

Weiqiang Wang

List of Publications by Year in descending order

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