

Sang-Pil Kim

List of Publications by Year in descending order

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9
papers

424
citations

1307594

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1474206

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docs citations

9
times ranked

721
citing authors

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