

Cp Foley

List of Publications by Year in descending order

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13
papers

320
citations

1478505

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h-index

1125743

13
g-index

13
all docs

13
docs citations

13
times ranked

178
citing authors

#	ARTICLE	IF	CITATIONS
1	Fabrication and characterisation of YBCO single grain boundary step edge junctions. IEEE Transactions on Applied Superconductivity, 1999, 9, 4281-4284.	1.7	111
2	Field trials using HTS SQUID magnetometers for ground-based and airborne geophysical applications. IEEE Transactions on Applied Superconductivity, 1999, 9, 3786-3792.	1.7	61
3	Conduction mechanism in sputtered polycrystalline zinc oxide thin films. Thin Solid Films, 1984, 117, 19-32.	1.8	48
4	The effects of step angle on step edge Josephson junctions on MgO. IEEE Transactions on Applied Superconductivity, 1997, 7, 3185-3188.	1.7	33
5	The effect of MgO substrate roughness on YBa ₂ Cu ₃ O _{7-δ} thin film properties. Thin Solid Films, 2003, 437, 101-107.	1.8	15
6	Trimming, stability and passivation of YBCO step-edge junctions. Physica C: Superconductivity and Its Applications, 2003, 391, 31-41.	1.2	15
7	Anomalous thermal desorption from polycrystalline zinc oxide films. Thin Solid Films, 1984, 121, L85-L88.	1.8	6
8	77 K SQUIDs operating in the Earth's magnetic field. IEEE Transactions on Applied Superconductivity, 1997, 7, 3044-3047.	1.7	6
9	Excess low-frequency noise in YBCO rf SQUIDs in weak magnetic fields. Applied Superconductivity, 1999, 6, 669-673.	0.5	6
10	Magnetic field and microwave effects on critical current fluctuations in HTS grain-boundary Josephson junctions. IEEE Transactions on Applied Superconductivity, 1997, 7, 2840-2843.	1.7	5
11	Experimental determination of HTS dc-SQUID amplifier inductance and noise performance. IEEE Transactions on Applied Superconductivity, 2003, 13, 849-852.	1.7	5
12	Development of a Josephson Junction-Based Superconducting True-Field Magnetometer. IEEE Transactions on Applied Superconductivity, 2007, 17, 714-717.	1.7	5
13	Comparison of YBCO thin films and SQUIDs prepared by ion beam deposition and RF and DC unbalanced magnetron sputtering. IEEE Transactions on Magnetics, 1991, 27, 3036-3039.	2.1	4