Xuming Pang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1486702/publications.pdf

Version: 2024-02-01

22	162	1040056 9	1199594 12
papers	citations	h-index	g-index

22	22	22	160
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effect of ZnO on the microstructure and electrical properties of (K0.5Na0.5)NbO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2012, 23, 1083-1086.	2.2	25
2	Influence of sintering temperature on piezoelectric properties of (K0.4425Na0.52Li0.0375)(Nb0.8925Sb0.07Ta0.0375)O3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2011, 22, 1783-1787.	2.2	18
3	Annealing behavior of aluminum coating prepared by arc spraying on P355NL1 steel. Surface and Coatings Technology, 2017, 330, 53-60.	4.8	16
4	Tantalum influence on electrical properties of lead-free (K0.4425Na0.52Li0.0375)(Nb0.93â˜'x Ta x Sb0.07) O3 piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2012, 23, 846-850.	2.2	13
5	Thermostability and weatherability of TiN/TiC-Ni/Mo solar absorption coating by spray method-laser cladding hybrid deposition. Optics and Lasers in Engineering, 2020, 127, 105983.	3.8	12
6	Effects of the Calcining Temperature on the Piezoelectric and Dielectric Properties of 0.55PNN-0.45PZT Ceramics. Ferroelectrics, 2011, 425, 90-97.	0.6	10
7	Influence of sintering temperature on electrical properties of (K0.4425Na0.52Li0.0375)(Nb0.8825Sb0.07Ta0.0475)O3 ceramics without phase transition induced by sintering temperature. Journal of Advanced Ceramics, 2013, 2, 353-359.	17.4	10
8	Effect of epoxy resin sealing on corrosion resistance of arc spraying aluminium coating using cathode electrophoresis method. Materials Research Express, 2018, 5, 016527.	1.6	10
9	High-Temperature Tolerance in Multi-Scale Cermet Solar-Selective Absorbing Coatings Prepared by Laser Cladding. Materials, 2018, 11, 1037.	2.9	10
10	Optical thermostability and weatherability of TiN/TiC-Ni/Mo cermet-based spectral selective absorbing coating by laser cladding. Optical Materials, 2021, 117, 111195.	3.6	10
11	Optical performance and corrosion resistance of TiN/Ni multiphase cermet by laser cladding. Optics and Laser Technology, 2021, 143, 107308.	4.6	8
12	High temperature solar selective absorber coating deposited by laser cladding. Materials Research Express, 2017, 4, 095503.	1.6	4
13	Low-Temperature Sintering of (K0.5Na0.5)NbO3 Piezoelectric Ceramics. Journal of Inorganic and Organometallic Polymers and Materials, 2013, 23, 463-466.	3.7	3
14	The effects of intergranular sliding on the fracture toughness of nanocrystalline materials with finest grains. Journal of Materials Research, 2014, 29, 1086-1094.	2.6	3
15	Improved piezoelectricity and luminescence of Er³⁺/Yb³⁺ co-doped (K,) Tj ETQq1 1 0.784314 rgBT /Overlock	0.6	3
16	Synthesis and Characterization of (K0.5Na0.5)NbO3Piezoelectric Ceramics Prepared Using K5.70Li4.07Nb10.23O30as a New Sintering Aid. Ferroelectrics, 2012, 432, 73-80.	0.6	2
17	Thermal stability and optical properties of single-layer nano-composite TiN/TiC-Ni/Mo solar-selective-absorbing coatings by laser cladding. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	2.3	2
18	Constitutive modeling for strain rate-dependent behaviors of nanocrystalline materials based on dislocation density evolution and strain gradient. Journal of Materials Research, 2014, 29, 2982-2993.	2.6	1

#	Article	IF	Citations
19	Effect of the new type metal electrode on the properties of ferroelectric ceramic. Ferroelectrics, 2016, 505, 90-101.	0.6	1
20	Thermal stability and Weatherability of Single-Layer Micron ScaleÂCermets Solar Selective Absorbing Coatings by Laser Cladding. ECS Journal of Solid State Science and Technology, 2019, 8, N119-N124.	1.8	1
21	Study of Electrical Properties and Luminescence of Conventional Furnace and Microwave-Sintered Er3+/Yb3+ Co-doped (K, Na)NbO3 Ceramics. Journal of Inorganic and Organometallic Polymers and Materials, 2018, 28, 9-14.	3.7	0
22	Study of wide temperature range and hard protective La2O3 doped cermet based single-layer solar selective absorbing coating by laser cladding. Surfaces and Interfaces, 2021, 27, 101544.	3.0	0