

Mohammad Reza Bafandeh

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of SrTiO ₃ Modification on the Piezoelectric and Strain Properties of Lead-Free K _{0.5} Na _{0.5} NbO ₃ -Based Ceramics. <i>Journal of Electronic Materials</i> , 2022, 51, 1490-1497.	2.2	4
2	Enhanced electric field induced strain in complex-ion Ga ³⁺ and Ta ⁵⁺ -doped 0.93BNT-0.07BT piezoceramic. <i>Journal of Electroceramics</i> , 2021, 47, 89-99.	2.0	2
3	Two-step sintering of 0.93Bi _{0.5} Na _{0.5} TiO ₃ -0.07BaTiO ₃ lead-free piezoelectric material. <i>Ceramics International</i> , 2021, 47, 28723-28728.	4.8	0
4	Effect of annealing on UV-visible absorption and photoluminescence behavior of liquid phase deposited TiO ₂ nanorods. <i>International Journal of Applied Ceramic Technology</i> , 2019, 16, 2429-2440.	2.1	13
5	UV-visible absorption and photoluminescence characteristics of SnO ₂ nano-tube/wire arrays fabricated by LPD method. <i>International Journal of Applied Ceramic Technology</i> , 2018, 15, 1084-1094.	2.1	13
6	In situ coating of low carbon steel with Ni Al Fe powder mixture via mechanical alloying. <i>Surface and Coatings Technology</i> , 2017, 315, 268-273.	4.8	19
7	Characterization of fabricated cobalt-based alloy/nano bioactive glass composites. <i>Materials Science and Engineering C</i> , 2016, 69, 692-699.	7.3	5
8	Ergodicity and nonergodicity in La-doped Bi _{1/2} (Na _{0.82} K _{0.18}) _{1/2} TiO ₃ relaxors. <i>Journal of the Korean Physical Society</i> , 2015, 66, 1077-1081.	0.7	22
9	Dielectric and piezoelectric properties of sodium potassium niobate-based ceramics sintered in microwave furnace. <i>Materials Chemistry and Physics</i> , 2015, 156, 254-260.	4.0	8
10	Comparison of structural, ferroelectric, and strain properties between A-site donor and acceptor doped Bi _{1/2} (Na _{0.82} K _{0.18}) _{1/2} TiO ₃ ceramics. <i>Ceramics International</i> , 2015, 41, S458-S463.	4.8	45
11	Sintering behavior, dielectric and piezoelectric properties of sodium potassium niobate-based ceramics prepared by single step and two-step sintering. <i>Ceramics International</i> , 2015, 41, 163-170.	4.8	10
12	Improvement of piezoelectric and ferroelectric properties in (K,Na)NbO ₃ - based ceramics via microwave sintering. <i>Journal of Electroceramics</i> , 2014, 33, 128-133.	2.0	23
13	Comparison of sintering behavior and piezoelectric properties of (K,Na)NbO ₃ -based ceramics sintered in conventional and microwave furnace. <i>Materials Chemistry and Physics</i> , 2014, 143, 1289-1295.	4.0	7
14	Enhanced electric field induced strain in SrTiO ₃ modified (K,Na)NbO ₃ -based piezoceramics. <i>Journal of Alloys and Compounds</i> , 2014, 602, 285-289.	5.5	16
15	Effects of SrTiO ₃ on dielectric and piezoelectric properties of K _{0.48} Na _{0.48} Li _{0.04} Nb _{0.96} Ta _{0.04} O ₃ -based piezoceramics. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2013, 178, 277-281.	3.5	2