

Peter Hing

List of Publications by Year in descending order

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17
papers

390
citations

932766

10
h-index

1058022

14
g-index

17
all docs

17
docs citations

17
times ranked

520
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulsed photothermal reflectance measurement of the thermal conductivity of sputtered aluminum nitride thin films. Journal of Applied Physics, 2004, 96, 4563-4568.	1.1	91
2	Early-stage sintering mechanisms of Fe-doped CeO ₂ . Journal of Materials Science, 2002, 37, 997-1003.	1.7	69
3	Spectroscopic impedance study of nanocrystalline diamond films. Journal of Applied Physics, 2003, 94, 7878.	1.1	58
4	Dielectric transition of nanostructured diamond films. Applied Physics Letters, 2001, 78, 1826-1828.	1.5	46
5	Single semicircular response of dielectric properties of diamond films. Thin Solid Films, 2001, 381, 52-56.	0.8	25
6	Nucleation and growth dynamics of diamond films by microwave plasma-enhanced chemical vapor deposition (MPECVD). Surface and Coatings Technology, 2000, 123, 129-133.	2.2	22
7	FeSbO ₄ semiconductor ceramics: a new material for sensing liquid-petroleum gas. Journal of Materials Science: Materials in Electronics, 1999, 10, 509-518.	1.1	18
8	F spots and domain patterns in rhombohedral PbZr _{0.90} Ti _{0.10} O ₃ . Applied Physics Letters, 2003, 83, 3692-3694.	1.5	16
9	Effect of A-Site Substitution of Calcium on Zr-Rich Lead Zirconate Titanate. Ferroelectrics, 2002, 274, 55-65.	0.3	13
10	Energy balance model for the Vickers hardness of ferroelectric PZT ceramics. Journal of Materials Science Letters, 1999, 18, 1675-1677.	0.5	10
11	Thermal and dielectric properties of fiber reinforced polystyrene composites. Polymer Composites, 2008, 29, 1199-1202.	2.3	9
12	Effect of SiO ₂ additive on the mechanical and dielectric properties of pzfntu ceramics. Ferroelectrics, 1999, 229, 291-296.	0.3	4
13	Nonlinear stress-strain behaviour and stress relaxation of PZFNTU ceramics in the three-point bending test. Journal Physics D: Applied Physics, 2000, 33, L33-L37.	1.3	3
14	Overview and Functional Characterization of Pb-Free Solders. Defect and Diffusion Forum, 0, 297-301, 169-179.	0.4	3
15	Stress- and strain-relaxation in lead zirconate titanate based ceramics. Materials Chemistry and Physics, 2002, 75, 186-189.	2.0	2
16	Ultra Rapid Sintering of Ceramics. Defect and Diffusion Forum, 0, 297-301, 162-168.	0.4	1
17	MINIMIZATION OF RESOURCE DRAINS AND ENVIRONMENTAL DAMAGE. , 2010, , 135-235.		0