

Hakim Meskine

List of Publications by Year in descending order

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11
papers

418
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

555
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of curvature effects in boron and carbon nanotubes: Band structures and ballistic current. Physical Review B, 2013, 87, .	3.2	9
2	Not just reviews - now communications too!. Laser and Photonics Reviews, 2012, 6, A31-A31.	8.7	2
3	Simulation of reconstructions of the polar ZnO $\langle \text{mml:mrow} \langle \text{mml:mo} \langle \text{mml:mn} \text{0001} \langle \text{mml:mn} \rangle \langle \text{mml:mo} \rangle \langle \text{mml:mrow} \rangle \langle \text{mml:math} \rangle \text{surf}$ Physical Review B, 2011, 84, .	3.2	30
4	Adlayer inhomogeneity without lateral interactions: Rationalizing correlation effects in CO oxidation at RuO ₂ (110) with first-principles kinetic Monte Carlo. Journal of Chemical Physics, 2011, 134, 064713.	3.0	57
5	Examination of the concept of degree of rate control by first-principles kinetic Monte Carlo simulations. Surface Science, 2009, 603, 1724-1730.	1.9	99
6	Does phenomenological kinetics provide an adequate description of heterogeneous catalytic reactions?. Journal of Chemical Physics, 2007, 126, 204711.	3.0	120
7	Self-trapped magnetic polaron in electron-doped CaMnO ₃ . Journal of Physics Condensed Matter, 2005, 17, 1889-1906.	1.8	18
8	Electronic structure and magnetism in sodium nickelate: Density-functional and model studies. Physical Review B, 2005, 72, .	3.2	13
9	Ferrodistorive orbital ordering in the layered nickelate NaNiO ₂ : A density-functional study. Journal of Applied Physics, 2005, 97, 10A314.	2.5	10
10	Orbital ordering and exchange interaction in the manganites. Physical Review B, 2001, 64, .	3.2	55
11	Jahnâ€Teller coupling and double exchange in the two-site Van Vleckâ€Kanamori model. Journal of Applied Physics, 1999, 85, 4346-4348.	2.5	5