

# Xuegui

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7463139/publications.pdf>

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8  
papers

143  
citations

1478505  
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1588992  
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8  
all docs

8  
docs citations

8  
times ranked

104  
citing authors

#	ARTICLE	IF	CITATIONS
1	Coupling between plasticity and phase transition of polycrystalline iron under shock compressions. International Journal of Plasticity, 2015, 71, 218-236.	8.8	57
2	The wetting properties of Li droplet on Cu surfaces: A molecular dynamics study. Computational Materials Science, 2016, 119, 114-119.	3.0	23
3	Orientation dependences of the Fe-Li solid-liquid interface properties: Atomistic simulations. Journal of Alloys and Compounds, 2016, 687, 875-884.	5.5	14
4	Molecular dynamics simulation of wetting behaviors of Li on W surfaces. Fusion Engineering and Design, 2017, 117, 188-193.	1.9	13
5	Atomic scale analysis of the corrosion characteristics of Cu-Li solid-liquid interfaces. Journal of Alloys and Compounds, 2018, 763, 1-10.	5.5	13
6	Molecular dynamics simulations of the diffusion characteristics on the Fe-W interfaces system. Fusion Engineering and Design, 2020, 159, 111850.	1.9	11
7	Clustering of Fe atoms in liquid Li and its effect on the viscosity of liquid Li. Nuclear Fusion, 2016, 56, 046004.	3.5	7
8	Effect of symmetrical tilt grain boundary on the compatibility between copper and liquid lithium: Atomistic simulations. Journal of Alloys and Compounds, 2020, 835, 155212.	5.5	5