

Xiaohui Wu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10291698/publications.pdf>

Version: 2024-02-01

18
papers

720
citations

1039880

9
h-index

839398

18
g-index

18
all docs

18
docs citations

18
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Silica Modified by Alcohol Polyoxyethylene Ether and Silane Coupling Agent Together to Achieve High Performance Rubber Composites Using the Latex Compounding Method. <i>Polymers</i> , 2018, 10, 1.	2.0	426
2	Multi-functional polydopamine coating: simultaneous enhancement of interfacial adhesion and CO ₂ separation performance of mixed matrix membranes. <i>New Journal of Chemistry</i> , 2016, 40, 9148-9159.	1.4	53
3	Triboelectric Nanogenerator Boosts Smart Green Tires. <i>Advanced Functional Materials</i> , 2019, 29, 1806331.	7.8	52
4	New designed coupling agents for silica used in green tires with low VOCs and low rolling resistance. <i>Applied Surface Science</i> , 2021, 558, 149819.	3.1	35
5	<i>L2hgdh</i> Deficiency Accumulates <i>l</i> -2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. <i>Molecular and Cellular Biology</i> , 2017, 37, .	1.1	27
6	Designing novel epoxy-terminated polybutadiene to construct chemical interface between nanosilica and rubbers with green nature. <i>Composites Part B: Engineering</i> , 2019, 178, 107451.	5.9	24
7	Visualization and Quantification of the Microstructure Evolution of Isoprene Rubber during Uniaxial Stretching Using AFM Nanomechanical Mapping. <i>Macromolecules</i> , 2020, 53, 3082-3089.	2.2	24
8	Improved crack growth resistance and its molecular origin of natural rubber/carbon black by nanodispersed clay. <i>Polymer Engineering and Science</i> , 2012, 52, 1027-1036.	1.5	19
9	Titania-based electrospun nanofibrous materials: a new model for organic pollutants degradation. <i>MRS Communications</i> , 2018, 8, 765-781.	0.8	11
10	Reduction of the filler network interaction in novel inner liner compound based on SBR/rectorite nanocomposite by glycerin. <i>Polymer Composites</i> , 2012, 33, 336-342.	2.3	9
11	Genomic Features and Molecular Function of a Novel Stress-Tolerant <i>Bacillus halotolerans</i> Strain Isolated from an Extreme Environment. <i>Biology</i> , 2021, 10, 1030.	1.3	9
12	Hypoxia-inducible factor 1 β from a high-altitude fish enhances cytoprotection and elevates nitric oxide production in hypoxic environment. <i>Fish Physiology and Biochemistry</i> , 2020, 46, 39-49.	0.9	7
13	Performance enhancement of bio-based rubber composites using epoxidized natural rubber for silica without carbon emissions and volatile organic compounds. <i>Journal of Applied Polymer Science</i> , 2022, 139, .	1.3	6
14	Improved mechanical properties and abrasion resistance of styrene butadiene rubber/butadiene-styrene-vinyl pyridine rubber/clay nanocomposites with strong interfacial interaction. <i>Polymer Composites</i> , 2018, 39, 2783-2790.	2.3	5
15	FOXL2 regulates the expression of the <i>Col4a1</i> collagen gene in chicken granulosa cells. <i>Molecular Reproduction and Development</i> , 2022, 89, 95-103.	1.0	5
16	Characterization and proteomics of chicken seminal plasma extracellular vesicles. <i>Reproduction in Domestic Animals</i> , 2022, 57, 98-110.	0.6	4
17	Network transformations of highly dispersed MMT/SBR nanocomposites during processing. <i>Journal of Applied Polymer Science</i> , 2013, 130, 113-119.	1.3	2
18	Comparative Analysis Among Different Species Reveals That the Androgen Receptor Regulates Chicken Follicle Selection Through Species-Specific Genes Related to Follicle Development. <i>Frontiers in Genetics</i> , 2021, 12, 752976.	1.1	2