

S A Hackney

List of Publications by Year in descending order

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15
papers

2,507
citations

759233

12
h-index

1125743

13
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16
all docs

16
docs citations

16
times ranked

2882
citing authors

#	ARTICLE	IF	CITATIONS
1	Li ₂ MnO ₃ -stabilized LiMO ₂ (M = Mn, Ni, Co) electrodes for lithium-ion batteries. Journal of Materials Chemistry, 2007, 17, 3112.	6.7	1,817
2	Structural Characterization of Layered LiMnO ₂ Electrodes by Electron Diffraction and Lattice Imaging. Journal of the Electrochemical Society, 1999, 146, 2404-2412.	2.9	156
3	Nanocrystalline Li _x Mn _{2-4y} O ₄ Cathodes for Solid-State Thin-Film Rechargeable Lithium Batteries. Journal of the Electrochemical Society, 1999, 146, 2455-2464.	2.9	134
4	The Electrochemical Stability of Spinel Electrodes Coated with ZrO ₂ , Al ₂ O ₃ , and SiO ₂ from Colloidal Suspensions. Journal of the Electrochemical Society, 2004, 151, A1755.	2.9	132
5	Stabilized α -MnO ₂ Electrodes for Rechargeable 3 V Lithium Batteries. Journal of the Electrochemical Society, 1997, 144, 2279-2283.	2.9	64
6	Microstructural Features of α -MnO ₂ Electrodes for Lithium Batteries. Journal of the Electrochemical Society, 1998, 145, 582-589.	2.9	58
7	Structural Characterization of Heat-Treated Electrolytic Manganese Dioxide and Topotactic Transformation of Discharge Products in the Li α -MnO ₂ Cells. Journal of the Electrochemical Society, 1997, 144, 3147-3153.	2.9	45
8	Morphology Modification and Delithiation Mechanisms of LiMn ₂ O ₄ and Li ₂ MnO ₃ by Acid Digestion. Journal of the Electrochemical Society, 1998, 145, 16-23.	2.9	43
9	The interlamellar atomic habit plane in Cu-6% Be pearlite. Philosophical Magazine A: Physics of Condensed Matter, Structure, Defects and Mechanical Properties, 1988, 57, 457-466.	0.6	16
10	Interpreting slip transmission through mechanically induced interface energies: a Fe-3%Si case study. Journal of Materials Science, 2019, 54, 1831-1843.	3.7	15
11	Damage Formation in Sn Film Anodes of Na-Ion Batteries. Journal of Physical Chemistry C, 2019, 123, 15244-15250.	3.1	14
12	Using the Kelvin-Voigt model for nanoindentation creep in Sn-C/PVDF nanocomposites. Materials Science and Technology, 2012, 28, 1161-1166.	1.6	12
13	Coherency Strain of an Overgrown Island. Materials Research Society Symposia Proceedings, 1989, 148, 315.	0.1	1
14	Morphological Changes in Rod-Shaped Precipitates With Internal Boundaries: Finite Difference Analysis. Materials Research Society Symposia Proceedings, 1991, 237, 151.	0.1	0
15	Morphology and Phase Metastability in the Al/Cu Thin Film Reaction.. Materials Research Society Symposia Proceedings, 1993, 311, 27.	0.1	0