

Jessica Mary Marshall

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Non-ambient X-ray and neutron diffraction of novel relaxor ferroelectric $(\text{Bi}_{1-x}\text{Bi}_x)_2(\text{Zn}_{2/3}\text{Nb}_{1/3})\text{O}_3$. <i>Journal of Applied Physics</i> , 2019, 125, 074101.	1.0	14
2	Bismuth zinc niobate: BZN-BT, a new lead-free BaTiO_3 -based ferroelectric relaxor?. <i>Journal of Advanced Dielectrics</i> , 2020, 10, 2050033.	2.4	7
3	HRXRD study of the theoretical densities of novel reactive sintered boride candidate neutron shielding materials. <i>Nuclear Materials and Energy</i> , 2020, 22, 100732.	1.3	5
4	Design of cemented tungsten carbide and boride-containing shields for a fusion power plant. <i>Nuclear Fusion</i> , 2018, 58, 076014.	3.5	42
5	Structure and Properties of High-Hardness Silicide Coatings on Cemented Carbides for High Temperature Applications. <i>Coatings</i> , 2018, 8, 247.	2.6	6
6	The role of tungsten in the Co binder: Effects on WC grain size and hcp-fcc Co in the binder phase. <i>International Journal of Refractory Metals and Hard Materials</i> , 2015, 49, 57-66.	3.8	50
7	Fracture and fatigue behavior of WC-Co and WC-CoNi cemented carbides. <i>International Journal of Refractory Metals and Hard Materials</i> , 2015, 49, 184-191.	3.8	46
8	Binder phase structure in fine and coarse WC-Co hard metals with Cr and V carbide additions. <i>International Journal of Refractory Metals and Hard Materials</i> , 2013, 40, 27-35.	3.8	48
9	Some aspects of the structure of cobalt and nickel binder phases in hardmetals. <i>Acta Materialia</i> , 2011, 59, 2277-2290.	7.9	68
10	Corona poling of highly (001)/(100)-oriented lead zirconate titanate thin films. <i>Thin Solid Films</i> , 2008, 516, 4679-4684.	1.8	21
11	Etching characteristics of LiNbO_3 in reactive ion etching and inductively coupled plasma. <i>Journal of Applied Physics</i> , 2008, 103, .	2.5	57
12	STRESS-INDUCED PHASE FORMATION OF PZT 52/48 THIN FILMS. <i>Integrated Ferroelectrics</i> , 2007, 88, 85-92.	0.7	4
13	Comparison of LiNbO_3 flux systems for deposition on RIE-etched LiTaO_3 substrates. <i>Journal Physics D: Applied Physics</i> , 2007, 40, 7480-7484.	2.8	7
14	Fabrication of waveguides by inductively coupled plasma etching on $\text{LiNbO}_3/\text{LiTaO}_3$ single crystal film by liquid phase epitaxy growth. , 2007, , .		1
15	THE ELECTROMECHANICAL PROPERTIES OF HIGHLY [100] ORIENTED $[\text{Pb}(\text{Zr}_{0.52}\text{Ti}_{0.48})\text{O}_3]$, PZT] THIN FILMS. <i>Integrated Ferroelectrics</i> , 2006, 80, 77-85.	0.7	10
16	Orientation Control of Low Temperature Deposited Sol-Gel PZT52/48 Films. <i>Ferroelectrics</i> , 2005, 318, 41-48.	0.6	6
17	FIB Milled PZT Nanocapacitors Tested Using PFM. <i>Integrated Ferroelectrics</i> , 2004, 61, 223-230.	0.7	8