

Jigong Hao

List of Publications by Year in descending order

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Version: 2024-02-01

112
papers

2,826
citations

218677

26
h-index

189892

50
g-index

114
all docs

114
docs citations

114
times ranked

1462
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Progress in high-strain perovskite piezoelectric ceramics. <i>Materials Science and Engineering Reports</i> , 2019, 135, 1-57. | 31.8 | 530 |
| 2 | Switching of morphotropic phase boundary and large strain response in lead-free ternary (Bi _{0.5} Na _{0.5})TiO ₃ â€“(K _{0.5} Bi _{0.5})TiO ₃ â€“(K _{0.5} Na _{0.5})NbO ₃ system. <i>Journal of Applied Physics</i> , 2013, 113, . | 2.5 | 143 |
| 3 | The Composition and Temperatureâ€“Dependent Structure Evolution and Large Strain Response in (1â€“x)(Bi _{0.5} Na _{0.5})TiO ₃ â€“(1â€“y)(Bi _{0.5} K _{0.5})TiO ₃ â€“x(K _{0.5})NbO ₃ system. <i>Journal of Applied Physics</i> , 2013, 113, . | 1.9 | 116 |
| 4 | Enhanced energy-storage properties of (1â€“x)[(1â€“y)(Bi _{0.5} Na _{0.5})TiO ₃ â€“y(Bi _{0.5} K _{0.5})TiO ₃ â€“x](K _{0.5})NbO ₃ system. <i>Journal of Applied Physics</i> , 2013, 113, . | 1.9 | 116 |
| 5 | Phase transitions, relaxor behavior, and large strain response in LiNbO ₃ -modified Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2013, 114, . | 2.5 | 99 |
| 6 | Electric field-induced ultrahigh strain and large piezoelectric effect in Bi _{1/2} Na _{1/2} TiO ₃ -based lead-free piezoceramics. <i>Journal of the European Ceramic Society</i> , 2016, 36, 489-496. | 5.7 | 96 |
| 7 | Structure evolution and electrostrictive properties in (Bi _{0.5} Na _{0.5}) _{0.94} Ba _{0.06} TiO ₃ â€“M ₂ O ₅ (M = Nb, Ta). <i>Journal of Applied Physics</i> , 2014, 115, 074301. | 5.7 | 87 |
| 8 | Effect of BiMeO ₃ on the Phase Structure, Ferroelectric Stability, and Properties of Leadâ€“Free Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2014, 97, 1776-1784. | 3.8 | 59 |
| 9 | Ultrahigh strain response with fatigue-free behavior in (Bi _{0.5} Na _{0.5})TiO ₃ -based lead-free piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2015, 117, 074301. | 2.8 | 59 |
| 10 | Giant Fieldâ€“Induced Strain with Low Hysteresis and Boosted Energy Storage Performance under Low Electric Field in (Bi _{0.5} Na _{0.5})TiO ₃ -Based Grain Orientationâ€“Controlled Ceramics. <i>Advanced Electronic Materials</i> , 2020, 6, 2000332. | 5.1 | 59 |
| 11 | High-Energy Storage Properties over a Broad Temperature Range in La-Modified BNT-Based Lead-Free Ceramics. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 19683-19696. | 8.0 | 57 |
| 12 | Phase transitional behavior and electric field-induced large strain in alkali niobate-modified Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ lead-free piezoceramics. <i>Journal of Applied Physics</i> , 2014, 115, 034101. | 2.5 | 56 |
| 13 | Large Strain Response in $(1-x)(Bi_{0.5}Na_{0.5})TiO_3 \cdot y(Bi_{0.5}K_{0.5})TiO_3 \cdot z(K_{0.5})NbO_3$ Textured Leadâ€“Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , 2012, 95, 3577-3581. | 3.8 | 51 |
| 14 | Bright reddish-orange emission and good piezoelectric properties of Sm ₂ O ₃ -modified (K _{0.5} Na _{0.5})NbO ₃ -based lead-free piezoelectric ceramics. <i>Journal of Applied Physics</i> , 2015, 117, . | 2.5 | 48 |
| 15 | Lead-free electrostrictive (Bi _{0.5} Na _{0.5})TiO ₃ â€“(Bi _{0.5} K _{0.5})TiO ₃ â€“(K _{0.5} Na _{0.5})NbO ₃ ceramics with good thermostability and fatigue-free behavior. <i>Journal of Materials Science</i> , 2015, 50, 5328-5336. | 3.7 | 48 |
| 16 | 0.46% unipolar strain in lead-free BNT-BT system modified with Al and Sb. <i>Materials Letters</i> , 2016, 184, 152-156. | 2.6 | 48 |
| 17 | Achieving high energy storage performance and ultrafast discharge speed in SrTiO ₃ -based ceramics via a synergistic effect of chemical modification and defect chemistry. <i>Chemical Engineering Journal</i> , 2022, 429, 132548. | 12.7 | 48 |
| 18 | Large electric-field-induced strain in SrZrO ₃ modified Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ lead-free electromechanical ceramics with fatigue-resistant behavior. <i>Journal of Alloys and Compounds</i> , 2015, 647, 857-865. | 5.5 | 47 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Good temperature stability and fatigue-free behavior in Sm ₂ O ₃ -modified 0.948(K _{0.5} Na _{0.5})NbO ₃ â€“0.052LiSbO ₃ lead-free piezoelectric ceramics. Materials Research Bulletin, 2015, 65, 94-102. | 5.2 | 43 |
| 20 | Large electrostrictive effect and strong photoluminescence in rare-earth modified lead-free (Bi _{0.5} Na _{0.5})TiO ₃ -based piezoelectric ceramics. Scripta Materialia, 2016, 122, 10-13. | 5.2 | 39 |
| 21 | Field-induced large strain in lead-free (Bi _{0.5} Na _{0.5}) 1âˆ“x Ba x Ti _{0.98} (Fe _{0.5} Ta _{0.5}) 0.02 O ₃ piezoelectric ceramics. Journal of Alloys and Compounds, 2016, 677, 96-104. | 5.5 | 37 |
| 22 | Large strain response and fatigue-resistant behavior in lead-free Bi _{0.5} (Na _{0.80} K _{0.20}) _{0.5} TiO ₃ â€“(K _{0.5} Na _{0.5}) _{0.5} (M = Sb, Ta) ceramics. RSC Advances, 2015, 5, 82605-82616. | 3.6 | 36 |
| 23 | Enhanced piezoelectric properties in M (M = Co or Zn)-doped Ba _{0.99} Ca _{0.01} Ti _{0.98} Zr _{0.02} O ₃ ceramics. Ceramics International, 2020, 46, 17351-17360. | 4.8 | 32 |
| 24 | Fatigue-resistant, temperature-insensitive strain behavior and strong red photoluminescence in Pr-modified 0.92(Bi _{0.5} Na _{0.5})TiO ₃ â€“0.08(Ba _{0.90} Ca _{0.10})(Ti _{0.92} Sn _{0.08})O ₃ lead-free ceramics. Journal of the European Ceramic Society, 2017, 37, 877-882. | 5.7 | 30 |
| 25 | Low-temperature sintering and electrical properties of Co-doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2014, 25, 3878-3884. | 2.2 | 27 |
| 26 | Electrical properties and luminescence properties of 0.96(K _{0.48} Na _{0.52})(Nb _{0.95} Sb _{0.05})â€“0.04Bi _{0.5} (Na _{0.82} K _{0.18}) _{0.5} ZrO ₃ -xSm lead-free ceramics. Journal of Advanced Ceramics, 2020, 9, 72-82. | 17.4 | 27 |
| 27 | Phase structure, ferroelectric properties, and electric field-induced large strain in lead-free 0.99[(1âˆ“x) Tj ETQq1 1 0.784314 rgBT /Over] ceramics. Journal of Materials Chemistry C, 2017, 5, 9660-9666. | 4.8 | 25 |
| 28 | Bright upconversion emission and large strain in Er/Sb-codoped (Bi _{0.5} Na _{0.5}) 0.945 Ba 0.065 TiO ₃ ceramics. Materials Letters, 2017, 193, 138-141. | 2.6 | 24 |
| 29 | Poling effects on the structural, electrical and photoluminescence properties in Sm doped BCST piezoelectric ceramics. Journal of Materials Chemistry C, 2018, 6, 11312-11319. | 5.5 | 23 |
| 30 | Electric Field Cycling Induced Large Electrostrain in Aged (K _{0.5} Na _{0.5})NbO ₃ â€“Cu Leadâ€“Free Piezoelectric Ceramics. Journal of the American Ceramic Society, 2016, 99, 402-405. | 3.8 | 22 |
| 31 | Strong photoluminescence and good electrical properties in Eu-modified SrBi ₂ Nb ₂ O ₉ multifunctional ceramics. Ceramics International, 2016, 42, 14849-14854. | 4.8 | 22 |
| 32 | Dielectric, ferroelectric and field-induced strain response of lead-free (Fe, Sb)-modified (Bi _{0.5} Na _{0.5}) 0.935 Ba 0.065 TiO ₃ ceramics. Ceramics International, 2016, 42, 9419-9425. | 4.8 | 22 |
| 33 | Field-induced large strain and strong green photoluminescence in (Ho,Sb)-modified (Bi _{0.5} Na _{0.5}) _{0.945} Ba _{0.065} TiO ₃ multifunctional ferroelectric ceramics. Journal of Alloys and Compounds, 2018, 767, 666-674. | 5.5 | 20 |
| 34 | Structure and electrical properties of Bi _{1/2} Na _{1/2} TiO ₃ -based lead-free piezoelectric ceramics. RSC Advances, 2015, 5, 41646-41652. | 3.6 | 19 |
| 35 | Dielectric, ferroelectric and piezoelectric properties of Ca _{0.1} Sr _{0.9} Bi ₂ Nb ₂ O ₉ ceramic. Journal of Materials Science: Materials in Electronics, 2015, 26, 8740-8746. | 2.2 | 18 |
| 36 | Preparation and electrical properties of (1âˆ“x)SrBi ₂ Nb ₂ O ₉ âˆ“xBiFeO ₃ lead-free piezoelectric ceramics. Ceramics International, 2016, 42, 5391-5396. | 4.8 | 18 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | The effect of SiO_2 on electrical properties of low-temperature sintered $\text{Zn}(\text{Bi}_{0.2}\text{O}_{0.3})\text{Ti}_{0.2}\text{Co}_{0.2}\text{O}_3$ MnO_2 -based ceramics. <i>Journal of the American Ceramic Society</i> , 2017, 100, 1057-1064. | | |
| 38 | Photoluminescence and impedance properties of rare-earth doped $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ lead-free ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 9-16. | 2.2 | 18 |
| 39 | The photoluminescence and piezoelectric properties of Eu_2O_3 doped KNN-based ceramics. <i>Journal of Alloys and Compounds</i> , 2020, 829, 154518. | 5.5 | 18 |
| 40 | Giant piezoelectricity and ultrahigh strain response in bismuth sodium titanate lead-free ceramics. <i>Materials Letters</i> , 2016, 165, 143-146. | 2.6 | 17 |
| 41 | Enhanced electrical properties of (Li,Ce) co-doped $\text{Sr}(\text{Na}_{0.5}\text{Bi}_{0.5})\text{Bi}_4\text{Ti}_5\text{O}_{18}$ high temperature piezoceramics. <i>RSC Advances</i> , 2016, 6, 33387-33392. | 3.6 | 16 |
| 42 | The impedance, dielectric and piezoelectric properties of Tb_4O_7 and Tm_2O_3 doped KNN ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 4352-4358. | 2.2 | 16 |
| 43 | Field-induced large strain in lead-free $0.99[(1-x)\text{Bi}_{0.5}(\text{Na}_{0.80}\text{K}_{0.20})_{0.5}\text{TiO}_3]_{1-x}\text{BiFeO}_3]_{x-0.01}(\text{K}_{0.5})\text{Ti}_2\text{ETQq1}$ 1.0.7843 4.8 15 | | |
| 44 | High-energy storage performance of $(1-x)[0.935(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3]_{1-x}\text{Ba}(\text{Zr}_{0.3}\text{Ti}_{0.7})\text{O}_3$ ceramics with wide temperature range. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9974-9981. | 2.2 | 15 |
| 45 | $(1-x)\text{Bi}_{0.5}\text{Na}_{0.47}\text{Li}_{0.03}\text{TiO}_3$ - $x\text{NaNbO}_3$ lead-free ceramics with superior energy storage performances and good temperature stability. <i>Ceramics International</i> , 2022, 48, 24716-24724. | 4.8 | 15 |
| 46 | Optical temperature sensing properties and thermoluminescence behavior in Er-modified potassium sodium niobate-based multifunctional ferroelectric ceramics. <i>Journal of Materials Chemistry C</i> , 2022, 10, 11891-11902. | 5.5 | 15 |
| 47 | Effect of $(\text{Bi}_{0.5}\text{K}_{0.5})\text{TiO}_3$ on the electrical properties, thermal and fatigue behavior of $(\text{K}_{0.5}\text{Na}_{0.5})\text{NbO}_3$ -based lead-free piezoelectrics. <i>Journal of Materials Research</i> , 2015, 30, 2018-2029. | 2.6 | 14 |
| 48 | High strain in $(\text{Bi}_{1/2}\text{Na}_{1/2})_{0.935}\text{Ba}_{0.065}\text{TiO}_3$ Sr_3FeNb_2 lead-free ceramics with giant piezoresponse. <i>RSC Advances</i> , 2015, 5, 90508-90514. | | |
| 49 | Varistor, Dielectric, and Luminescent Properties of Pr_6O_{11} -doped TiO_2 Multifunctional Ceramics. <i>Journal of the American Ceramic Society</i> , 2016, 99, 2995-3001. | 3.8 | 14 |
| 50 | A Novel Hybrid Method of Sol-Gel and Ultrasonic Atomization Synthesis and Piezoelectric Properties of $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2008, 91, 910-913. | 3.8 | 13 |
| 51 | Microstructure, electrical properties of $\text{Bi}_2\text{NiMnO}_6$ -doped $0.935(\text{Bi}_{1/2}\text{Na}_{1/2})\text{TiO}_3$ BaTiO_3 lead-free piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , 2015, 632, 580-584. | 5.5 | 11 |
| 52 | Thermal stability and enhanced electrical properties of Er^{3+} -modified $\text{Na}_{0.5}\text{Bi}_{4.5}\text{Ti}_4\text{O}_{15}$ lead-free piezoelectric ceramics. <i>RSC Advances</i> , 2016, 6, 94870-94875. | 3.6 | 11 |
| 53 | Structural modification and piezoelectric properties in $\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3$ BaTiO_3 SrTiO_3 thin films. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 215-220. | 2.2 | 11 |
| 54 | Strong photoluminescence and high piezoelectric properties of Eu-doped $(\text{Ba}_{0.99}\text{Ca}_{0.01})(\text{Ti}_{0.98}\text{Zr}_{0.02})\text{O}_3$ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 16561-16569. | 2.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Low-temperature sintering of high potential gradient B2O3-doped ZnO varistors. Journal of Materials Science: Materials in Electronics, 2015, 26, 4997-5000. | 2.2 | 10 |
| 56 | Enhanced thermal stability and fatigue resistance in MTiO3-modified (K0.5Na0.5)0.94Li0.06NbO3 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2015, 26, 7867-7872. | 2.2 | 10 |
| 57 | Largely enhanced piezoelectric and luminescent properties of Er doped BST ceramics. RSC Advances, 2015, 5, 91903-91907. | 3.6 | 10 |
| 58 | Energy transfer and luminescence properties of a green-to-red color tunable phosphor Sr8MgY(PO4)7:Tb3+,Eu3+. Journal of Materials Science: Materials in Electronics, 2019, 30, 9421-9428. | 2.2 | 10 |
| 59 | Enhanced temperature stability of modified (K0.5Na0.5)0.94Li0.06NbO3 lead-free piezoelectric ceramics. Journal of Materials Science, 2009, 44, 6162-6166. | 3.7 | 9 |
| 60 | Microstructure and electrical properties of Bi1/2Na1/2TiO3-BaTiO3-Y2NiMnO6 lead-free piezoelectric ceramics. Ceramics International, 2015, 41, 6424-6431. | 4.8 | 9 |
| 61 | Strong red emission and enhanced ferroelectric properties in (Pr, Ce)-modified Na0.5Bi4.5Ti4O15 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 12216-12221. | 2.2 | 9 |
| 62 | Temperature-insensitive strain behavior in 0.99[(1-x)Bi0.5(Na0.80K0.20)0.5TiO3]xBiFeO3 lead-free piezoelectric ceramics. International Journal of Applied Ceramic Technology, 2017, 14, 623-629. | | |
| 63 | Temperature stability and electrical properties of Tm2O3 doped KNN-based ceramics. Journal of Materials Science: Materials in Electronics, 2019, 30, 4716-4725. | 2.2 | 9 |
| 64 | Intrinsic and extrinsic dielectric contributions to the electrical properties in CaZrO3-doped KNN-based electrical/optical multifunctional ceramics. Journal of Materials Science, 2020, 55, 5741-5749. | 3.7 | 9 |
| 65 | Microstructure and enhanced electrical properties of lead-free Bi1/2Na1/2TiO3-BaTiO3-La2CoMnO6 ternary system ceramics. Ceramics International, 2015, 41, 14124-14129. | 4.8 | 8 |
| 66 | Preparation and electrical properties of SrBi2-xSmxNb2O9 lead-free piezoelectric ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 2114-2119. | 2.2 | 8 |
| 67 | Reddish orange-emitting and improved electrical properties of Sm2O3-doped SrBi4Ti4O15 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 16341-16347. | 2.2 | 8 |
| 68 | High-temperature and long-term stability of Ho-doped potassium sodium niobate-based multifunctional ceramics. Ceramics International, 2021, 47, 13391-13401. | 4.8 | 8 |
| 69 | Electric Field-Induced Large Strain in Ni/Sb-co Doped (Bi0.5Na0.5) TiO3-Based Lead-Free Ceramics. Journal of Electronic Materials, 2018, 47, 1512-1518. | 2.2 | 8 |
| 70 | Electrical properties and thermal stability of Na0.5Bi4.5(La0.5Ce0.5)Ti4O15 Aurivillius ceramics. Materials Letters, 2016, 180, 252-255. | 2.6 | 7 |
| 71 | Rare-earth doped (K0.5Na0.5)NbO3 multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 5288-5294. | 2.2 | 7 |
| 72 | Improved piezoelectricity and high strain response of (1-x)(0.948K0.5Na0.5NbO3)0.052LiSbO3)xBi2O3 ceramics. Journal of Materials Science: Materials in Electronics, 2017, 28, 1211-1216. | 2.2 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Bright green emission and enhanced electrical properties in SrBi ₄ -Ho Ti ₄ O ₁₅ multifunctional ceramics. <i>Materials Chemistry and Physics</i> , 2018, 203, 82-88. | 4.0 | 7 |
| 74 | Lead-free (0.93-x)Bi _{0.5} Na _{0.5} Ti ₃ -0.07BaTiO ₃ -xNaNbO ₃ relaxor ferroelectrics for energy storage applications. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 22676-22686. | 2.2 | 7 |
| 75 | Hydrothermal preparation and electrical properties of Aurivillius phase SrBi ₄ Ti ₄ O ₁₅ ceramic. <i>Ferroelectrics</i> , 2017, 516, 148-155. | 0.6 | 6 |
| 76 | Lead-free rare earth-modified (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.86} Ta _{0.14} Sb _{0.04})O ₃ ceramics: phase structure, electrical and photoluminescence properties. <i>Journal of Materials Science: Materials in Electronics</i> , 2018, 29, 4791-4800. | 2.2 | 6 |
| 77 | Upconversion luminescence and electrical properties of (K,Er) co-modified Na _{0.5} Bi ₄ Ti ₄ O ₁₅ high-temperature piezoceramics. <i>Physica B: Condensed Matter</i> , 2020, 580, 411920. | 2.7 | 6 |
| 78 | Temperature independent fatigue-free behavior in sodium bismuth titanate-based lead-free ceramics. <i>Scripta Materialia</i> , 2021, 194, 113678. | 5.2 | 6 |
| 79 | Bismuth layer-structured piezoelectric ceramics with high piezoelectric constant and high temperature stability. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5686-5689. | 2.2 | 5 |
| 80 | Enhanced electrical properties of lead-free (1-x)(K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.91} Ta _{0.05} Sb _{0.04})O ₃ -xSrZrO ₃ ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2016, 27, 6535-6541. | 2.2 | 5 |
| 81 | Strong Photoluminescence and Improved Electrical Properties in Eu-Modified SrBi ₄ Ti ₄ O ₁₅ Multifunctional Ceramics. <i>Journal of Electronic Materials</i> , 2017, 46, 4398-4404. | 2.2 | 5 |
| 82 | Electric field-induced large strain of (Bi _{1/2} Na _{1/2}) _{0.935} Ba _{0.065} TiO ₃ -CaAlO ₄ lead-free ceramics. <i>Materials Letters</i> , 2017, 209, 408-412. | 2.6 | 5 |
| 83 | Ho-doped SrBi ₂ Nb ₂ O ₉ multifunctional ceramics with bright green emission and good electrical properties. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2017, 214, 1700276. | 1.8 | 5 |
| 84 | Strong red emission and enhanced electrical properties in Pr-doped SrBi ₄ Ti ₄ O ₁₅ multifunctional ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17890-17898. | 2.2 | 5 |
| 85 | Polarization-induced photoluminescence variation in Pr ³⁺ -doped (Ba, Ca)(Ti, Sn)O ₃ ferroelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 22398-22407. | 2.2 | 5 |
| 86 | Preparation of (K _{0.50} Na _{0.50})NbO ₃ Lead-Free Piezoelectric Ceramics by Mechanical Activation Assisted Method. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 110207. | 1.5 | 5 |
| 87 | Structure and electrical properties of (1-x)(Na _{0.5} Bi _{0.5}) _{0.94} Ba _{0.06} TiO ₃ -xSmAlO ₃ lead-free piezoelectric ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 122-127. | 2.2 | 4 |
| 88 | Investigation of structural and electrical properties of B-site complex ion (Nd _{1/2} Ta _{1/2}) ₄₊ -doped Bi _{1/2} Na _{1/2} TiO ₃ lead-free piezoelectric ceramic. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 5409-5415. | 2.2 | 4 |
| 89 | Nonlinear electrical properties of MnO ₂ -doped TiO ₂ capacitor varistor ceramics. <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 7232-7237. | 2.2 | 4 |
| 90 | The optimization of electric properties of multilayered BNT-BT-ST/BCST thin films by configuration. <i>RSC Advances</i> , 2015, 5, 6181-6185. | 3.6 | 4 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | (K _{0.5} Na _{0.5}) _{0.96} Li _{0.04} Nb _{0.86} Ta _{0.1} Sb _{0.04} O ₃ â€“SrZrO ₃ ceramics with good fatigue-resistance and temperature-stable piezoelectric properties. Journal of Materials Science: Materials in Electronics, 2016, 27, 13249-13258. | 2.2 | 4 |
| 92 | Structure and electrical properties of lead-free Sr _{1-x} (K,Ce) _{x/2} (Na _{0.5} Bi _{0.5}) ₄ Ti ₅ O ₁₈ piezoelectric ceramics. RSC Advances, 2016, 6, 13803-13808. | 3.6 | 184 |
| 93 | Strong up-conversion luminescence and electrical properties of SrBi ₄ Ti ₄ O ₁₅ multifunctional ceramics by Er ³⁺ doping. Journal of Materials Science: Materials in Electronics, 2017, 28, 5840-5845. | 2.2 | 4 |
| 94 | Strong red emission and enhanced electrostrain in (Bi _{0.5} Na _{0.5}) _{0.935} Pr _x Ba _{0.065} Ti _{1-x} Sb _x O ₃ lead-free multifunctional ceramics. Journal of Materials Science: Materials in Electronics, 2018, 29, 13810-13817. | 2.2 | 4 |
| 95 | Photoluminescence and electrical properties of SrSmAlO ₄ -doped (Bi _{0.5} Na _{0.5}) _{0.935} Ba _{0.065} TiO ₃ ferroelectric ceramics. Ceramics International, 2019, 45, 5008-5014. | 4.8 | 4 |
| 96 | Compositionâ€“dependent microstructure and electrical property of (1-x)SBNâ€“xBNBT solid solutions. Journal of the American Ceramic Society, 2020, 103, 6913-6921. | 3.8 | 4 |
| 97 | Polarization-induced phase structure transition and change of photoluminescence in Er ³⁺ -doped (Ba, _{Tj} ETQq1 1 0,784314 rgBT /Over | 3.7 | 4 |
| 98 | Bright upconversion emission and enhanced piezoelectric properties in Er-modified bismuth layer-structured SrCaBi ₄ Ti ₅ O ₁₈ ceramics. Journal of Materials Science: Materials in Electronics, 2016, 27, 5259-5263. | 2.2 | 3 |
| 99 | Improved Piezoelectricity in (K _{0.44} Na _{0.52} Li _{0.04}) (Nb _{0.91} Ta _{0.05} Sb _{0.04})O _{3-x} Bi _{0.25} Na _{0.25} NbO ₃ Lead-Free Piezoelectric Ceramics. Journal of Electronic Materials, 2017, 46, 116-122. | 2.2 | 3 |
| 100 | Effect of Bi ₂ O ₃ content on the microstructure and electrical properties of SrBi ₂ Nb ₂ O ₉ piezoelectric ceramics. RSC Advances, 2018, 8, 15613-15620. | 3.6 | 3 |
| 101 | Enhancement of the electrical-field-induced strain in sodium bismuth titanate-based lead-free ceramics by co-doping with Mn and Nb. Journal of Materials Science: Materials in Electronics, 2019, 30, 9705-9714. | 2.2 | 3 |
| 102 | Dielectric relaxation, impedance spectra, temperature stability and electrical properties of Sr ₂ MnSbO ₆ -modified KNN ceramics. Journal of Materials Science: Materials in Electronics, 2020, 31, 959-966. | 2.2 | 3 |
| 103 | Singleâ€“Calcination Synthesis of Pyrochlore Free Pb(Mg _{1/3} Nb _{2/3})O ₃ Powders Using Particleâ€“Coating Method. Journal of the American Ceramic Society, 2010, 93, 18-21. | 3.8 | 2 |
| 104 | Microstructure and piezoelectric properties of Ho ₂ O ₃ doped (K _{0.4} Na _{0.6}) _{0.95} Li _{0.05} Nb _{0.95} Sb _{0.05} O ₃ lead-free ceramics near the rhombohedralâ€“orthorhombic phase boundary. Journal of Materials Science: Materials in Electronics, 2015, 26, 9654-9660. | 2.2 | 2 |
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