Jutapol Jumpatam

List of Publications by Year
in descending order

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25	779	471509 17	580821 25
papers	citations	h-index	g-index

25	25	25	380
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Giant dielectric behavior and non-ohmic properties in Mg²⁺+F^{âˆ’} co-doped CaCu₃Ti₄O₁₂ ceramics. Journal of Asian Ceramic Societies, 2022, 10, 414-423.	2.3	1
2	Electrical responses and dielectric properties of (Zn2+Â+ÂFâˆ’) coâ€“doped CaCu3Ti4O12 ceramics. Materialia, 2022, 23, 101441.	2.7	7
3	Significantly improving the giant dielectric properties of CaCu3Ti4O12 ceramics by co-doping with Sr2+ and F- ions. Materials Research Bulletin, 2021, 133, 111043.	5.2	55
4	Influences of Sr2+ Doping on Microstructure, Giant Dielectric Behavior, and Non-Ohmic Properties of CaCu3Ti4O12/CaTiO3 Ceramic Composites. Molecules, 2021, 26, 1994.	3.8	12
5	Influence of Sn and F dopants on giant dielectric response and Schottky potential barrier at grain boundaries of CCTO ceramics. Ceramics International, 2021, 47, 27908-27915.	4.8	26
6	Giant dielectric behavior of monovalent cation/anion (Li⁺, F^{âˆ’}) coâ€doped CaCu₃Ti₄O₁₂ ceramics. Journal of the American Ceramic Society, 2020, 103, 1871-1880.	3.8	28
7	Giant dielectric response, electrical properties and nonlinear current-voltage characteristic of Al2O3-CaCu3Ti4O12 nanocomposites. Applied Surface Science, 2019, 476, 623-631.	6.1	22
8	Nonlinear electrical properties and giant dielectric response in Na 1/3 Ca 1/3 Y 1/3 Cu 3 Ti 4 O 12 ceramic. Materials Research Bulletin, 2017, 90, 8-14.	5.2	19
9	Improved giant dielectric properties of CaCu₃Ti₄O₁₂via simultaneously tuning the electrical properties of grains and grain boundaries by F^{âˆ’} substitution. RSC Advances, 2017, 7, 4092-4101.	3.6	54
10	Preparation, characterization, and dielectric properties of CaCu3Ti4O12-related (Na1/3Ca1/3Y1/3)Cu3Ti4O12 ceramics using a simple solâ€“gel method. Journal of Materials Science: Materials in Electronics, 2017, 28, 14839-14847.	2.2	6
11	Nonâ€Ohmic Properties and Electrical Responses of Grains and Grain Boundaries of Na_{1/2}Y_{1/2}Cu₃Ti₄O₁₂ Ceramics. Journal of the American Ceramic Society, 2017, 100, 157-166.	3.8	35
12	Enhanced dielectric and non-ohmic properties in CaCu3Ti4O12/CaTiO3 nanocomposites prepared by a chemical combustion method. Journal of Materials Science: Materials in Electronics, 2016, 27, 12085-12090.	2.2	17
13	Structural, Optical, Electronic and Magnetic Properties of Fe-Doped ZnO Nanoparticles Synthesized by Combustion Method and First-Principle Calculation. Journal of Superconductivity and Novel Magnetism, 2016, 29, 3155-3166.	1.8	21
14	Effects of Mg2+ doping ions on giant dielectric properties and electrical responses of Na1/2Y1/2Cu3Ti4O12 ceramics. Ceramics International, 2016, 42, 16287-16295.	4.8	35
15	Microstructural evolution and strongly enhanced dielectric response in Sn-doped CaCu3Ti4O12/CaTiO3 ceramic composites. Materials Research Bulletin, 2016, 77, 178-184.	5.2	35
16	Effects of Bi3+ doping on microstructure and dielectric properties of CaCu3Ti4O12/CaTiO3 composite ceramics. Ceramics International, 2015, 41, S498-S503.	4.8	15
17	Effects of La3+ doping ions on dielectric properties and formation of Schottky barriers at internal interfaces in a Ca2Cu2Ti4O12 composite system. Journal of Materials Science: Materials in Electronics, 2014, 25, 4657-4663.	2.2	7
18	A Novel Route to Greatly Enhanced Dielectric Permittivity with Reduce Loss Tangent in <scp><scp>CaCu</scp></scp>_{3âˆ’<i>x</i>}<scp><scp>Zn</scp></scp>_{<i>x</i>}<scp><scp>Ti</scp></scp><su Composites. Journal of the American Ceramic Society, 2014, 97, 2368-2371.	3.8	20

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19	Microstructural evolution and Maxwellâ€“Wagner relaxation in Ca 2 Cu 2 Ti 4â^'x Zr x O 12 : The important clue to achieve the origin of the giant dielectric behavior. Materials Research Bulletin, 2014, 60, 695-703.	5.2	23
20	A novel strategy to enhance dielectric performance and non-Ohmic properties in Ca2Cu2â^'xMgxTi4O12. Journal of the European Ceramic Society, 2014, 34, 2941-2950.	5.7	53
21	Enhancement of giant dielectric response in Ga-doped CaCu3Ti4O12 ceramics. Ceramics International, 2013, 39, 1057-1064.	4.8	66
22	Effects of Ga Substitution for Cu on Microstructure and Giant Dielectric Response of CaGa_xCu_{3â^'x}Ti₄O₁₂(x= 0, 0.01, and) Tj ET Q q 0 0 0 rg BT /Over		
23	The origin of giant dielectric relaxation and electrical responses of grains and grain boundaries of W-doped CaCu3Ti4O12 ceramics. Journal of Applied Physics, 2012, 112, .	2.5	78
24	High permittivity, low dielectric loss, and high electrostatic potential barrier in Ca2Cu2Ti4O12 ceramics. Materials Letters, 2012, 76, 40-42.	2.6	31
25	Effects of Ta5+ doping on microstructure evolution, dielectric properties and electrical response in CaCu3Ti4O12 ceramics. Journal of the European Ceramic Society, 2012, 32, 2423-2430.	5.7	112