

# Xianzhang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2101841/publications.pdf>

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7  
papers

277  
citations

1478505

6  
h-index

1720034

7  
g-index

7  
all docs

7  
docs citations

7  
times ranked

201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating Elastic-Plastic Wavy and Spherical Asperity-Based Statistical and Multi-Scale Rough Surface Contact Models with Deterministic Results. <i>Materials</i> , 2021, 14, 3864.	2.9	10
2	The effect of resolution on the deterministic finite element elastic-plastic rough surface contact under combined normal and tangential loading. <i>Tribology International</i> , 2020, 144, 106141.	5.9	25
3	Deterministic elastic-plastic modelling of rough surface contact including spectral interpolation and comparison to theoretical models. <i>Tribology International</i> , 2019, 135, 246-258.	5.9	30
4	Theoretical and Finite Element Analysis of Static Friction Between Multi-Scale Rough Surfaces. <i>Tribology Letters</i> , 2018, 66, 1.	2.6	24
5	Elastic-Plastic Sinusoidal Waviness Contact Under Combined Normal and Tangential Loading. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	16
6	Elastic Sinusoidal Wavy Surface Contact Under Full Stick Conditions. <i>Tribology Letters</i> , 2017, 65, 1.	2.6	4
7	A Review of Elastic-Plastic Contact Mechanics. <i>Applied Mechanics Reviews</i> , 2017, 69, .	10.1	168