

# Weiqiang Wang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10811414/publications.pdf>

Version: 2024-02-01

10  
papers

100  
citations

1684188

5  
h-index

1872680

6  
g-index

10  
all docs

10  
docs citations

10  
times ranked

115  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast reaction mechanism of a core(Al)-shell (Al <sub>2</sub> O <sub>3</sub> ) nanoparticle in oxygen. Applied Physics Letters, 2009, 95, .	3.3	37
2	Effects of oxide-shell structures on the dynamics of oxidation of Al nanoparticles. Applied Physics Letters, 2010, 96, .	3.3	23
3	Nanoindentation of NiAl and Ni <sub>3</sub> Al crystals on (100), (110), and (111) surfaces: A molecular dynamics study. Applied Physics Letters, 2014, 104, .	3.3	18
4	Collective oxidation behavior of aluminum nanoparticle aggregate. Applied Physics Letters, 2013, 102, 221904.	3.3	11
5	Heat-Initiated Oxidation of an Aluminum Nanoparticle. Materials Research Society Symposia Proceedings, 2012, 1405, .	0.1	6
6	Sulfur-impurity induced amorphization of nickel. Journal of Applied Physics, 2011, 110, .	2.5	2
7	Fast reaction mechanism of a core(Al)-shell (Al <sub>2</sub> O <sub>3</sub> ) nanoparticle in oxygen. , 0, .		1
8	Effects of oxide-shell structures on the dynamics of oxidation of Al nanoparticles. , 0, .		1
9	Collective oxidation behavior of aluminum nanoparticle aggregate. , 0, .		1
10	Oxidation Dynamics of a Chain of Aluminum Nanoparticles. Materials Research Society Symposia Proceedings, 2013, 1521, 1.	0.1	0