

# Najmeddine Abdelmoula

## List of Publications by Year in descending order

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14  
papers

210  
citations

933264

10  
h-index

1125617

13  
g-index

14  
all docs

14  
docs citations

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times ranked

198  
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural, dielectric, electrocaloric, and energy storage properties of lead-free Ba <sub>0.90</sub> Ca <sub>0.10</sub> Zr <sub>0.15</sub> Ti <sub>0.85</sub> O <sub>3</sub> . <i>Ceramics International</i> , 2022, 48, 3157-3171.	2.3	10
2	Structural, thermal, optical and dielectric properties of piezoelectric Ba <sub>0.8</sub> Ca <sub>0.2</sub> TiO <sub>3</sub> /polyvinyl alcohol nanocomposite films. <i>Applied Physics A: Materials Science and Processing</i> , 2022, 128, 1.	1.1	0
3	The effect of Zn <sup>2+</sup> and Nb <sup>5+</sup> substitution on structural, dielectric, electrocaloric properties, and energy storage density of Ba <sub>0.95</sub> Ca <sub>0.05</sub> Ti <sub>0.95</sub> Zr <sub>0.05</sub> O <sub>3</sub> ceramics. <i>Journal of Alloys and Compounds</i> , 2021, 878, 160355.	2.8	17
4	Structure, dielectric, and piezoelectric properties of Ba <sub>0.87</sub> Ca <sub>0.13</sub> (Ti <sub>0.9</sub> Zr <sub>0.1</sub> ) <sub>(1-x)</sub> (Zn <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>x</sub> O <sub>3</sub> ceramics. <i>Applied Physics A: Materials Science and Processing</i> , 2021, 127, 1.	1.1	2
5	Structural, spectroscopic and dielectric properties of Ca-doped BaTiO <sub>3</sub> . <i>Applied Physics A: Materials Science and Processing</i> , 2019, 125, 1.	1.1	30
6	Raman scattering, structural, electrical studies and conduction mechanism of Ba <sub>0.9</sub> Ca <sub>0.1</sub> Ti <sub>0.95</sub> Zr <sub>0.05</sub> O <sub>3</sub> ceramic. <i>Journal of Alloys and Compounds</i> , 2019, 774, 685-693.	2.8	25
7	Large electrocaloric effect in lead-free Ba <sub>1-x</sub> CaxTi <sub>1-y</sub> ZryO <sub>3</sub> ceramics under strong electric field at room-temperature. <i>Ceramics International</i> , 2018, 44, 13595-13601.	2.3	32
8	The effect of low Sn doping on the dielectric and electrocaloric properties of ferroelectric ceramics Ba <sub>0.95</sub> Sr <sub>0.05</sub> Ti <sub>0.95</sub> Zr <sub>0.05</sub> O <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , 2017, 720, 284-288.	2.8	18
9	Elaboration and dielectric study of ferroelectric or relaxor ceramics in the ternary system BaTiO <sub>3</sub> -NaNbO <sub>3</sub> -BaSnO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , 2011, 509, 7773-7777.	2.8	13
10	Na <sub>1-x</sub> LixNbO <sub>3</sub> ceramics studied by X-ray diffraction, dielectric, pyroelectric, piezoelectric and Raman spectroscopy. <i>Journal of Physics and Chemistry of Solids</i> , 2011, 72, 1140-1146.	1.9	12
11	Study of the ceramics by X-ray diffraction, dielectric and Raman spectroscopy. <i>Solid State Communications</i> , 2011, 151, 763-767.	0.9	8
12	Physical properties of the new ceramics in the mixed oxide system Na <sub>1-x</sub> LixNb <sub>1-x</sub> SbxO <sub>3</sub> . <i>Journal of Alloys and Compounds</i> , 2009, 481, 305-309.	2.8	13
13	Structural and dielectric studies of relaxor ferroelectric Ba <sub>1-x</sub> Lax(1-y)/ <sub>2</sub> Euxy/ <sub>2</sub> Nax/ <sub>2</sub> TiO <sub>3</sub> ceramics. <i>Journal of Alloys and Compounds</i> , 2006, 417, 264-268.	2.8	18
14	Structure refinement, dielectric, pyroelectric and Raman characterizations of Ba <sub>1-x</sub> Lax(1-y)/ <sub>2</sub> Euxy/ <sub>2</sub> Nax/ <sub>2</sub> TiO <sub>3</sub> solid solution. <i>Journal of Solid State Chemistry</i> , 2006, 179, 4011-4019.	1.4	12