A KÃ¼hle

List of Publications by Year
in descending order

Version: 2024-02-01

22 papers	655 citations	1039880 9 h-index	752573 20 g-index
22 all docs	22 docs citations	22 times ranked	557 citing authors

#	Article	IF	Citations
1	Profiles of a high-aspect-ratio grating determined by spectroscopic scatterometry and atomic-force microscopy. Applied Optics, 2006, 45, 3201.	2.1	36
2	Calibration of step heights and roughness measurements with atomic force microscopes. Precision Engineering, 2003, 27, 91-98.	1.8	50
3	Nominal Current Test Performance of 2 kA-Class High-Tc Superconducting Cable Conductors and Its Implications for Cooling Systems for Utility Cables. , 2000, , 1501-1506.		0
4	Alternating current losses of a 10 metre long low loss superconducting cable conductor determined from phase sensitive measurements. Superconductor Science and Technology, 1999, 12, 360-365.	1.8	19
5	Loss and inductance investigations in a 4-layer superconducting prototype cable conductor. IEEE Transactions on Applied Superconductivity, 1999, 9, 833-836.	1.1	89
6	Design of a termination for a high temperature superconducting power cable. IEEE Transactions on Applied Superconductivity, 1999, 9, 1273-1276.	1.1	7
7	The electrical aspects of the choice of former in a high T/sub c/ superconducting power cable. IEEE Transactions on Applied Superconductivity, 1999, 9, 766-769.	1.1	0
8	Measuring AC-loss in high temperature superconducting cable-conductors using four probe methods. IEEE Transactions on Applied Superconductivity, 1999, 9, 1169-1172.	1.1	8
9	Contrast artifacts in tapping tip atomic force microscopy. Applied Physics A: Materials Science and Processing, 1998, 66, S329-S332.	1.1	79
10	AC losses in circular arrangements of parallel superconducting tapes. Physica C: Superconductivity and Its Applications, 1998, 310, 192-196.	0.6	2
11	Measurements of AC losses in different former materials. Physica C: Superconductivity and Its Applications, 1998, 310, 267-271.	0.6	4
12	A technique for positioning nanoparticles using an atomic force microscope. Nanotechnology, 1998, 9, 337-342.	1.3	130
13	Measuring ac losses in superconducting cables using a resonant circuit: resonant current experiment (RESCUE). Superconductor Science and Technology, 1998, 11, 1306-1310.	1.8	1
14	Halo-like structures studied by atomic force microscopy. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 40, 509-512.	1.0	1
15	Hierarchical organization in aggregates of protein molecules. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 40, 513-515.	1.0	9
16	Scaling in patterns produced by cluster deposition. Zeitschrift FÃ¼r Physik D-Atoms Molecules and Clusters, 1997, 40, 523-525.	1.0	7
17	Comparison of high-pressure dc-sputtering and pulsed laser deposition of superconducting YBa2Cu3O x thin films. Journal of Superconductivity and Novel Magnetism, 1997, 10, 221-226.	0.5	4
18	Response to â€˜â€˜Comment on â€˜Enhanced Jcâ€™s of YBa2Cu3O7â^'xâ€“Ag ex situ annealed coevaporated films on LaAlO3 (100) substratesâ€™ â€™â€™ [Appl. Phys. Lett. 67, 3650 (1995)]. Applied Physics Letters, 1995, 67, 3652-3652.		1

#	Article	IF	Citations
19	Influence of inductance induced noise in an YBa2Cu3O7dcâ€SQUID at high operation temperatures. Applied Physics Letters, 1994, 64, 2445-2447.	1.5	9
20	EnhancedJcâ€™s of YBa2Cu3O7âˆ’xâ€“Agex situannealed coevaporated films on LaAlO3(100) substrates. Applied Physics Letters, 1994, 65, 2350-2352.	1.5	9
21	Electronic Instability at High Flux-Flow Velocities in High-TcSuperconducting Films. Physical Review Letters, 1994, 73, 1691-1694.	2.9	151
22	Smooth YBa2Cu3O7âˆ’xthin films prepared by pulsed laser deposition in O2/Ar atmosphere. Applied Physics Letters, 1994, 64, 3178-3180.	1.5	39