

Jessica Mary Marshall

List of Publications by Year in descending order

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17
papers

386
citations

1163117

8
h-index

996975

15
g-index

17
all docs

17
docs citations

17
times ranked

420
citing authors

#	ARTICLE	IF	CITATIONS
1	Some aspects of the structure of cobalt and nickel binder phases in hardmetals. Acta Materialia, 2011, 59, 2277-2290.	7.9	68
2	Etching characteristics of LiNbO ₃ in reactive ion etching and inductively coupled plasma. Journal of Applied Physics, 2008, 103, .	2.5	57
3	The role of tungsten in the Co binder: Effects on WC grain size and hcp→fcc Co in the binder phase. International Journal of Refractory Metals and Hard Materials, 2015, 49, 57-66.	3.8	50
4	Binder phase structure in fine and coarse WC→Co hard metals with Cr and V carbide additions. International Journal of Refractory Metals and Hard Materials, 2013, 40, 27-35.	3.8	48
5	Fracture and fatigue behavior of WC→Co and WC→CoNi cemented carbides. International Journal of Refractory Metals and Hard Materials, 2015, 49, 184-191.	3.8	46
6	Design of cemented tungsten carbide and boride-containing shields for a fusion power plant. Nuclear Fusion, 2018, 58, 076014.	3.5	42
7	Corona poling of highly (001)/(100)-oriented lead zirconate titanate thin films. Thin Solid Films, 2008, 516, 4679-4684.	1.8	21
8	THE ELECTROMECHANICAL PROPERTIES OF HIGHLY [100] ORIENTED [Pb(Zr _{0.52} Ti _{0.48})O ₃ , PZT] THIN FILMS. Integrated Ferroelectrics, 2006, 80, 77-85.	0.7	10
9	FIB Milled PZT Nanocapacitors Tested Using PFM. Integrated Ferroelectrics, 2004, 61, 223-230.	0.7	8
10	Comparison of LiNbO ₃ flux systems for deposition on RIE-etched LiTaO ₃ substrates. Journal Physics D: Applied Physics, 2007, 40, 7480-7484.	2.8	7
11	Bismuth zinc niobate: BZN-BT, a new lead-free BaTiO ₃ -based ferroelectric relaxor?. Journal of Advanced Dielectrics, 2020, 10, 2050033.	2.4	7
12	Orientation Control of Low Temperature Deposited Sol-Gel PZT52/48 Films. Ferroelectrics, 2005, 318, 41-48.	0.6	6
13	Structure and Properties of High-Hardness Silicide Coatings on Cemented Carbides for High Temperature Applications. Coatings, 2018, 8, 247.	2.6	6
14	HRXRD study of the theoretical densities of novel reactive sintered boride candidate neutron shielding materials. Nuclear Materials and Energy, 2020, 22, 100732.	1.3	5
15	STRESS-INDUCED PHASE FORMATION OF PZT 52/48 THIN FILMS. Integrated Ferroelectrics, 2007, 88, 85-92.	0.7	4
16	Fabrication of waveguides by inductively coupled plasma etching on LiNbO ₃ /LiTaO ₃ single crystal film by liquid phase epitaxy growth. , 2007, , .		1
17	Non-ambient X-ray and neutron diffraction of novel relaxor ferroelectric $\text{Bi}_{2/3}(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$ (1) Tj ETQq1 1 0.784314 rgBT /Overbo		