Sang-Pil Kim

List of Publications by Year
in descending order

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9 papers	424 citations	1307594 7 h-index	1474206 9 g-index
9 all docs	9 docs citations	9 times ranked	721 citing authors

#	Article	IF	Citations
1	Atomistic Mechanisms of Phase Boundary Evolution during Initial Lithiation of Crystalline Silicon. Journal of Physical Chemistry C, 2014, 118, 17247-17253.	3.1	45
2	Nanoscale mechanisms of surface stress and morphology evolution in FCC metals under noble-gas ion bombardments. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2012, 468, 2550-2573.	2.1	12
3	Effect of electrolytes on the structure and evolution of the solid electrolyte interphase (SEI) in Li-ion batteries: A molecular dynamics study. Journal of Power Sources, 2011, 196, 8590-8597.	7.8	260
4	Asymmetric surface intermixing during thin-film growth in the Coâ€“Al system: Role of local acceleration of the deposited atoms. Acta Materialia, 2008, 56, 1011-1017.	7.9	16
5	Co/CoAl/Co trilayer fabrication using spontaneous intermixing of Co and Al: Molecular dynamics simulation. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2006, 135, 25-29.	3.5	4
6	Atomic-level investigation of interface structure in Niâ€“Al multilayer system: molecular dynamics simulation. Journal of Magnetism and Magnetic Materials, 2005, 286, 394-398.	2.3	27
7	Magnetic property calculations for B2-Co/sub x/Al/sub 1-x/ structures at the interface of Co-Al multilayer. IEEE Transactions on Magnetics, 2005, 41, 3343-3345.	2.1	1
8	Atomic Mixing Behavior of Co/Al(001) vs. Al/fcc-Co(001): Molecular Dynamics Simulation. Journal of Electroceramics, 2004, 13, 315-320.	2.0	12
9	Surface alloy formation of Co on Al surface: Molecular dynamics simulation. Journal of Applied Physics, 2003, 93, 8564-8566.	2.5	47