Najmeddine Abdelmoula

List of Publications by Year
in descending order

14	210	933264 10	1125617 13
papers	citations	h-index	g-index

14	14	14	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Large electrocaloric effect in lead-free Ba1-xCaxTi1-yZryO3 ceramics under strong electric field at room-temperature. Ceramics International, 2018, 44, 13595-13601.	2.3	32
2	Structural, spectroscopic and dielectric properties of Ca-doped BaTiO3. Applied Physics A: Materials Science and Processing, 2019, 125, 1.	1.1	30
3	Raman scattering, structural, electrical studies and conduction mechanism of Ba0.9Ca0.1Ti0.95Zr0.05O3 ceramic. Journal of Alloys and Compounds, 2019, 774, 685-693.	2.8	25
4	Structural and dielectric studies of relaxor ferroelectric Ba1â^'xLax(1â^'y)/2Euxy/2Nax/2TiO3 ceramics. Journal of Alloys and Compounds, 2006, 417, 264-268.	2.8	18
5	The effect of low Sn doping on the dielectric and electrocaloric properties of ferroelectric ceramics Ba 0.95 Sr 0.05 Ti 0.95 Zr 0.05 O 3. Journal of Alloys and Compounds, 2017, 720, 284-288.	2.8	18
6	The effect of Zn2+ and Nb5+ substitution on structural, dielectric, electrocaloric properties, and energy storage density of Ba0.95Ca0.05Ti0.95Zr0.05O3 ceramics. Journal of Alloys and Compounds, 2021, 878, 160355.	2.8	17
7	Physical properties of the new ceramics in the mixed oxide system Na1â^'xLixNb1â^'xSbxO3. Journal of Alloys and Compounds, 2009, 481, 305-309.	2.8	13
8	Elaboration and dielectric study of ferroelectric or relaxor ceramics in the ternary system BaTiO3â€“NaNbO3â€“BaSnO3. Journal of Alloys and Compounds, 2011, 509, 7773-7777.	2.8	13
9	Structure refinement, dielectric, pyroelectric and Raman characterizations of Ba1â^'xLax(1â^'y)/2Euxy/2Nax/2TiO3 solid solution. Journal of Solid State Chemistry, 2006, 179, 4011-4019.	1.4	12
10	Na1â^'xLixNbO3 ceramics studied by X-ray diffraction, dielectric, pyroelectric, piezoelectric and Raman spectroscopy. Journal of Physics and Chemistry of Solids, 2011, 72, 1140-1146.	1.9	12
11	The structural, dielectric, electrocaloric, and energy storage properties of lead-free Ba0Â·90Ca0Â·10Zr0Â·15Ti0Â·85O3. Ceramics International, 2022, 48, 3157-3171.	2.3	10
12	Study of the ceramics by X-ray diffraction, dielectric and Raman spectroscopy. Solid State Communications, 2011, 151, 763-767.	0.9	8
13	Structure, dielectric, and piezoelectric properties of Ba0.87Ca0.13 (Ti0.9Zr0.1) (1â€“x) (Zn1/3Nb2/3)x O3 ceramics. Applied Physics A: Materials Science and Processing, 2021, 127, 1.	1.1	2
14	Structural, thermal, optical and dielectric properties of piezoelectric Ba0.8Ca0.2TiO3/polyvinyl alcohol nanocomposite films. Applied Physics A: Materials Science and Processing, 2022, 128, 1.	1.1	0