Nam-Kyoung Kim

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/7144760/publications.pdf

Version: 2024-02-01

70	689	567281 15	552781 26
papers	citations	h-index	g-index

71	71	71	252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Perovskite formation sequence by B-site precursor method and dielectric properties of PFW-PFN ceramics. Ferroelectrics, 1998, 211, 233-247.	0.6	69
2	Phase developments and dielectric/ferroelectric responses in the PMNâ€“PT system. Journal of the European Ceramic Society, 2002, 22, 219-223.	5.7	68
3	Preparation and dielectric properties of Pb[(Mg1/3Ta2/3), (Zn1/3Nb2/3)]O3relaxor ceramics. Ferroelectrics, 1998, 211, 25-39.	0.6	56
4	Effects of Barium Substitution on Perovskite Formation, Dielectric Properties, and Diffuseness Characteristics of Lead Zinc Niobate Ceramics. Journal of the American Ceramic Society, 2000, 83, 1720-1726.	3.8	47
5	Perovskite phase developments in Pb[(Mg,Zn)1/3Ta2/3]O3 system and dielectric characteristics. Journal of Materials Science, 2000, 35, 4373-4378.	3.7	40
6	Crystallographic, dielectric, and diffuseness characteristics of PZNâ€“PT ceramics. Materials Letters, 1998, 34, 299-304.	2.6	39
7	Stabilization of perovskite phase and enhancement in dielectric properties by substitution of Pb(Mg1/3Nb2/3)O3to Pb(Zn1/3Ta2/3)O3. Ferroelectrics, 2000, 242, 25-35.	0.6	38
8	Synthesis chemistry of MgNb2O6 and Pb(Mg1/3Nb2/3) O3. Materials Letters, 1997, 32, 127-130.	2.6	33
9	Preparation of Pb(Mg1/3Nb2/3)O3â€“Pb(Zn1/3Nb2/3)O3 ceramics by the B-site precursor method and dielectric characteristics. Journal of Materials Science, 1998, 33, 1343-1348.	3.7	28
10	Perovskite formation by B-site precursor method and dielectric characteristics of Pb[Mg1/3(Ta,Nb)2/3]O3ceramic system. Ferroelectrics, 1998, 209, 603-613.	0.6	27
11	Perovskite phase developments and dielectric characteristics in barium-substituted lead zinc tantalate system. Materials Research Bulletin, 2000, 35, 1677-1687.	5.2	27
12	Lead magnesium tantalateâ€“lead titanate perovskite ceramic system: preparation and characterization. Materials Research Bulletin, 2000, 35, 2479-2489.	5.2	27
13	Perovskite formation and dielectric characteristics of PFW0.2.PFT0.8-x.PFNxsystem ceramics. Ferroelectrics, 1999, 227, 87-96.	0.6	24
14	Synthesis of perovskite ceramics PMNâ€“PFN via B-site precursors and their dielectric properties. Materials Letters, 1998, 34, 336-340.	2.6	20
15	Perovskite Formation and Dielectric Characteristics of Pb(Zn_{1/3}Ta_{2/3})O₃ with PbTiO₃ Substitution. Journal of the American Ceramic Society, 2003, 86, 929-933.	3.8	17
16	Title is missing!. Journal of Materials Science, 2002, 37, 4697-4701.	3.7	12
17	Phase developments in Pb(Mg1/2W1/2)O3 and Pb(Zn1/2W1/2)O3 via B-site precursor route. Journal of Materials Science, 2008, 43, 3608-3611.	3.7	12
18	Effect of Zn substitution on dielectric responses of 0.2PMTÂ·0.8PMN ceramics. Journal of the European Ceramic Society, 2002, 22, 1857-1861.	5.7	8

#	Article	IF	Citations
19	Dielectric characteristics of bismuth-modified lead magnesium niobate ceramics. Materials Research Bulletin, 2004, 39, 1177-1183.	5.2	7
20	Title is missing!. Journal of Materials Science, 2000, 35, 4995-4999.	3.7	6
21	Phase formation stages of MgTa2O6 and Pb(Mg1/3Ta2/3)O3. Materials Letters, 2005, 59, 588-590.	2.6	6
22	Formation sequences of FeTaO4 and Pb(Fe1/2Ta1/2)O3. Materials Letters, 1999, 40, 246-249.	2.6	5
23	Crystallographic and dielectric studies on Pb(Zn1/3Ta2/3)O3-substituted Pb[(Zn1/3Nb2/3),Ti]O3 system. Materials Letters, 2001, 50, 6-11.	2.6	5
24	Dielectric Properties of the Perovskite System Pb(Mg_{1/3}Nb_{2/3})O₃â€PbTiO₃ Modified by Pb(Mg_{1/3}Ta_{2/3})O₃ and Pb(Zn_{1/3}Nb_{2/3})O₃. Journal of the American Ceramic Society, 2001, 84, 1281-1285.	3.8	5
25	Perovskite phase developments and dielectric properties of pmn-substituted pzn-pt system. Materials Research Bulletin, 1999, 34, 2185-2191.	5.2	4
26	Preparation and dielectric characteristics of perovskite ceramic system 0.8Pb[(Mg,Zn)1/3Nb2/3]O3-0.2PbTiO3. Ferroelectrics, 2000, 248, 5-13.	0.6	4
27	Development of perovskite in Fe-substituted Pb(Zn1/3Ta2/3)O3 and dielectric characteristics. Materials Research Bulletin, 2005, 40, 1839-1846.	5.2	4
28	Perovskite formation and dielectric properties of Pb[(Zn1/3Ta2/3),(Fe1/2Nb1/2)]O3. Materials Letters, 2005, 59, 32-35.	2.6	4
29	Effects of Mg/Fe substitution on perovskite stabilization and dielectric properties of Pb(Zn1/2W1/2)O3. Journal of the European Ceramic Society, 2007, 27, 4473-4478.	5.7	4
30	Phase development in Ba(Mg1/3Ta2/3)O3 via conventional and B-site precursor routes. Ceramics International, 2008, 34, 1955-1958.	4.8	4
31	Phase developments in the Pb(Zn1/2W1/2)O3â€“Pb(Zn1/3Ta2/3)O3â€“Pb(Zn1/3Nb2/3)O3 pseudo-ternary system. Materials Letters, 2008, 62, 137-139.	2.6	4
32	Processing and dielectric properties of (Pb,Bi)(Mg,Nb,Ti)O3 ceramics. Ceramics International, 2007, 33, 1083-1086.	4.8	3
33	Perovskite structure development in (Ba)Ti-substituted Pb(Zn1/2W1/2)O3 and dielectric properties. Materials Research Bulletin, 2018, 98, 89-93.	5.2	3
34	Syntheses and dielectric properties of perovskite ceramic system PFW0.8â^'xÂ·PMN0.2Â·PFNx. Journal of Materials Science, 2000, 35, 1459-1463.	3.7	2
35	Dielectric properties of ceramics (z=0.4,0.6). Ceramics International, 2003, 29, 815-819.	4.8	2
36	Synthesis and dielectric/ferroelectric characteristics of Ta-modified PMN0.6Â·PZN0.2Â·PT0.2ceramics. Journal of Materials Science: Materials in Electronics, 2004, 15, 307-311.	2.2	2

#	Article	IF	Citations
37	Preparation and dielectric properties of Pb[(Zn1/3Ta2/3)0.8â^'x(Mg1/3Nb2/3)xTi0.2]O3 ceramics. Materials Letters, 2004, 58, 1358-1362.	2.6	2
38	Dielectric Characteristics of Bi- and Ti-Substituted Pb(Mg1/3Nb2/3)O3. Journal of the American Ceramic Society, 2005, 88, 3525-3527.	3.8	2
39	Dielectric characteristics of Pb(Zn1/3Ta2/3)O3-BaTiO3 ceramics with/without PbTiO3 modification. Journal of Materials Science, 2005, 40, 6151-6156.	3.7	2
40	Phase formation and dielectric properties of (Pb,Ba)[(Zn1/2W1/2),Ti]O3 ceramics. Ceramics International, 2009, 35, 1611-1616.	4.8	2
41	Crystallization kinetics of amorphous Pb (Fe2/3W1/3) O3. Journal of Materials Science, 1996, 31, 2951-2956.	3.7	1
42	Perovskite developments and dielectric responses of PbTiO3-modified Pb[Zn1/3(Ta,Nb)2/3]O3system. Ferroelectrics, 2000, 248, 123-133.	0.6	1
43	Phase developments in Pb[(Mg,Zn)1/3(Ta0.8Nb0.2)2/3]O3 and dielectric properties. Materials Letters, 2001, 49, 86-90.	2.6	1
44	Perovskite formation and dielectric properties of Pb[(Mg1/3Ta2/3)0.8(Zn1/3Ta2/3)0.2]O3 ceramics with Nb substitution for Ta. Materials Research Bulletin, 2001, 36, 2443-2451.	5.2	1
45	Crystallographic and dielectric aspects of Pb[(Mg,Zn)1/3Ta2/3]O3 system with 40 at.% Nb substitution. Materials Research Bulletin, 2002, 37, 59-67.	5.2	1
46	Phase development and dielectric characteristics of the Pb(Mg1/3Ta2/3)O3-modified Pb[(Zn1/3Ta2/3),(Mg1/3Nb2/3)]O3 system. Ceramics International, 2002, 28, 419-423.	4.8	1
47	Preparation of Mg-modified Pb[Zn1/3(Ta0.4Nb0.6)2/3]O3 ceramics and dielectric characteristics. Journal of Materials Science: Materials in Electronics, 2002, 13, 105-109.	2.2	1
48	Dielectric characteristics of Mg-replaced Pb[(Zn1/3Ta2/3)0.2(Zn1/3Nb2/3)0.6Ti0.2]O3 ceramics. Materials Research Bulletin, 2003, 38, 1957-1964.	5.2	1
49	Mg substitutions for Zn in 0.8Pb[Zn1/3(Ta,Nb)2/3]O3â€“0.2PbTiO3 ceramics and dielectric properties. Materials Letters, 2003, 57, 4525-4530.	2.6	1
50	Dielectric properties of Pb(Zn1â•3Ta2â•3)O3-modified Pb(Mg1â•3Nb2â•3)O3-PbTiO3 perovskite ceramics. Journal of Applied Physics, 2004, 96, 7450-7454.	2.5	1
51	Dielectric Properties of 0.8Pb[(Mg_{1/3}Ta_{2/3}),(Bâ€˜_{1/3}Bâ€œ_{2/3})]O₃â€“0.2PbTiO₃ Ceramics (B'Bâ€“ ZnTa, MgNb, and ZnNb). Journal of the American Ceramic Society, 2004, 87, 1250-1253.	2.8	1
52	Crystallographic and dielectric properties of barium-substituted Pb(Mg1/3Ta2/3)O3 ceramics. Materials Research Bulletin, 2008, 43, 730-734.	5.2	1
53	Phase formation studies in ZnBâ€³2O6 and Pb(Zn1/3Bâ€³2/3)O3 (Bâ€³=Nb,Ta). Ceramics International, 2011, 37, 549-553.	4.8	1
54	Phase development and dielectric characteristics of Pb[(Mg 1/3 Ta 2/3),Ti]O 3 ceramics with BaTiO 3 addition. Materials Letters, 2017, 200, 94-96.	2.6	1

#	Article	IF	Citations
55	Perovskite stabilization in Fe- and Mg-doped Pb(Zn1/2W1/2)O3 and their dielectric characteristics. Journal of the European Ceramic Society, 2018, 38, 4232-4236.	5.7	1
56	Syntheses of ceramic system (0.8â^'x)PFW-xPFT-0.2PFN and dielectric behaviors. Ferroelectrics, 1999, 234, 189-197.	0.6	0
57	Dielectric properties of a multiple octahedral-cation system Pb[(Mg1/3Ta2/3),(Zn1/3Nb2/3)]O3 modified by Pb(Mg1/3Nb2/3)O3. Materials Research Bulletin, 2000, 35, 1763-1773.	5.2	0
58	Effect of Pb(Zn1/3Nb2/3)O3 substitution on dielectric properties of Pb[(Zn1/3Ta2/3), (Mg1/3Nb2/3)]O3 multiple-octahedral system ceramics. Ferroelectrics, 2000, 247, 355-365.	0.6	0
59	Dielectric properties of multiple-octahedral ceramic system Pb[(ã€^Mg,Znã€‰1/3Nb2/3)0.8Ti0.2]O3 with Ta substitutions for Nb. Ceramics International, 2004, 30, 751-755.	4.8	0
60	Perovskite stabilization and dielectric properties of Mg1/3Nb2/3-substituted Pb[(Zn1/3Ta2/3),Ti]O3. Ceramics International, 2006, 32, 539-543.	4.8	0
61	Dielectric properties of Pb[(Mg1/3Nb2/3),Ti]O3 with Bi modification. Journal of Electroceramics, 2006, 17, 161-164.	2.0	0
62	Effect of Bi substitution level on dielectric characteristics of Pb[(Mg1/3Nb2/3),Ti]O3 ceramics. Materials Research Bulletin, 2006, 41, 2251-2259.	5.2	0
63	Effect of Pb(Zn1/2W1/2)O3 introduction on perovskite development and dielectric properties of (Ba,Pb)TiO3. Materials Letters, 2007, 61, 256-258.	2.6	0
64	Dielectric properties of Zn- and/or Nb-substituted Pb[(Mg1/3Ta2/3),Ti]O3 ceramics. Journal of Electroceramics, 2007, 18, 25-31.	2.0	0
65	Dielectric responses in Mg1/3Ta2/3-replaced Pb[(Zn1/3Nb2/3),Ti]O3 ceramics. Journal of Materials Science, 2007, 42, 812-816.	3.7	0
66	Dielectric properties of Pb(Zn1/3Ta2/3)O3-introduced (Ba,Pb)TiO3 ceramic system. Journal of Materials Science, 2007, 42, 298-301.	3.7	0
67	Development of structural ordering in (Ba 0.8 Pb 0.2)(Mg 1/3 Ta 2/3)O 3 perovskite. Ceramics International, 2016, 42, 2051-2053.	4.8	0
68	Effects of Fe doping on perovskite development and dielectric properties of Pb([Zn,Mg]1/2W1/2)O3 ceramics. Journal of Electroceramics, 2019, 43, 20-25.	2.0	0
69	Structure development and dielectric properties of Znâ€doped Pb([Mg,Fe],W)O 3 perovskite ceramics. Journal of the American Ceramic Society, 2019, 102, 3980-3989.	3.8	0
70	Phase developments in Pb(Zn[Ta,Nb,W])O3-PbTiO3 ternary ceramic compositions. Journal of Electroceramics, 2020, 45, 111-118.	2.0	0