

# Jing Zhang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/757119/publications.pdf>

Version: 2024-02-01

5  
papers

146  
citations

2258059

3  
h-index

2272923

4  
g-index

5  
all docs

5  
docs citations

5  
times ranked

128  
citing authors

#	ARTICLE	IF	CITATIONS
1	Triboemission of hydrocarbon molecules from diamond-like carbon friction interface induces atomic-scale wear. <i>Science Advances</i> , 2019, 5, eaax9301.	10.3	70
2	Tribochemical reactions and graphitization of diamond-like carbon against alumina give volcano-type temperature dependence of friction coefficients: A tight-binding quantum chemical molecular dynamics simulation. <i>Carbon</i> , 2018, 133, 350-357.	10.3	52
3	Reactive Molecular Dynamics Simulations of Wear and Tribochemical Reactions of Diamond like Carbon Interfaces with Nanoscale Asperities under H2 Gas: Implications for Solid Lubricant Coatings. <i>ACS Applied Nano Materials</i> , 2020, 3, 7297-7304.	5.0	21
4	Heterogeneous yielding mechanisms of body centered cubic iron for high resistance to chemical reaction-induced deterioration in supercritical water environments: A reactive molecular dynamics study. <i>Scripta Materialia</i> , 2021, 202, 113997.	5.2	3
5	Heterogeneous Yielding Mechanisms of Body Center Cubic Iron for High Resistance to Chemical Reaction-Induced Deterioration in Supercritical Water Environments: A Reactive Molecular Dynamics Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0