

Xueying Liu

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

767
citations

471509

17
h-index

713466

21
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21
all docs

21
docs citations

21
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Conductive, self-healing and recyclable electrodes for dielectric elastomer generator with high energy density. <i>Chemical Engineering Journal</i> , 2022, 429, 132258.	12.7	21
2	Largely improved generating energy density, efficiency, and fatigue life of DEG by designing TiO ₂ /LNBR/SiR DE composites with a self-assembled structure. <i>Journal of Materials Chemistry A</i> , 2022, 10, 9524-9534.	10.3	9
3	Thermoplastic Polyurethane Dielectric Elastomers with High Actuated Strain and Good Mechanical Strength by Introducing Ester Group Grafted Polymethylvinylsiloxane. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 4883-4891.	3.7	19
4	Dielectric elastomer sensor with high dielectric constant and capacitive strain sensing properties by designing polar-nonpolar fluorosilicone multiblock copolymers and introducing poly(dopamine) modified CNTs. <i>Composites Part B: Engineering</i> , 2021, 223, 109103.	12.0	33
5	Grafting of Isobutylene-Isoprene Rubber with Glycidyl Methacrylate and Its Reactive Compatibilization Effect on Isobutylene-Isoprene Rubber/Polyamides 12 Blends. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 16258-16266.	3.7	13
6	Silicone dielectric elastomer with improved actuated strain at low electric field and high self-healing efficiency by constructing supramolecular network. <i>Chemical Engineering Journal</i> , 2020, 384, 123242.	12.7	81
7	Physiological characteristics and metabolomics reveal the tolerance mechanism to low nitrogen in <i>Glycine soja</i> leaves. <i>Physiologia Plantarum</i> , 2020, 168, 819-834.	5.2	23
8	A supramolecular silicone dielectric elastomer with a high dielectric constant and fast and highly efficient self-healing under mild conditions. <i>Journal of Materials Chemistry A</i> , 2020, 8, 23330-23343.	10.3	43
9	Mechanical, dielectric and actuated properties of carboxyl grafted silicone elastomer composites containing epoxy-functionalized TiO ₂ filler. <i>Chemical Engineering Journal</i> , 2020, 393, 124791.	12.7	55
10	Metabolomics reveals the drought-tolerance mechanism in wild soybean (<i>Glycine soja</i>). <i>Acta Physiologiae Plantarum</i> , 2019, 41, 1.	2.1	19
11	Physiological and metabolomics analyses of young and old leaves from wild and cultivated soybean seedlings under low-nitrogen conditions. <i>BMC Plant Biology</i> , 2019, 19, 389.	3.6	21
12	Simultaneously improved dielectric and mechanical properties of silicone elastomer by designing a dual crosslinking network. <i>Polymer Chemistry</i> , 2019, 10, 633-645.	3.9	51
13	The role of dipole structure and their interaction on the electromechanical and actuation performance of homogeneous silicone dielectric elastomers. <i>Polymer</i> , 2019, 165, 1-10.	3.8	42
14	Electrochemical sensor based on novel two-dimensional nanohybrids: MoS ₂ nanosheets conjugated with organic copper nanowires for simultaneous detection of hydrogen peroxide and ascorbic acid. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 112-119.	6.0	33
15	Epitaxial Crystallization of Isotactic Poly(methyl methacrylate) from Different States on Highly Oriented Polyethylene Thin Film. <i>Journal of Physical Chemistry B</i> , 2018, 122, 9425-9433.	2.6	19
16	Fine-mapping qFS07.1 controlling fiber strength in upland cotton (<i>Gossypium hirsutum</i> L.). <i>Theoretical and Applied Genetics</i> , 2017, 130, 795-806.	3.6	63
17	Enriching an intraspecific genetic map and identifying QTL for fiber quality and yield component traits across multiple environments in Upland cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Genetics and Genomics</i> , 2017, 292, 1281-1306.	2.1	36
18	Electrostatic Assembly of Platinum Nanoparticles along Electrospun Polymeric Nanofibers for High Performance Electrochemical Sensors. <i>Nanomaterials</i> , 2017, 7, 236.	4.1	18

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19	Fine mapping and RNA-Seq unravels candidate genes for a major QTL controlling multiple fiber quality traits at the T1 region in upland cotton. <i>BMC Genomics</i> , 2016, 17, 295.	2.8	31
20	A high density genetic map and QTL for agronomic and yield traits in Foxtail millet [<i>Setaria italica</i> (L.) P. Beauv.]. <i>BMC Genomics</i> , 2016, 17, 336.	2.8	83
21	Construction of a high-density genetic map and lint percentage and cottonseed nutrient trait QTL identification in upland cotton (<i>Gossypium hirsutum</i> L.). <i>Molecular Genetics and Genomics</i> , 2015, 290, 1683-1700.	2.1	54