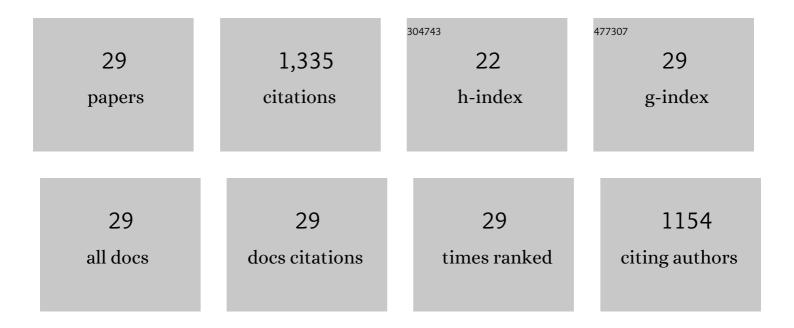
## Ruien Yu

List of Publications by Year in descending order

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**DITEN VI** 

#	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 /Ove 9.4	rlock 10 TF 5
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 <i>β</i> â€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 packagingâ€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

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