	Highly enhanced joint strength of direct-injection-moulded polyphenylene sulphide-magnesium composite by PEO coated interface. <i>Surface and Coatings Technology</i> , 2020, 404, 126565.	4.8	8
25	Effect of surface topography on injection joining Ti alloy for improved bonding strength of metal-polymer. <i>Surface and Coatings Technology</i> , 2022, 433, 128132.	4.8	7
26	Capacities of Zâ€pinning in improving the bending performance of composite Tâ€joints. <i>Polymer Composites</i> , 2020, 41, 2125-2133.	4.6	6
27	Multi-Objective Optimization of the Heating Rods Layout for Rapid Electrical Heating Cycle Injection Mold. <i>Journal of Mechanical Design, Transactions of the ASME</i> , 2010, 132, .	2.9	5
28	Rheological/crystallization behavior of PP/graphite nanosheet composites and performance of microcellular foaming plastics. <i>Composites Communications</i> , 2022, 32, 101133.	6.3	5
29	Design of motion control system of butt girth welds scanner for oil and gas pipeline. , 2011, , .		0
30	Advances in Polymer Technology Application of Pareto-Based Genetic Algorithm in Determining Layout of Heating Rods for a Plastic Injection Mold. <i>Advances in Polymer Technology</i> , 2020, 2020, 1-7.	1.7	0