

Shixin Sx Song

List of Publications by Year in descending order

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25
papers

698
citations

840776

11
h-index

610901

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25
docs citations

25
times ranked

943
citing authors

#	ARTICLE	IF	CITATIONS
1	Bioinspired Dynamic Cross-Linking Hydrogel Sensors with Skin-like Strain and Pressure Sensing Behaviors. <i>Chemistry of Materials</i> , 2019, 31, 9522-9531.	6.7	195
2	Robust and flexible strain sensors based on dual physically cross-linked double network hydrogels for monitoring human-motion. <i>Chemical Engineering Journal</i> , 2018, 354, 817-824.	12.7	193
3	Highly tough, anti-fatigue and rapidly self-recoverable hydrogels reinforced with core-shell inorganic-organic hybrid latex particles. <i>Soft Matter</i> , 2017, 13, 6059-6067.	2.7	49
4	Enhanced properties of poly(lactic acid) with silica nanoparticles. <i>Polymers for Advanced Technologies</i> , 2016, 27, 1156-1163.	3.2	44
5	Improving the electroactive phase, thermal and dielectric properties of PVDF/graphene oxide composites by using methyl methacrylate-co-glycidyl methacrylate copolymers as compatibilizer. <i>Journal of Materials Science</i> , 2019, 54, 3832-3846.	3.7	37
6	Tailored Ionic Liquids Encapsulation Method Endowing Hydrogels with Excellent Mechanical and Catalytic Activity. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 5975-5984.	6.7	22
7	Compatibilization effect of MMA-co-GMA copolymers on the properties of polyamide 6/Poly(vinylidene fluoride) blends. <i>Journal of Applied Polymer Science</i> , 2017, 124, 1078-1084.	2.4	17
8	A Facile Strategy to Enhance the Dielectric and Mechanical Properties of MWCNTs/PVDF Composites with the Aid of MMA-co-GMA Copolymer. <i>Materials</i> , 2018, 11, 347.	2.9	17
9	The influence of organic montmorillonite on the breakdown strength and energy density of poly(vinylidene fluoride)-based nanocomposites. <i>Journal of Applied Polymer Science</i> , 2022, 139, 51945.	2.6	15
10	Highly modified polylactide transparent blends with better heat resistance, melt strength, toughness and stiffness balance due to the compatibilization and chain extender effects of methacrylate-co-glycidyl methacrylate copolymer. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50124.	2.6	14
11	Fluoro-polymer-coated carbon nanotubes for improved interfacial interactions and dielectric properties in MWCNTs/PVDF composites. <i>Journal of Materials Science</i> , 2020, 55, 3212-3227.	3.7	13
12	Effect of shell phase composition on the dielectric property and energy density of core-shell structured BaTiO ₃ particles modified poly(vinylidene fluoride) nanocomposites. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50486.	2.6	10
13	Modification of the reactive core-shell particles properties to prepare PBT/PC blends with higher toughness and stiffness. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	9
14	Grafting Modification of the Reactive Core-Shell Particles to Enhance the Toughening Ability of Polylactide. <i>Materials</i> , 2017, 10, 957.	2.9	9
15	Effect of core-shell particles dispersed morphology on the toughening behavior of PBT/PC blends. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	8
16	Enhanced properties of poly(vinylidene fluoride) with low filler content SiO ₂ -g-(MMA-co-BA) core-shell nanoparticles. <i>Journal of Polymer Research</i> , 2016, 23, 1.	2.4	7
17	Performance improvement of poly(vinylidene fluoride) by in situ copolymerization of methyl methacrylate and ionic liquid. <i>Macromolecular Research</i> , 2017, 25, 1163-1171.	2.4	7
18	Inhibited transesterification on the properties of reactive core-shell particles toughened poly(butylene terephthalate) and polycarbonate blends. <i>Journal of Polymer Research</i> , 2015, 22, 1.	2.4	6

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19	The thiol group modified multi-wall carbon nanotubes to enhance the dielectric properties of polystyrene. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	6
20	Integration of PDA Chemistry and Surface-initiated ATRP to Prepare Poly(methyl methacrylate)-Grafted Carbon Nanotubes and Its Effect on Poly(vinylidene fluoride)-Carbon Nanotube Composite Properties. <i>Macromolecular Materials and Engineering</i> , 2019, 304, 1900176.	3.6	5
21	Enhanced electroactive phase, toughness and dielectric properties of poly(vinylidene fluoride) with addition of MMA-BA-IL copolymer. <i>Journal of Polymer Research</i> , 2018, 25, 1.	2.4	4
22	Epoxy-based ionic liquid towards multi-walled-carbon nanotubes/polybutylene terephthalate composite with excellent dispersion and conductivity behaviors. <i>Journal of Polymer Research</i> , 2020, 27, 1.	2.4	4
23	Enhanced the melt strength, toughness and stiffness balance of the reactive PB-g-SAG core-shell particles modified polylactide blends with the aid of a multifunctional epoxy-based chain extender. <i>Journal of Polymer Research</i> , 2021, 28, 1.	2.4	4
24	Cooperative modification of PVDF electroactive films due to the exfoliated and oriented Na ⁺ -MMT with assistance of different cationic chain length ionic liquids. <i>Journal of Applied Polymer Science</i> , 0, 52238.	2.6	2
25	Research of the synthesis and film performance of silica/poly(St-BA-MPS) core-shell latexes obtained by miniemulsion co-polymerization. <i>Macromolecular Research</i> , 2017, 25, 408-414.	2.4	1