

# Ali Hussain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/488142/publications.pdf>

Version: 2024-02-01

92  
papers

3,316  
citations

147726

31  
h-index

155592

55  
g-index

93  
all docs

93  
docs citations

93  
times ranked

1503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Temperature-Dependent Properties of $\text{Bi}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ Lead-Free Piezoceramics. Journal of the American Ceramic Society, 2012, 95, 2241-2247.	3.8	338
2	Large electric-field-induced strain in Zr-modified lead-free $\text{Bi}_{0.5}(\text{Na}_{0.78}\text{K}_{0.22})_{0.5}\text{TiO}_3$ piezoelectric ceramics. Sensors and Actuators A: Physical, 2010, 158, 84-89.	2.0	201
3	Giant strain in Nb-doped $\text{Bi}_{0.5}(\text{Na}_{0.82}\text{K}_{0.18})_{0.5}\text{TiO}_3$ lead-free electromechanical ceramics. Materials Letters, 2010, 64, 2219-2222.	1.3	192
4	Temperature-Insensitive High Strain in Lead-Free $\text{Bi}_{0.5}(\text{Na}_{0.84}\text{K}_{0.16})_{0.5}\text{TiO}_3$ "0.04SrTiO <sub>3</sub> Ceramics for Actuator Applications. Journal of the American Ceramic Society, 2015, 98, 3842-3848.	1.5	123
5	Phase Transition, Electrical Properties, and Temperature-Insensitive Large Strain in $\text{BiAlO}_3$ -Modified $\text{Bi}_{0.5}(\text{Na}_{0.75}\text{K}_{0.25})_{0.5}\text{TiO}_3$ Lead-Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2011, 94, 3915-3921.	1.9	105
6	Impedance spectroscopy and morphology of $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ ceramics prepared by soft chemical method. Journal of Alloys and Compounds, 2009, 477, 706-711.	2.8	98
7	Mechanical characterization of copper coated carbon nanotubes reinforced aluminum matrix composites. Materials Characterization, 2013, 86, 39-48.	1.9	97
8	Enhanced electric field-induced strain and ferroelectric behavior of $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ "BaTiO <sub>3</sub> "SrZrO <sub>3</sub> lead-free ceramics. Ceramics International, 2014, 40, 11905-11914.	2.3	93
9	Giant strain, thermally-stable high energy storage properties and structural evolution of Bi-based lead-free piezoceramics. Journal of Alloys and Compounds, 2016, 682, 302-310.	2.8	90
10	Thermal-stability of electric field-induced strain and energy storage density in Nb-doped BNKT-ST piezoceramics. Journal of the European Ceramic Society, 2018, 38, 2511-2519.	2.8	87
11	Field-induced strain and polarization response in lead-free $\text{Bi}_{1/2}(\text{Na}_{0.80}\text{K}_{0.20})_{1/2}\text{TiO}_3$ "SrZrO <sub>3</sub> ceramics. Materials Chemistry and Physics, 2014, 143, 1282-1288.	2.0	84
12	High strain in lead-free Nb-doped $\text{Bi}_{1/2}(\text{Na}_{0.84}\text{K}_{0.16})_{0.5}\text{TiO}_3$ "SrTiO <sub>3</sub> piezoelectric ceramics. Applied Physics Express, 2014, 7, 061502.	1.1	79
13	Field induced strain response of lead-free BaZrO <sub>3</sub> -modified $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ "BaTiO <sub>3</sub> ceramics. Journal of Alloys and Compounds, 2014, 593, 97-102.	2.8	74
14	Phase transitions and large electric field-induced strain in $\text{BiAlO}_3$ -modified $\text{Bi}_{0.5}(\text{Na},\text{K})_{0.5}\text{TiO}_3$ lead-free piezoelectric ceramics. Current Applied Physics, 2010, 10, 1174-1181.	1.1	69
15	Effects of Hafnium Substitution on Dielectric and Electromechanical Properties of Lead-free $\text{Bi}_{0.5}(\text{Na}_{0.78}\text{K}_{0.22})_{0.5}(\text{Ti}_{1-x}\text{Hf}_x)\text{O}_3$ Ceramics. Japanese Journal of Applied Physics, 2010, 49, 041504.	1.1	69
16	Lead-free high performance $\text{Bi}(\text{Zn}_{0.5}\text{Ti}_{0.5})\text{O}_3$ -modified $\text{BiFeO}_3$ -BaTiO <sub>3</sub> piezoceramics. Journal of the European Ceramic Society, 2018, 38, 4414-4421.	2.8	68
17	Dielectric, ferroelectric and field-induced strain response of lead-free BaZrO <sub>3</sub> -modified $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ ceramics. Current Applied Physics, 2014, 14, 331-336.	1.1	66
18	The effects of sintering temperatures on dielectric, ferroelectric and electric field-induced strain of lead-free $\text{Bi}_{0.5}(\text{Na}_{0.78}\text{K}_{0.22})_{0.5}\text{TiO}_3$ piezoelectric ceramics synthesized by the sol-gel technique. Current Applied Physics, 2010, 10, 1367-1371.	1.1	64

#	ARTICLE	IF	CITATIONS
19	Evolution of phase structure and giant strain at low driving fields in Bi-based lead-free incipient piezoelectrics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 199, 105-112.	1.7	64
20	Structure-property relationship in lead-free A- and B-site co-doped $\text{Bi}_{0.5}(\text{Na}_{0.84}\text{K}_{0.16})_{0.5}\text{TiO}_3\text{-SrTiO}_3$ incipient piezoceramics. <i>RSC Advances</i> , 2015, 5, 96953-96964.	1.7	64
21	Dielectric, ferroelectric and field induced strain properties of Nb-modified Pb-free $0.99\text{Bi}_{0.5}(\text{Na}_{0.82}\text{K}_{0.18})_{0.5}\text{TiO}_3\text{-}0.01\text{LiSbO}_3$ ceramics. <i>Journal of Alloys and Compounds</i> , 2013, 574, 320-324.	2.8	49
22	Structural, dielectric and electrical properties of $\text{BaFe}_{0.5}\text{Nb}_{0.5}\text{O}_3$ ceramic prepared by solid-state reaction technique. <i>Materials Chemistry and Physics</i> , 2011, 131, 535-539.	2.0	47
23	Dielectric, ferroelectric and field-induced strain behavior of $\text{K}_{0.5}\text{Na}_{0.5}\text{NbO}_3$ -modified $\text{Bi}_{0.5}(\text{Na}_{0.78}\text{K}_{0.22})_{0.5}\text{TiO}_3$ lead-free ceramics. <i>Ceramics International</i> , 2012, 38, 4143-4149.	2.3	44
24	Destabilization of ferroelectric order in bismuth perovskite ceramics by A-site vacancies. <i>Materials Letters</i> , 2012, 70, 98-100.	1.3	42
25	Enhanced electromechanical properties of $(1-x)\text{BiFeO}_3\text{-}x\text{BaTiO}_3\text{-}x\text{LiNbO}_3$ ceramics by quenching process. <i>Ceramics International</i> , 2017, 43, S198-S203.	2.3	41
26	Structural transition and large electric field-induced strain in $\text{BiAlO}_3$ -modified $\text{Bi}_{0.5}(\text{Na}_{0.8}\text{K}_{0.2})_{0.5}\text{TiO}_3$ lead-free piezoelectric ceramics. <i>Solid State Communications</i> , 2010, 150, 1145-1149.	0.9	38
27	Structural transition and giant strain induced by A- and B-site concurrent donor doping in $\text{Bi}_{0.5}(\text{Na}_{0.84}\text{K}_{0.16})_{0.5}\text{TiO}_3\text{-SrTiO}_3$ ceramics. <i>Materials Letters</i> , 2015, 143, 148-150.	1.3	38
28	Dielectric and electromechanical properties of $\text{LiNbO}_3$ -modified $(\text{BiNa})\text{TiO}_3\text{-}(\text{BaCa})\text{TiO}_3$ lead-free piezoceramics. <i>Journal Physics D: Applied Physics</i> , 2016, 49, 175301.	1.3	38
29	Effect of potassium concentration on the structure and electrical properties of lead-free $\text{Bi}_{0.5}(\text{Na},\text{K})_{0.5}\text{TiO}_3\text{-BiAlO}_3$ piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2011, 509, 3148-3154.	2.8	37
30	Phase Transition and Electrical Properties of $\text{BiAlO}_3$ -Modified $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ Piezoelectric Ceramics. <i>Ferroelectrics</i> , 2010, 404, 167-172.	0.3	36
31	Plate-like $\text{Na}_{0.5}\text{Bi}_{0.5}\text{TiO}_3$ particles synthesized by topochemical microcrystal conversion method. <i>Journal of the European Ceramic Society</i> , 2015, 35, 919-925.	2.8	34
32	Synthesis and electromechanical properties of $\text{LiTaO}_3$ -modified $\text{BiFeO}_3\text{-BaTiO}_3$ piezoceramics. <i>Ceramics International</i> , 2017, 43, S209-S213.	2.3	32
33	Role of Bi chemical pressure on electrical properties of $\text{BiFeO}_3\text{-BaTiO}_3$ -based ceramics. <i>Solid State Sciences</i> , 2021, 114, 106562.	1.5	29
34	Anisotropic electrical properties of $\text{Bi}_{0.5}(\text{Na}_{0.75}\text{K}_{0.25})_{0.5}\text{TiO}_3$ ceramics fabricated by reactive templated grain growth (RTGG). <i>Current Applied Physics</i> , 2010, 10, 305-310.	1.1	28
35	Fabrication of textured KNNT ceramics by reactive template grain growth using NN templates. <i>Current Applied Physics</i> , 2013, 13, 1055-1059.	1.1	26
36	Temperature invariant high dielectric properties over the range $200\text{ }^\circ\text{C}\text{-}500\text{ }^\circ\text{C}$ in $\text{BiFeO}_3$ based ceramics. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2259-2263.	2.8	25

#	ARTICLE	IF	CITATIONS
37	Influence of niobium substitution on structural and opto-electrical properties of BNKT piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2016, 674, 413-424.	2.8	24
38	Phase structure and electromechanical behavior of Li, Nb co-doped $0.95\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.05\text{BaZrO}_3$ ceramics. <i>Ceramics International</i> , 2017, 43, S204-S208.	2.3	24
39	Ferroelectric and piezoelectric properties of SrZrO <sub>3</sub> -modified Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> lead-free ceramics. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, s146-s151.	1.7	23
40	Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -BaZrO <sub>3</sub> textured ceramics prepared by reactive templated grain growth method. <i>Ceramics International</i> , 2015, 41, S26-S30.	2.3	23
41	Mechanical properties of CNT reinforced hybrid functionally graded materials for bioimplants. <i>Transactions of Nonferrous Metals Society of China</i> , 2014, 24, s90-s98.	1.7	21
42	Sodium Excess Ta-Modified (K <sub>0.5</sub> Na <sub>0.5</sub> )NbO <sub>3</sub> Ceramics Prepared by Reactive Template Grain Growth Method. <i>International Journal of Applied Ceramic Technology</i> , 2015, 12, 228-234.	1.1	21
43	Effect of SrZrO <sub>3</sub> substitution on structural and electrical properties of lead-free Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -BaTiO <sub>3</sub> ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1709-1714.	0.8	20
44	Structural and electromechanical properties of lead-free Na <sub>0.5</sub> Bi <sub>0.5</sub> TiO <sub>3</sub> -BaZrO <sub>3</sub> ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2014, 211, 1704-1708.	0.8	19
45	Evaluation of high strain response in lead-free BNBTFS-xNb ceramics by structure and ferroelectric characterizations. <i>Journal of Physics and Chemistry of Solids</i> , 2020, 138, 109230.	1.9	19
46	Electromechanical properties of ternary BiFeO <sub>3</sub> -0.35BaTiO <sub>3</sub> -BiGaO <sub>3</sub> piezoelectric ceramics. <i>Journal of Electroceramics</i> , 2018, 41, 93-98.	0.8	18
47	Evolution of ferroelectric and piezoelectric response by heat treatment in pseudocubic BiFeO <sub>3</sub> -BaTiO <sub>3</sub> ceramics. <i>Journal of Electroceramics</i> , 2018, 41, 99-104.	0.8	18
48	Enhanced Electric-Field-Induced Strain at the Ferroelectric-Electrostrictive Phase Boundary of Yttrium-Doped Bi <sub>0.5</sub> (Na <sub>0.82</sub> K <sub>0.18</sub> ) <sub>0.5</sub> TiO <sub>3</sub> Lead-Free Piezoelectric Ceramics. <i>Journal of the Korean Physical Society</i> , 2010, 57, 892-896.	0.3	18
49	Phase Transition, Microstructures and Electromechanical Properties of BiAlO <sub>3</sub> -modified Bi <sub>0.5</sub> (Na,K) <sub>0.5</sub> TiO <sub>3</sub> Lead-free Piezoelectric Ceramics. <i>Journal of the Korean Physical Society</i> , 2010, 57, 1102-1105.	0.3	17
50	Structural evolution and electromechanical properties of SrTiO <sub>3</sub> -modified Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -BaTiO <sub>3</sub> ceramics prepared by sol-gel and hydrothermal methods. <i>Materials Chemistry and Physics</i> , 2021, 266, 124529.	2.0	16
51	Electromechanical Properties of Lead-Free Nb-Doped $0.95\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.05\text{BaZrO}_3$ Piezoelectric Ceramics. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2018, 215, 1700942.	0.8	15
52	Impedance Spectroscopy of Lead-free Bi <sub>0.5</sub> (Na <sub>0.78</sub> K <sub>0.22</sub> ) <sub>0.5</sub> TiO <sub>3</sub> -(Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Piezoelectric Ceramics. <i>Journal of the Korean Physical Society</i> , 2010, 57, 1106-1110.	0.3	14
53	Ferroelectric KNNT Fibers by Thermoplastic Extrusion Process: Microstructure and Electromechanical Characterization. <i>Actuators</i> , 2015, 4, 99-113.	1.2	13
54	Effect of sintering temperature on the electromechanical properties of $0.945\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3\text{-}0.055\text{BaZrO}_3$ ceramics. <i>Journal of the Korean Physical Society</i> , 2015, 66, 1072-1076.	0.3	13

#	ARTICLE	IF	CITATIONS
55	Effect of donor doping on the ferroelectric and the piezoelectric properties of lead-free $0.97(\text{Bi}_{0.5}\text{Na}_{0.5}\text{Ti}_{1-x}\text{Nb}_x)\text{O}_3$ - $0.03\text{BaZrO}_3$ ceramics. Journal of the Korean Physical Society, 2015, 67, 1240-1245.	0.3	13
56	Composition-dependent structural, dielectric and ferroelectric responses of lead-free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $\text{SrZrO}_3$ ceramics. Journal of the Korean Physical Society, 2016, 68, 1430-1438.	0.3	13
57	Phase transition and energy storage properties of $\text{BaTiO}_3$ -modified $\text{Bi}_{0.5}(\text{Na}_{0.8}\text{K}_{0.2})_{0.5}\text{TiO}_3$ ceramics. Ferroelectrics, 2017, 517, 97-103.	0.3	13
58	Comparison of Ferroelectric and Strain Properties between $\text{BaTiO}_3$ - and $\text{BaZrO}_3$ -Modified $\text{Bi}_{1/2}(\text{Na}_{0.82}\text{K}_{0.18})_{1/2}\text{TiO}_3$ Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09MD02.	0.8	13
59	Effect of $\text{BiAlO}_3$ concentration on the dielectric and piezoelectric properties of lead-free $(\text{Bi}_{0.5}\text{Na}_{0.5})_{0.94}\text{Ba}_{0.06}\text{TiO}_3$ piezoelectric ceramics. Journal of Electroceramics, 2013, 30, 82-86.	0.8	12
60	Synthesis and electrical properties of $0.65\text{Bi}_{1.05}\text{Fe}_{1-x}\text{Ga}_x\text{O}_3 \approx 0.35\text{BaTiO}_3$ piezoceramics by air quenching process. Journal of Electroceramics, 2018, 41, 60-66.	0.8	12
61	Piezoelectric and ferroelectric properties of lead-free $\text{LiNbO}_3$ -modified $0.97(\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3)$ - $0.03\text{BaZrO}_3$ ceramics. Journal of the Korean Physical Society, 2015, 66, 661-666.	0.3	11
62	Influence of zirconium substitution on dielectric, ferroelectric and field-induced strain behaviors of lead-free $0.99[\text{Bi}_{1/2}(\text{Na}_{0.82}\text{K}_{0.18})_{1/2}(\text{Ti}_{1-x}\text{Zr}_x)\text{O}_3]$ - $0.01\text{LiSbO}_3$ ceramics. Journal of the Korean Physical Society, 2012, 61, 773-778.	0.3	10
63	Dielectric and conduction behaviors of lead-free $\text{LiNbO}_3$ -modified $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ ceramics. Journal of the Korean Physical Society, 2012, 61, 951-955.	0.3	10
64	The Effect of Niobium Doping on the Electrical Properties of $0.4(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ - $0.6\text{BiFeO}_3$ Lead-Free Piezoelectric Ceramics. Materials, 2015, 8, 8183-8194.	1.3	10
65	Effects of B-Site Donor Modification on the Crystal Structure and the Electrical Properties of Lead-Free $0.65\text{BiFeO}_3$ - $0.35\text{BaTiO}_3$ Ceramics. Journal of the Korean Physical Society, 2019, 75, 811-816.	0.3	10
66	Enhanced Electromechanical Properties of $0.65\text{Bi}_{1.05}\text{FeO}_3 \approx 0.35\text{BaTiO}_3$ Ceramics through Optimizing Sintering Conditions. Physica Status Solidi (A) Applications and Materials Science, 2020, 217, 1900970.	0.8	10
67	The Synthesis and Thermoelectric Properties of p-Type $\text{Li}_{1-x}\text{NbO}_2$ -Based Compounds. Journal of Electronic Materials, 2017, 46, 1740-1746.	1.0	9
68	Effect of the processing temperature on the electrical properties of lead-free $0.965\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3 \approx 0.035\text{BaTiO}_3$ piezoelectric ceramics synthesized by sol-gel method. Journal of Sol-Gel Science and Technology, 2019, 90, 643-652.	1.1	9
69	Structure Analysis and Ferroelectric Response of $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ Nanopowder Synthesized by Sol-Gel Method. Journal of Nanoscience and Nanotechnology, 2019, 19, 1323-1329.	0.9	9
70	Thermally-stable high energy-storage performance over a wide temperature range in relaxor-ferroelectric $\text{Bi}_{1/2}\text{Na}_{1/2}\text{TiO}_3$ -based ceramics. Ceramics International, 2021, 47, 23488-23496.	2.3	9
71	Structure and temperature dependent electrical properties of lead-free $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ - $\text{SrZrO}_3$ ceramics. IOP Conference Series: Materials Science and Engineering, 2014, 60, 012047.	0.3	8
72	Effects of cooling rate on the electrical properties of Pb-free BF-BT ceramics. Ferroelectrics, 2019, 553, 76-82.	0.3	7

#	ARTICLE	IF	CITATIONS
73	Dielectric and Ferroelectric Properties of Nb Doped BNT-Based Relaxor Ferroelectrics. Korean Journal of Materials Research, 2015, 25, 317~321-317~321.	0.1	7
74	The Effect of Sintering Temperature on Lead-Free Bi <sub>0.5</sub> (Na <sub>0.78</sub> K <sub>0.22</sub> ) <sub>0.5</sub> TiO <sub>3</sub> -(Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Ceramics. Ferroelectrics, 2010, 404, 157-161.	0.3	6
75	Reactive sintering of (K <sub>0.5</sub> Bi <sub>0.5</sub> )TiO <sub>3</sub> -BiFeO <sub>3</sub> lead-free piezoelectric ceramics. Journal of the Korean Physical Society, 2015, 66, 1426-1438.	0.3	6
76	Stable Ferroelectric Behavior of Nb-Modified Bi <sub>0.5</sub> K <sub>0.5</sub> TiO <sub>3</sub> -Bi(Mg <sub>0.5</sub> Ti <sub>0.5</sub> )O <sub>3</sub> Lead-Free Relaxor Ferroelectric Ceramics. Journal of Electronic Materials, 2018, 47, 2103-2109.	1.0	6
77	Preparation and electrical properties of NaNbO <sub>3</sub> ceramics synthesized by topochemical microcrystal conversion. Ceramics International, 2013, 39, S365-S368.	2.3	5
78	Effect of Na excess on the dielectric and piezoelectric properties of (Na <sub>0.53</sub> K <sub>0.47</sub> )(Nb <sub>0.55</sub> Ta <sub>0.45</sub> )O <sub>3</sub> ceramics. Physica Status Solidi (A) Applications and Materials Science, 2014, 211, 1715-1719.	0.8	5
79	Anisotropic Dielectric and Electrical Properties of Hot-Forged SrBi <sub>4</sub> Ti <sub>4</sub> O <sub>15</sub> Ceramics. International Journal of Applied Ceramic Technology, 2010, 7, E114.	1.1	4
80	Comparison of Ferroelectric and Strain Properties between BaTiO <sub>3</sub> - and BaZrO <sub>3</sub> -Modified Bi <sub>1/2</sub> (Na <sub>0.82</sub> K <sub>0.18</sub> ) <sub>1/2</sub> TiO <sub>3</sub> Ceramics. Japanese Journal of Applied Physics, 2012, 51, 09MD02.	0.8	4
81	Ferroelectric and impedance response of lead-free (B <sub>0.5</sub> N <sub>0.5</sub> )TiO <sub>3</sub> -BaZrO <sub>3</sub> piezoelectric ceramics. IOP Conference Series: Materials Science and Engineering, 2014, 60, 012043.	0.3	4
82	Impedance Spectroscopy of Sodium Excess Ta-Modified (K <sub>0.5</sub> Na <sub>0.5</sub> )NbO <sub>3</sub> Ceramics Prepared by Reactive Templated Grain Growth. Ferroelectrics, 2014, 464, 107-115.	0.3	4
83	Structural, Ferroelectric and Field-Induced Strain Response of Nb-Modified (Bi <sub>0.5</sub> Na <sub>0.5</sub> )TiO <sub>3</sub> -SrZrO <sub>3</sub> Lead-Free Ceramics. Ferroelectrics, 2015, 488, 23-31.	0.3	4
84	Synthesis, Structural Analysis, and Dielectric Response of NaNbO <sub>3</sub> Particles Synthesized by Different Techniques. Materials and Manufacturing Processes, 2014, 29, 733-737.	2.7	3
85	Structural, Dielectric and Field-Induced Strain Properties of La-Modified Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> -BaTiO <sub>3</sub> -SrZrO <sub>3</sub> Ceramics. Korean Journal of Materials Research, 2015, 25, 566-570.	0.1	3
86	Enhanced Piezoelectric Properties of Lead-Free La and Nb Co-Modified Bi <sub>0.5</sub> (Na <sub>0.84</sub> K <sub>0.16</sub> ) <sub>0.5</sub> TiO <sub>3</sub> -SrTiO <sub>3</sub> Ceramics. Korean Journal of Materials Research, 2015, 25, 288-292.	0.1	3
87	Development and characterization of cost effective wear and corrosion resistant HVOF sprayed chromite coatings and hard chrome plating. , 2019, , .		2
88	Dielectric and Piezoelectric Properties of Ta-modified (K <sub>0.53</sub> Na <sub>0.47</sub> )(Nb <sub>0.8</sub> Ta <sub>0.2</sub> )O <sub>3</sub> Ferroelectric Ceramics. Ferroelectrics, 2014, 458, 111-117.	0.3	1
89	Electromechanical properties of lead-free Sr- and Nb-doped Bi <sub>1/2</sub> Na <sub>1/2</sub> TiO <sub>3</sub> BaZrO <sub>3</sub> ceramics. Materials Today: Proceedings, 2018, 5, 13688-13693.	0.9	1
90	Energy storage and piezoelectric properties of lead-free SrTiO <sub>3</sub> -modified 0.965Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> BaTiO <sub>3</sub> ceramics. Journal of Materials Science: Materials in Electronics, 2021, 32, 10712-10725.	1.1	1

#	ARTICLE	IF	CITATIONS
91	Structural and dielectric properties of La and Nb co-substituted $\text{Bi}_{0.5}(\text{Na}_{0.84}\text{K}_{0.16})_{0.5}\text{TiO}_3$ ceramics. , 2015, ,		
92	Grain-Oriented $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ – $\text{BaZrO}_3$ Piezoelectric Ceramics. , 0, ,		0