

# De Chen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/22652/publications.pdf>

Version: 2024-02-01

11  
papers

229  
citations

1163117

8  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

163  
citing authors

#	ARTICLE	IF	CITATIONS
1	A new automatic measurement system for high-speed railway substructure settlement based on hydrostatic pressure difference levelling. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2022, 236, 80-90.	2.0	0
2	Effect of track irregularities of high-speed railways on the thermal characteristics of the traction motor bearing. Proceedings of the Institution of Mechanical Engineers, Part F: Journal of Rail and Rapid Transit, 2021, 235, 22-34.	2.0	15
3	Prediction of tire-pavement friction based on asphalt mixture surface texture level and its distributions. Road Materials and Pavement Design, 2020, 21, 1545-1564.	4.0	18
4	Measuring the tyre/pavement noise using laboratory tyre rolling-down method. International Journal of Pavement Engineering, 2020, 21, 1595-1605.	4.4	9
5	Evaluating asphalt pavement surface texture using 3D digital imaging. International Journal of Pavement Engineering, 2020, 21, 416-427.	4.4	26
6	Aggregate micro tribological properties of sponge city permeable pavement base layer under vehicle loading. Construction and Building Materials, 2020, 261, 120424.	7.2	8
7	Study on key parameters of a new abrasive flow machining (AFM) process for surface finishing. International Journal of Advanced Manufacturing Technology, 2019, 101, 39-54.	3.0	20
8	Prediction of asphalt mixture surface texture level and its distributions using mixture design parameters. International Journal of Pavement Engineering, 2019, 20, 557-565.	4.4	20
9	Prediction of tire-pavement noise of porous asphalt mixture based on mixture surface texture level and distributions. Construction and Building Materials, 2018, 173, 801-810.	7.2	52
10	Exploring the feasibility of evaluating asphalt pavement surface macro-texture using image-based texture analysis method. Road Materials and Pavement Design, 2015, 16, 405-420.	4.0	55
11	Study on sliding layer of cross-tensioned concrete pavement. Road Materials and Pavement Design, 2015, 16, 518-535.	4.0	6