

K S Grabowski

List of Publications by Year in descending order

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29
papers

781
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759233

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30
times ranked

518
citing authors

#	ARTICLE	IF	CITATIONS
1	In situ deposition of epitaxial $\text{PbZr}_x\text{Ti}_{(1-x)}\text{O}_3$ thin films by pulsed laser deposition. Applied Physics Letters, 1991, 59, 1565-1567.	3.3	188
2	The magnetic and structural properties of pulsed laser deposited epitaxial MnZn ferrite films. Journal of Applied Physics, 1994, 75, 1676-1680.	2.5	123
3	Microwave measurement of the dielectric constant of $\text{Sr}_{0.5}\text{Ba}_{0.5}\text{TiO}_3$ ferroelectric thin films. Applied Physics Letters, 1993, 62, 1845-1847.	3.3	109
4	Pulsed laser deposition of oriented $\text{PbZr}_{0.54}\text{Ti}_{0.46}\text{O}_3$. Ferroelectrics, 1991, 116, 19-33.	0.6	61
5	$\text{Sr}_x\text{Ba}_{(1-x)}\text{TiO}_3$ thin films for active microwave device applications. Integrated Ferroelectrics, 1995, 8, 53-64.	0.7	38
6	X-ray characterization of extremely high quality $(\text{Sr},\text{Ba})\text{TiO}_3$ films grown by pulsed laser deposition. Applied Physics Letters, 1995, 66, 1605-1607.	3.3	36
7	Anion-assisted pulsed laser deposition of lead zirconate titanate films. Applied Physics Letters, 1992, 60, 1193-1195.	3.3	34
8	Film deposition and surface modification using intense pulsed ion beams. Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films, 1995, 13, 1182-1187.	2.1	30
9	Growth of nonlinear optical thin films of $\text{KTa}_{1-x}\text{Nb}_x\text{O}_3$ on GaAs by pulsed laser deposition for integrated optics. Applied Physics Letters, 1998, 73, 3806-3808.	3.3	28
10	Stress-induced magnetic anisotropy in thick oriented NiZn ferrite films on (100) MgO substrates. Journal of Applied Physics, 1997, 81, 6884-6891.	2.5	25
11	Proton-induced reduction of R_s , J_c , and T_c in $\text{YBa}_2\text{Cu}_3\text{O}_{7-x}$ thin films. Journal of Superconductivity and Novel Magnetism, 1991, 4, 57-60.	0.5	22
12	In Situ Growth of $\text{PbZr}_x\text{Ti}_{1-x}\text{O}_3$ Thin Films by Pulsed Laser Deposition. Materials Research Society Symposia Proceedings, 1990, 191, 25.	0.1	19
13	Characterization of Laser-Assisted Pulsed Laser Deposited $\text{BaFe}_{12}\text{O}_{19}$. Materials Research Society Symposia Proceedings, 1992, 285, 391.	0.1	9
14	In-situ synchrotron energy-dispersive x-ray diffraction study of thin Pd foils with Pd:D and Pd:H concentrations up to 1:1. Journal of Applied Physics, 2012, 112, .	2.5	9
15	In situ pulsed laser deposition of $\text{Nd}_{1.85}\text{Ce}_{0.15}\text{CuO}_4$. Journal of Applied Physics, 1991, 70, 1045-1047.	2.5	8
16	The Influence of Target-Substrate Bias on Pulsed Laser Deposited $\text{Yb}_{20}\text{Cu}_{30}\text{O}_{76}$. Materials Research Society Symposia Proceedings, 1989, 169, 435.	0.1	7
17	Virtual mesa and spoiler midinfrared angled-grating distributed feedback lasers fabricated by ion bombardment. Applied Physics Letters, 2001, 78, 3394-3396.	3.3	7
18	Hydrogen segregation and lattice reorientation in palladium hydride nanowires. Applied Physics Letters, 2012, 101, 153103.	3.3	7

#	ARTICLE	IF	CITATIONS
19	Rutherford-backscattering study of high-temperature oxidation of Y-implanted Fe-24Cr. Oxidation of Metals, 1989, 31, 181-207.	2.1	5
20	Charged particle spectra of palladium thin films during low energy deuterium ion implantation. Journal of Fusion Energy, 1990, 9, 281-285.	1.2	5
21	Origins of conductive losses at microwave frequencies in YBa ₂ Cu ₃ O _{7-x} /LaAlO ₃ /YBa ₂ Cu ₃ O _{7-x} trilayers deposited by pulsed laser deposition. Journal of Superconductivity and Novel Magnetism, 1994, 7, 965-969.	0.5	4
22	Upper limit on cold fusion in thin palladium films. Physical Review B, 1990, 41, 5388-5391.	3.2	2
23	Testing of mass filtered, time dilated, time-of-flight mass spectrometry. Journal of Radioanalytical and Nuclear Chemistry, 2009, 282, 305-308.	1.5	1
24	Thin Films of Ferroelectrics Made by Pulsed Laser Deposition for Optoelectronic Applications. Materials Research Society Symposia Proceedings, 1995, 397, 193.	0.1	0
25	Effect of oxygen deposition pressure and temperature on the structure and properties of pulsed laser-deposited La _{0.67} Ca _{0.33} MnO ₃ films. , 1996, , .		0
26	<title>Ion beam processing of nanocluster-containing thin films</title>. , 1998, 3413, 56.		0
27	Applications of the Microchannel Plate for Mass Spectrometry. AIP Conference Proceedings, 2008, , .	0.4	0
28	Dynamical Structures in Phase-Separated Films Deposited under Ion Bombardment. , 2009, , .		0
29	Experimental demonstration of mass-filtered, time-dilated, time-of-flight mass spectrometry. Surface and Interface Analysis, 2011, 43, 525-528.	1.8	0