

# Ruikun Dong

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

403  
citations

933447

10  
h-index

1058476

14  
g-index

14  
all docs

14  
docs citations

14  
times ranked

246  
citing authors

#	ARTICLE	IF	CITATIONS
1	Research on the pyrolysis process of crumb tire rubber in waste cooking oil. <i>Renewable Energy</i> , 2018, 125, 557-567.	8.9	61
2	Lightly pyrolyzed tire rubber used as potential asphalt alternative. <i>Construction and Building Materials</i> , 2016, 112, 623-628.	7.2	56
3	Chemical and microscopic investigation of co-pyrolysis of crumb tire rubber with waste cooking oil at mild temperature. <i>Waste Management</i> , 2018, 79, 516-525.	7.4	49
4	Development of a novel binder rejuvenator composed by waste cooking oil and crumb tire rubber. <i>Construction and Building Materials</i> , 2020, 236, 117621.	7.2	38
5	Characterization of crumb tire rubber lightly pyrolyzed in waste cooking oil and the properties of its modified bitumen. <i>Construction and Building Materials</i> , 2019, 195, 10-18.	7.2	37
6	Reaction mechanism and rheological properties of waste cooking oil pre-desulfurized crumb tire rubber/SBS composite modified asphalt. <i>Construction and Building Materials</i> , 2021, 274, 122083.	7.2	32
7	Laboratory Evaluation of Pre-Devulcanized Crumb Rubber Modified Asphalt as a Binder in Hot-Mix Asphalt. <i>Journal of Materials in Civil Engineering</i> , 2011, 23, 1138-1144.	2.9	28
8	Anti-Aging potential of sulphur in terminal blend rubberized asphalt binder. <i>Construction and Building Materials</i> , 2020, 250, 118858.	7.2	24
9	Emission behavior of crumb rubber modified asphalt in the production process. <i>Journal of Cleaner Production</i> , 2022, 340, 130850.	9.3	21
10	Investigating the properties of rejuvenated asphalt with the modified rejuvenator prepared by waste cooking oil and waste tire crumb rubber. <i>Construction and Building Materials</i> , 2022, 315, 125692.	7.2	20
11	Effect of process variables on the chemical characteristics of crumb rubber desulfurized by waste cooking oil and its desulfurization mechanism. <i>Construction and Building Materials</i> , 2021, 311, 125361.	7.2	11
12	The influence of the mass ratio of crumb rubber and waste cooking oil on the properties of rubberised bio-rejuvenator and rejuvenated asphalt. <i>Road Materials and Pavement Design</i> , 2023, 24, 578-591.	4.0	10
13	The interaction mechanism and rejuvenation effect of crumb rubber and waste cooking oil blends. <i>Construction and Building Materials</i> , 2021, 302, 124215.	7.2	9
14	Sustainable Asphalt Rejuvenation by Using Waste Tire Rubber Mixed with Waste Oils. <i>Sustainability</i> , 2022, 14, 8246.	3.2	7