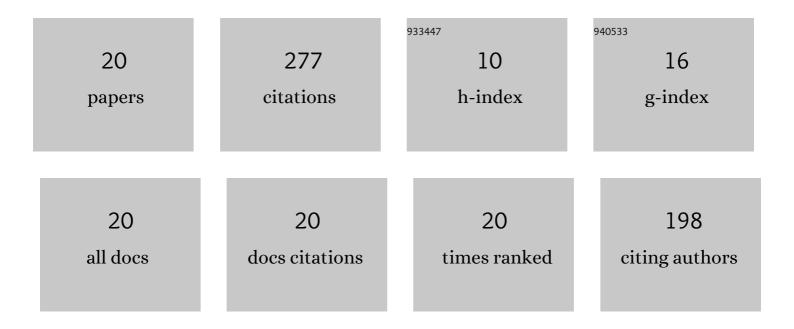


List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Permeability model and characteristics analysis of porous asphalt mixture under the circulation clogging and cleaning. Road Materials and Pavement Design, 2023, 24, 1440-1460. | 4.0 | 1 |
| 2 | Microstructure of pretreated steel slag and its influence on mechanical properties of cement stabilized mixture. Construction and Building Materials, 2022, 317, 125799. | 7.2 | 7 |
| 3 | Evaluation of Rheological and Anti-Aging Properties of TPU/Nano-TiO2 Composite-Modified Asphalt Binder. Materials, 2022, 15, 3000. | 2.9 | 3 |
| 4 | High-Temperature Rheology Characteristics of Hard Petroleum Asphalt Used in China. Advances in Materials Science and Engineering, 2022, 2022, 1-13. | 1.8 | 1 |
| 5 | Mechanical properties and reaction mechanism of microwave-activated crumb rubber-modified asphalt before and after thermal aging. Construction and Building Materials, 2021, 267, 120773. | 7.2 | 31 |
| 6 | Rapid Identification and Quantitative Analysis of Polycarboxylate Superplasticizers Using ATR-FTIR Spectroscopy Combined with Chemometric Methods. Mathematical Problems in Engineering, 2021, 2021, 1-13. | 1.1 | 1 |
| 7 | Relation Between Adhesion Properties and Microscopic Characterization of Polyphosphoric Acid Composite SBS Modified Asphalt Binder. Frontiers in Materials, 2021, 8, . | 2.4 | 2 |
| 8 | Evaluation of the adhesion characteristics of material composition for polyphosphoric acid and SBS modified bitumen based on surface free energy theory. Construction and Building Materials, 2021, 266, 121022. | 7.2 | 23 |
| 9 | Effect of microwave-activated crumb rubber on reaction mechanism, rheological properties, thermal stability, and released volatiles of asphalt binder. Journal of Cleaner Production, 2020, 248, 119230. | 9.3 | 61 |
| 10 | Influence of Ultraviolet and Oxygen Coupling Aging on Rheological Properties and Functional Group Index of Warm Mix Asphalt Binder. Materials, 2020, 13, 4216. | 2.9 | 14 |
| 11 | Effect of Sodium Hypochlorite-Activated Crumb Rubber on Rheological Properties of Rubber-Modified Asphalt. Journal of Materials in Civil Engineering, 2020, 32, . | 2.9 | 7 |
| 12 | Aging Properties and Mechanism of Microwave-Activated Crumb Rubber Modified Asphalt Binder. Frontiers in Materials, 2020, 7, . | 2.4 | 20 |
| 13 | Influence of Ultraviolet Aging on Adhesion Performance of Warm Mix Asphalt Based on the Surface Free Energy Theory. Applied Sciences (Switzerland), 2019, 9, 2046. | 2.5 | 17 |
| 14 | Effect of Short-Term Aging on Asphalt Modified Using Microwave Activation Crumb Rubber. Materials, 2019, 12, 1039. | 2.9 | 17 |
| 15 | Microscopic Properties of Hydrogen Peroxide Activated Crumb Rubber and Its Influence on the Rheological Properties of Crumb Rubber Modified Asphalt. Materials, 2019, 12, 1434. | 2.9 | 22 |
| 16 | Evaluation and selection of sealants and fillers using principal component analysis for cracks in asphalt concrete pavements. Journal Wuhan University of Technology, Materials Science Edition, 2017, 32, 408-412. | 1.0 | 13 |
| 17 | Effect of Material Composition on Cohesion Characteristics of Styrene-Butadiene-Styrene-Modified Asphalt Using Surface Free Energy. Advances in Materials Science and Engineering, 2017, 2017, 1-10. | 1.8 | 3 |
| 18 | Microstructure morphologies of asphalt binders using atomic force microscopy. Journal Wuhan University of Technology, Materials Science Edition, 2016, 31, 1261-1266. | 1.0 | 10 |

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| # | Article | IF | CITATIONS |
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| 19 | Effect of Short-Term Aging Process on the Moisture Susceptibility of Asphalt Mixtures and Binders Containing Sasobit Warm Mix Additive. Advances in Materials Science and Engineering, 2015, 2015, 1-8. | 1.8 | 17 |
| 20 | Preparation of Flame Retardant Modified with Titanate for Asphalt Binder. Advances in Materials Science and Engineering, 2014, 2014, 1-8. | 1.8 | 7 |