

Abdelmalek Hallil

List of Publications by Year in descending order

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Version: 2024-02-01

4
papers

86
citations

1937457

4
h-index

2272820

4
g-index

4
all docs

4
docs citations

4
times ranked

98
citing authors

#	ARTICLE	IF	CITATIONS
1	From coherent to incoherent mismatched interfaces: A generalized continuum formulation of surface stresses. <i>Journal of the Mechanics and Physics of Solids</i> , 2014, 72, 40-60.	2.3	39
2	Correlation between vacancy formation and $\sqrt{3}$ grain boundary structures in nickel from atomistic simulations. <i>Philosophical Magazine</i> , 2016, 96, 2088-2114.	0.7	21
3	Segregation energy of the hydrogen at Ni $\sqrt{3}$ grain boundaries: some implications of the atomic volume and the interstitial self-stress. <i>Journal of Materials Science</i> , 2018, 53, 5356-5363.	1.7	17
4	Atomistic simulations of Cu ₂ O bulk and Cu/Cu ₂ O interface properties by using a new interatomic potential. <i>Computational Materials Science</i> , 2014, 81, 366-373.	1.4	9