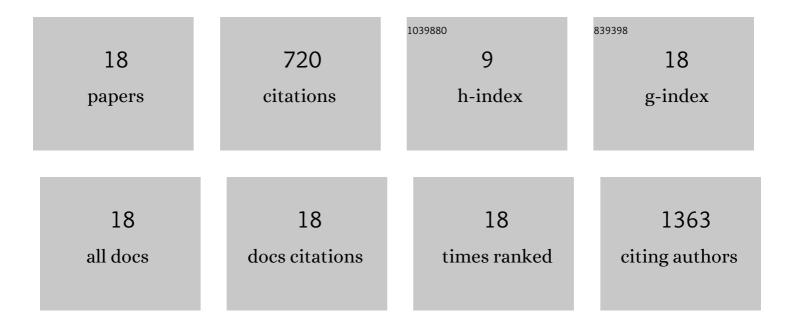
Xiaohui Wu

List of Publications by Year in descending order

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Хионш Мл

#	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. Polymers, 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. New Journal of Chemistry, 2016, 40, 9148-9159.	1.4	53
3	Triboelectric Nanogenerator Boosts Smart Green Tires. Advanced Functional Materials, 2019, 29, 1806331.	7.8	52
4	New designed coupling agents for silica used in green tires with low VOCs and low rolling resistance. Applied Surface Science, 2021, 558, 149819.	3.1	35
5	<i>L2hgdh</i> Deficiency Accumulates <scp>l</scp> -2-Hydroxyglutarate with Progressive Leukoencephalopathy and Neurodegeneration. Molecular and Cellular Biology, 2017, 37, .	1.1	27
6	Designing novel epoxy-terminated polybutadiene to construct chemical interface between nanosilica and rubbers with green nature. Composites Part B: Engineering, 2019, 178, 107451.	5.9	24
7	Visualization and Quantification of the Microstructure Evolution of Isoprene Rubber during Uniaxial Stretching Using AFM Nanomechanical Mapping. Macromolecules, 2020, 53, 3082-3089.	2.2	24
8	Improved crack growth resistance and its molecular origin of natural rubber/carbon black by nanodispersed clay. Polymer Engineering and Science, 2012, 52, 1027-1036.	1.5	19
9	Titania-based electrospun nanofibrous materials: a new model for organic pollutants degradation. MRS Communications, 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. Polymer Composites, 2012, 33, 336-342.	2.3	9
11	Genomic Features and Molecular Function of a Novel Stress-Tolerant Bacillus halotolerans Strain Isolated from an Extreme Environment. Biology, 2021, 10, 1030.	1.3	9
12	Hypoxia-inducible factor 11± from a high-altitude fish enhances cytoprotection and elevates nitric oxide production in hypoxic environment. Fish Physiology and Biochemistry, 2020, 46, 39-49.	0.9	7
13	Performance enhancement of bioâ€based rubber composites using epoxidized natural rubber for silica without carbon emissions and volatile organic compounds. Journal of Applied Polymer Science, 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. Polymer Composites, 2018, 39, 2783-2790.	2.3	5
15	FOXL2 regulates the expression of the <i>Col4a1</i> collagen gene in chicken granulosa cells. Molecular Reproduction and Development, 2022, 89, 95-103.	1.0	5
16	Characterization and proteomics of chicken seminal plasma extracellular vesicles. Reproduction in Domestic Animals, 2022, 57, 98-110.	0.6	4
17	Network transformations of highly dispersed MMT/SBR nanocomposites during processing. Journal of Applied Polymer Science, 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. Frontiers in Genetics, 2021, 12, 752976.	1.1	2