De Chen

List of Publications by Year
in descending order

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

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11	229	1163117 8	1372567 10
papers	citations	h-index	g-index

12	12	12	163
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	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
3	Evaluating asphalt pavement surface texture using 3D digital imaging. International Journal of Pavement Engineering, 2020, 21, 416-427.	4.4	26
4	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
5	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
6	Prediction of tireâ€“pavement friction based on asphalt mixture surface texture level and its distributions. Road Materials and Pavement Design, 2020, 21, 1545-1564.	4.0	18
7	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
8	Measuring the tyre/pavement noise using laboratory tyre rolling-down method. International Journal of Pavement Engineering, 2020, 21, 1595-1605.	4.4	9
9	Aggregate micro tribological properties of sponge city permeable pavement base layer under vehicle loading. Construction and Building Materials, 2020, 261, 120424.	7.2	8
10	Study on sliding layer of cross-tensioned concrete pavement. Road Materials and Pavement Design, 2015, 16, 518-535.	4.0	6
11	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