

Ruien Yu

List of Publications by Year in descending order

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29
papers

1,335
citations

304743

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477307

29
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29
docs citations

29
times ranked

1154
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanomaterials Applied in Asphalt Modification: A Review. Journal of Materials Science and Technology, 2013, 29, 589-594.	10.7	229
2	Synthesis and characterization of low crystalline waterborne polyurethane for potential application in water-based ink binder. Progress in Organic Coatings, 2014, 77, 61-71.	3.9	133
3	Storage stability and rheological properties of asphalt modified with waste packaging polyethylene and organic montmorillonite. Applied Clay Science, 2015, 104, 1-7.	5.2	90
4	Combined modification of asphalt with polyethylene packaging waste and organophilic montmorillonite. Polymer Testing, 2012, 31, 276-281.	4.8	86
5	Preparation and properties of isocyanate and nano particles composite modified asphalt. Construction and Building Materials, 2016, 119, 113-118.	7.2	53
6	Preparation and characterization of an asphalt-modifying agent with waste packaging polyethylene and organic montmorillonite. Polymer Testing, 2013, 32, 953-960.	4.8	52
7	Structure and thermal properties of various alcoholysis products from waste poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 TTS	7.4	52
8	Effect of Preparation Temperature on the Aging Properties of Waste Polyethylene Modified Asphalt. Journal of Materials Science and Technology, 2015, 31, 320-324.	10.7	47
9	Preparation and properties of TiO_2 /phase graphene oxide/PVDF composite films. Journal of Applied Polymer Science, 2015, 132, .	2.6	47
10	Polyurethane/graphene oxide nanocomposite and its modified asphalt binder: Preparation, properties and molecular dynamics simulation. Materials and Design, 2021, 209, 109994.	7.0	47
11	Preparation process to affect stability in waste polyethylene-modified bitumen. Construction and Building Materials, 2014, 54, 320-325.	7.2	45
12	Preparation, Characterization and Hot Storage Stability of Asphalt Modified by Waste Polyethylene Packaging. Journal of Materials Science and Technology, 2013, 29, 434-438.	10.7	44
13	Characterization of polypropylene-polyethylene blends made of waste materials with compatibilizer and nano-filler. Composites Part B: Engineering, 2013, 55, 498-505.	12.0	41
14	Aging properties and mechanism of the modified asphalt by packaging waste polyethylene and waste rubber powder. Polymers for Advanced Technologies, 2013, 24, 51-55.	3.2	39
15	Investigation on the Short-Term Aging-Resistance of Thermoplastic Polyurethane-Modified Asphalt Binders. Polymers, 2018, 10, 1189.	4.5	37
16	Pavement properties of asphalt modified with packaging-waste polyethylene. Journal of Vinyl and Additive Technology, 2014, 20, 31-35.	3.4	34
17	Rheological properties and storage stability of asphalt modified with nanoscale polyurethane emulsion. Petroleum Science and Technology, 2018, 36, 85-90.	1.5	32
18	Preparation and Properties of Asphalt Modified with a Composite Composed of Waste Package Poly(vinyl chloride) and Organic Montmorillonite. Journal of Materials Science and Technology, 2014, 30, 1304-1310.	10.7	30

#	ARTICLE	IF	CITATIONS
19	Dynamic stability of ethylene-vinyl acetate copolymer/crumb rubber modified asphalt. <i>Construction and Building Materials</i> , 2017, 156, 284-292.	7.2	30
20	Soft-templated synthesis of mesoporous carbon nanospheres and hollow carbon nanofibers. <i>Applied Surface Science</i> , 2013, 282, 862-869.	6.1	25
21	Viscoelasticity of Asphalt Modified With Packaging Waste Expanded Polystyrene. <i>Journal of Materials Science and Technology</i> , 2014, 30, 939-943.	10.7	24
22	Influence of modification process parameters on the properties of crumb rubber/EVA modified asphalt. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	2.6	24
23	Carbonization behavior and mesophase conversion kinetics of coal tar pitch using a low temperature molten salt method. <i>Journal of Analytical and Applied Pyrolysis</i> , 2014, 109, 90-97.	5.5	19
24	In situ preparation and mechanical properties of CNTs/MCMBs composites. <i>Composites Part B: Engineering</i> , 2013, 47, 290-297.	12.0	18
25	Effect of organic montmorillonite on the hot storage stability of asphalt modified by waste packaging polyethylene. <i>Journal of Vinyl and Additive Technology</i> , 2015, 21, 89-93.	3.4	17
26	Preparation of graphene oxide and its modification effect on base asphalt. <i>Fullerenes Nanotubes and Carbon Nanostructures</i> , 2019, 27, 256-264.	2.1	15
27	Preparation and characterization of lysozyme@carbon nanotubes/waterborne polyurethane composite and the potential application in printing inks. <i>Progress in Organic Coatings</i> , 2020, 142, 105600.	3.9	15
28	Effect of components on the performance of asphalt modified by waste packaging polyethylene. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2016, 31, 931-936.	1.0	8
29	Facile preparation of functional and hybrid coatings by precipitations of polypyrrole and lysozyme via co-assembly process. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50954.	2.6	2