Apichart Limpichaipanit

List of Publications by Year
in descending order

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43 papers	358 citations	840776 11 h-index	839539 18 g-index
43 all docs	43 docs citations	43 times ranked	334 citing authors

#	Article	IF	Citations
1	Electrocaloric properties of Bi and Cu doped PLZT 9/65/35 ceramics at low electric field. Ceramics International, 2020, 46, 5252-5261.	4.8	7
2	Temperature dependence on ferroelectric properties and strain performance of PLZT ceramics containing 9â€…mol% La. Phase Transitions, 2020, 93, 678-689.	1.3	1
3	Optical and photocatalytic properties of bismuth vanadate doped bismuth silicate glasses. Optik, 2019, 182, 496-499.	2.9	1
4	Optical spectroscopic investigations of neodymium and erbium added bismuth silicate glasses. Optik, 2019, 178, 111-116.	2.9	11
5	Microstructure-property relations of biphasic calcium phosphate obtained by hot pressing process. Processing and Application of Ceramics, 2019, 13, 300-309.	0.8	2
6	Effect of composition and grain size on dielectric, ferroelectric and induced strain behavior of PLZT/ZrO2 composites. Ceramics International, 2018, 44, 6343-6353.	4.8	13
7	Temperature and induced electric field dependence on the phase transition of 9/70/30, 9/65/35 and 9/60/40 PLZT ceramics. Phase Transitions, 2018, 91, 461-468.	1.3	5
8	Dielectric properties of PFNâ€“PZT composites: From relaxor to normal ferroelectric behavior. Ceramics International, 2018, 44, 14797-14802.	4.8	10
9	Spectroscopic property and color of bismuth silicate glasses with addition of 3d transition metals. Materials Letters, 2018, 229, 174-177.	2.6	9
10	Isochromatic photoelasticity fringe patterns of PMMA in various shapes and stress applications. , 2018, , .		1
11	Sintering temperature-microstructure-property relationships of alumina matrix composites with silicon carbide and silica additives. Science and Engineering of Composite Materials, 2017, 24, 495-500.	1.4	3
12	Effect of Li and Bi co-doping and sintering temperature on dielectric properties of PLZT 9/65/35 ceramics. Ceramics International, 2017, 43, 4450-4455.	4.8	16
13	Study of Stress Distribution in Homogeneous Plastic by Photoelastic Analysis System. Key Engineering Materials, 2016, 675-676, 708-711.	0.4	2
14	Dielectric, ferroelectric and induced strain behavior of PLZT 9/65/35 ceramics modified by Bi2O3 and CuO co-doping. Ceramics International, 2016, 42, 10690-10696.	4.8	28
15	Reaction sintering of alumina/mullite nanocomposites from nano-sized starting powders. Advances in Applied Ceramics, 2016, 115, 349-353.	1.1	0
16	Influence of the nano hydroxyapatite powder on thermally sprayed HA coatings onto stainless steel. Surface and Coatings Technology, 2016, 306, 181-186.	4.8	34
17	Influence of low external magnetic field on electric field induced strain behavior of 9/70/30, 9/65/35 and 9/60/40 PLZT ceramics. Ceramics International, 2016, 42, 13223-13231.	4.8	13
18	Effect of Sintering Condition on Electrical Properties of PLZT Ceramics. Key Engineering Materials, 2016, 675-676, 522-526.	0.4	4

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19	Structure Properties Relationship of Pb_{0.92}La_{0.08}(Zr_{0.4}Ti_{0.6})_{0.98}O₃ Ceramics. Key Engineering Materials, 2016, 675-676, 627-630.	0.4	0
20	Temperature Dependence of Electric Field Induced Strain in PLZT 9/65/35 Ceramics. Key Engineering Materials, 2016, 675-676, 643-646.	0.4	1
21	Effect of Zr/Ti Ratio on Electrical Properties of Pb_{0.91}La_{0.}₀₉(Zr_xTi_{1-x})O₃ Ceramics. Applied Mechanics and Materials, 2015, 804, 42-46.	0.2	3
22	Effect of Barium Titanate Additives on Dielectric Property of PLZT Ceramics. Applied Mechanics and Materials, 2015, 804, 21-24.	0.2	0
23	Effect of PbO/CuO Addition to Microstructure and Electrical Properties of PLZT 9/65/35. Ferroelectrics, 2015, 486, 57-65.	0.6	8
24	Dimer formation effect on the red-shift in fluorescent spectra of dye solutions. Proceedings of SPIE, 2015, , .	0.8	1
25	Fabrication and properties of thermal sprayed stainless steel-based nanocomposite coatings. Surface and Coatings Technology, 2015, 272, 96-101.	4.8	5
26	Study of stress distribution on a circular disk by photostress analysis. , 2015, , .		0
27	Effect of temperature on loss mechanism of 0.7PMNâ€“0.3PZT ceramics. Sensors and Actuators A: Physical, 2015, 236, 19-24.	4.1	7
28	Effect of Dielectric Properties and Elastic Strain Behavior on x/65/35 PLZT Ceramics in Lanthanum (x) Ions Contents. Advanced Materials Research, 2014, 936, 115-118.	0.3	2
29	Optical Interferometric Technique for Induced Strain Ferroelectric Loop Study at Low Frequency. Advanced Materials Research, 2014, 936, 110-114.	0.3	2
30	Effect of External Magnetic Field on Dielectric Spectroscopy of Modified PZT Ceramics. Advanced Materials Research, 2014, 936, 105-109.	0.3	0
31	Dielectric and Ferroelectric Behavior in 8/40/60 PLZT Ceramics. Advanced Materials Research, 2014, 936, 119-122.	0.3	2
32	Effect of La2O3Addition on Electrical Properties of PZN-PZT Based Ceramics. Ferroelectrics, 2013, 457, 9-15.	0.6	1
33	Fabrication and Properties of Thermal Sprayed AlSi-Based Coatings from Nanocomposite Powders. Journal of Thermal Spray Technology, 2013, 22, 18-26.	3.1	12
34	Effect of Soaking Time on Phase Formation and Electrical Properties of PLZT Based Ceramics. Ferroelectrics, 2013, 457, 16-22.	0.6	17
35	Fabrication and Properties of Plasma-Sprayed Al2O3/ZrO2 Composite Coatings. Journal of Thermal Spray Technology, 2011, 20, 1259-1268.	3.1	33
36	High resolution optical microprobe investigation of surface grinding stresses in Al2O3 and Al2O3/SiC nanocomposites. Journal of the European Ceramic Society, 2011, 31, 97-109.	5.7	16

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37	Indentation Load-Size Effect in Al2O3 â€" SIC Nanocomposites. Journal of Electrical Engineering, 2010, 61, 305-307.	0.7	11
38	The relationship between microstructure, fracture and abrasive wear in Al2O3/SiC nanocomposites and microcomposites containing 5 and 10% SiC. Journal of the European Ceramic Society, 2009, 29, 2841-2848.	5.7	59
39	Microstructure-Property Relationships in Wear Resistant Alumina/SiC "Nanocomposites". Advances in Science and Technology, 2006, 45, 555-563.	0.2	15
40	Microstructure-Property Relationships in Wear Resistant Alumina/SiC 'nanocomposites' the Importance of Plastic Deformation in Ceramics. Materials Research Society Symposia Proceedings, 2006, 977, 1.	0.1	1
41	Effect of Sintering Temperature on Phase Formation and Dielectric Properties of PLZT-BT Ceramics. Advanced Materials Research, 0, 1120-1121, 7-10.	0.3	0
42	Inner Filter Effect on Fluorescence Dyes Spectra in Methanol Solution. Key Engineering Materials, 0, 675-676, 704-707.	0.4	1
43	Effect of sintering temperature on phase formation and dielectric property of modified PLZT ceramics with addition of BT and PZN. Phase Transitions, 0, , 1-9.	1.3	1