

Fernando Rubio-Marcos

List of Publications by Year in descending order

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117
papers

3,865
citations

117625

34
h-index

149698

56
g-index

123
all docs

123
docs citations

123
times ranked

3769
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Sintering and properties of lead-free (K,Na,Li)(Nb,Ta,Sb)O ₃ ceramics. Journal of the European Ceramic Society, 2007, 27, 4125-4129. | 5.7 | 184 |
| 2 | Long lasting phosphors: SrAl ₂ O ₄ :Eu, Dy as the most studied material. Renewable and Sustainable Energy Reviews, 2018, 81, 2759-2770. | 16.4 | 181 |
| 3 | Ferroelectric domain wall motion induced by polarized light. Nature Communications, 2015, 6, 6594. | 12.8 | 138 |
| 4 | Effect of ZnO on the structure, microstructure and electrical properties of KNN-modified piezoceramics. Journal of the European Ceramic Society, 2009, 29, 3045-3052. | 5.7 | 127 |
| 5 | Lead-Free Piezoceramics: Revealing the Role of the Rhombohedral-Tetragonal Phase Coexistence in Enhancement of the Piezoelectric Properties. ACS Applied Materials & Interfaces, 2015, 7, 23080-23088. | 8.0 | 122 |
| 6 | Novel hierarchical Co ₃ O ₄ /ZnO mixtures by dry nanodispersion and their catalytic application in the carbonylation of glycerol. Journal of Catalysis, 2010, 275, 288-293. | 6.2 | 120 |
| 7 | Feasible integration in asphalt of piezoelectric cymbals for vibration energy harvesting. Energy Conversion and Management, 2016, 112, 246-253. | 9.2 | 115 |
| 8 | Correlation between the piezoelectric properties and the structure of lead-free KNN-modified ceramics, studied by Raman Spectroscopy. Journal of Raman Spectroscopy, 2011, 42, 639-643. | 2.5 | 101 |
| 9 | High spatial resolution structure of (K,Na)NbO ₃ lead-free ferroelectric domains. Journal of Materials Chemistry, 2012, 22, 9714. | 6.7 | 97 |
| 10 | Reversible optical control of macroscopic polarization in ferroelectrics. Nature Photonics, 2018, 12, 29-32. | 31.4 | 97 |
| 11 | Understanding the piezoelectric properties in potassium-sodium niobate-based lead-free piezoceramics: Interrelationship between intrinsic and extrinsic factors. Journal of the European Ceramic Society, 2017, 37, 3501-3509. | 5.7 | 90 |
| 12 | Role of sintering time, crystalline phases and symmetry in the piezoelectric properties of lead-free KNN-modified ceramics. Materials Chemistry and Physics, 2010, 123, 91-97. | 4.0 | 82 |
| 13 | Effect of stoichiometry and milling processes in the synthesis and the piezoelectric properties of modified KNN nanoparticles by solid state reaction. Journal of the European Ceramic Society, 2010, 30, 2763-2771. | 5.7 | 79 |
| 14 | High Strain in (K,Na)NbO ₃ -Based Lead-Free Piezoelectric Fibers. Chemistry of Materials, 2014, 26, 3838-3848. | 6.7 | 79 |
| 15 | Evolution of the intergranular phase during sintering of CaCu ₃ Ti ₄ O ₁₂ ceramics. Journal of the European Ceramic Society, 2010, 30, 737-742. | 5.7 | 77 |
| 16 | Effects of Poling Process on KNN-Modified Piezoceramic Properties. Journal of the American Ceramic Society, 2010, 93, 318-321. | 3.8 | 73 |
| 17 | Properties related phase evolution in porcelain ceramics. Journal of the European Ceramic Society, 2007, 27, 4065-4069. | 5.7 | 70 |
| 18 | Ferroelectric domain structure of lead-free potassium-sodium niobate ceramics. Journal of the European Ceramic Society, 2011, 31, 1861-1864. | 5.7 | 68 |

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|----|--|------|-----------|
| 19 | Original Synthetic Route To Obtain a SrAl ₂ O ₄ Phosphor by the Molten Salt Method: Insights into the Reaction Mechanism and Enhancement of the Persistent Luminescence. <i>Inorganic Chemistry</i> , 2015, 54, 9896-9907. | 4.0 | 59 |
| 20 | Energy Product Enhancement in Imperfectly Exchange-Coupled Nanocomposite Magnets. <i>Advanced Electronic Materials</i> , 2016, 2, 1500365. | 5.1 | 47 |
| 21 | Effect of MnO doping on the structure, microstructure and electrical properties of the (K,Na,Li)(Nb,Ta,Sb)O ₃ lead-free piezoceramics. <i>Journal of Alloys and Compounds</i> , 2011, 509, 8804-8811. | 5.5 | 43 |
| 22 | Structure, microstructure and electrical properties of Cu ²⁺ doped (K,Na,Li)(Nb,Ta,Sb)O ₃ piezoelectric ceramics. <i>Ceramics International</i> , 2013, 39, 4139-4149. | 4.8 | 43 |
| 23 | Structural, microstructural and electrical properties evolution of (K,Na,Li)(Nb,Ta,Sb)O ₃ lead-free piezoceramics through NiO doping. <i>Journal of the European Ceramic Society</i> , 2011, 31, 2309-2317. | 5.7 | 42 |
| 24 | New concepts for process intensification in the conversion of glycerol carbonate to glycidol. <i>Applied Catalysis B: Environmental</i> , 2013, 129, 575-579. | 20.2 | 42 |
| 25 | Extrinsic contribution and non-linear response in lead-free KNN-modified piezoceramics. <i>Journal Physics D: Applied Physics</i> , 2009, 42, 025402. | 2.8 | 41 |
| 26 | Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics. <i>Journal of the European Ceramic Society</i> , 2015, 35, 4017-4021. | 5.7 | 41 |
| 27 | Insights into the room temperature magnetism of ZnO-Co ₃ O ₄ mixtures. <i>Journal of Applied Physics</i> , 2008, 103, 083905. | 2.5 | 40 |
| 28 | Piezoceramics properties as a function of the structure in the system (K,Na,Li)(Nb,Ta,Sb)O ₃ . <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2009, 56, 1835-1842. | 3.0 | 40 |
| 29 | ZnO Nanoporous Spheres with Broad-Spectrum Antimicrobial Activity by Physicochemical Interactions. <i>ACS Applied Nano Materials</i> , 2018, 1, 3214-3225. | 5.0 | 39 |
| 30 | Sintering behaviour of nanostructured glass-ceramic glazes. <i>Ceramics International</i> , 2010, 36, 1845-1850. | 4.8 | 38 |
| 31 | Monitoring the catalytic synthesis of glycerol carbonate by real-time attenuated total reflection FTIR spectroscopy. <i>Applied Catalysis A: General</i> , 2011, 409-410, 106-112. | 4.3 | 38 |
| 32 | Exploring different sintering atmospheres to reduce nonlinear response of modified KNN piezoceramics. <i>Journal of the European Ceramic Society</i> , 2013, 33, 825-831. | 5.7 | 38 |
| 33 | Some clues about the interphase reaction between ZnO and MnO ₂ oxides. <i>Journal of Solid State Chemistry</i> , 2009, 182, 1211-1216. | 2.9 | 37 |
| 34 | Revealing the role of cationic displacement in potassium-sodium niobate lead-free piezoceramics by adding W ⁶⁺ ions. <i>Journal of Materials Chemistry C</i> , 2015, 3, 4168-4178. | 5.5 | 36 |
| 35 | Designing nanostructured strontium aluminate particles with high luminescence properties. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1268-1276. | 5.5 | 35 |
| 36 | Intermediate phases formation during the synthesis of Bi ₄ Ti ₃ O ₁₂ by solid state reaction. <i>Ceramics International</i> , 2010, 36, 1319-1325. | 4.8 | 34 |

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|----|---|------|-----------|
| 37 | Extensive domain wall contribution to strain in a (K,Na)NbO ₃ -based lead-free piezoceramics quantified from high energy X-ray diffraction. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2489-2494. | 5.7 | 34 |
| 38 | A Solid-State Electrochemical Reaction as the Origin of Magnetism at Oxide Nanoparticle Interfaces. <i>Journal of the Electrochemical Society</i> , 2010, 157, E31. | 2.9 | 33 |
| 39 | Nanostructured ZnO/sepiolite monolithic sorbents for H ₂ S removal. <i>Journal of Materials Chemistry A</i> , 2015, 3, 1306-1316. | 10.3 | 33 |
| 40 | The impact of the synthesis conditions on SrAl ₂ O ₄ :Eu, Dy formation for a persistent afterglow. <i>Materials and Design</i> , 2016, 108, 354-363. | 7.0 | 33 |
| 41 | Effect of the temperature on the synthesis of (K,Na)NbO ₃ -modified nanoparticles by a solid state reaction route. <i>Journal of Nanoparticle Research</i> , 2010, 12, 2495-2502. | 1.9 | 31 |
| 42 | On the origin of remanence enhancement in exchange-uncoupled CoFe ₂ O ₄ -based composites. <i>Applied Physics Letters</i> , 2014, 105, . | 3.3 | 30 |
| 43 | A low-energy milling approach to reduce particle size maintains the luminescence of strontium aluminates. <i>RSC Advances</i> , 2015, 5, 42559-42567. | 3.6 | 30 |
| 44 | Experimental evidence of charged domain walls in lead-free ferroelectric ceramics: light-driven nanodomain switching. <i>Nanoscale</i> , 2018, 10, 705-715. | 5.6 | 29 |
| 45 | Control of the Interphases Formation Degree in Co ₃ O ₄ /ZnO Catalysts. <i>ChemCatChem</i> , 2013, 5, 1431-1440. | 3.7 | 28 |
| 46 | Template-Assisted Wet-Combustion Synthesis of Fibrous Nickel-Based Catalyst for Carbon Dioxide Methanation and Methane Steam Reforming. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 43553-43562. | 8.0 | 28 |
| 47 | Light-Induced Capacitance Tunability in Ferroelectric Crystals. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 21804-21807. | 8.0 | 28 |
| 48 | Polymorphic phase boundary in piezoelectric oxides. <i>Journal of Applied Physics</i> , 2020, 127, . | 2.5 | 26 |
| 49 | Modification of optical properties in ZnO particles by surface deposition and anchoring of NiO nanoparticles. <i>Journal of Alloys and Compounds</i> , 2011, 509, 2891-2896. | 5.5 | 25 |
| 50 | Resolution of the ferroelectric domains structure in (K,Na)NbO ₃ -based lead-free ceramics by confocal Raman microscopy. <i>Journal of Applied Physics</i> , 2013, 113, . | 2.5 | 25 |
| 51 | Extrinsic response enhancement at the polymorphic phase boundary in piezoelectric materials. <i>Applied Physics Letters</i> , 2016, 108, . | 3.3 | 24 |
| 52 | Effect of lanthanide doping on structural, microstructural and functional properties of K _{0.5} Na _{0.5} NbO ₃ lead-free piezoceramics. <i>Ceramics International</i> , 2016, 42, 17530-17538. | 4.8 | 24 |
| 53 | Electric field effect on the microstructure and properties of Ba _{0.9} Ca _{0.1} Ti _{0.9} Zr _{0.1} O ₃ (BCTZ) lead-free ceramics. <i>Journal of Materials Chemistry A</i> , 2018, 6, 5419-5429. | 10.3 | 24 |
| 54 | Accelerated disintegration of compostable Ecovio polymer by using ZnO particles as filler. <i>Polymer Degradation and Stability</i> , 2021, 185, 109501. | 5.8 | 24 |

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|----|---|-----|-----------|
| 55 | High chemical stability of stoneware tiles containing waste metals. Journal of the European Ceramic Society, 2010, 30, 2997-3004. | 5.7 | 23 |
| 56 | Mechanism of Ni _{1-x} Zn _x O Formation by Thermal Treatments on NiO Nanoparticles Dispersed over ZnO. Journal of Physical Chemistry C, 2011, 115, 13577-13583. | 3.1 | 23 |
| 57 | Photo-Controlled Ferroelectric-Based Nanoactuators. ACS Applied Materials & Interfaces, 2019, 11, 13921-13926. | 8.0 | 23 |
| 58 | Precise Tuning of the Nanostructured Surface leading to the Luminescence Enhancement in SrAl ₂ O ₄ Based Core/Shell Structure. Scientific Reports, 2017, 7, 462. | 3.3 | 22 |
| 59 | Exploring new methodologies for the identification of the morphotropic phase boundary region in the (BiNa)TiO ₃ -BaTiO ₃ lead free piezoceramics: Confocal Raman Microscopy. Journal of Alloys and Compounds, 2018, 739, 799-805. | 5.5 | 22 |
| 60 | Control of the Crystalline Structure and Piezoelectric Properties of (K,Na,Li)(Nb,Ta,Sb)O ₃ Ceramics through Transition Metal Oxide Doping. Applied Physics Express, 2011, 4, 101501. | 2.4 | 21 |
| 61 | Self-Forming 3D Core-Shell Ceramic Nanostructures for Halogen-Free Flame Retardant Materials. ACS Applied Materials & Interfaces, 2016, 8, 9462-9471. | 8.0 | 21 |
| 62 | The Benefits of the ZnO/Clay Composite Formation as a Promising Antifungal Coating for Paint Applications. Applied Sciences (Switzerland), 2020, 10, 1322. | 2.5 | 21 |
| 63 | New insights into the properties of K _x Na _(1-x) NbO ₃ ceramics obtained by hydrothermal synthesis. Ceramics International, 2014, 40, 14701-14712. | 4.8 | 20 |
| 64 | Effect of Processing on the Sintering of High Dielectric constant CaCu ₃ Ti ₄ O ₁₂ Ceramics. International Journal of Applied Ceramic Technology, 2011, 8, 1201-1207. | 2.1 | 19 |
| 65 | Influences of secondary phases on ferroelectric properties of Bi(Na,K)TiO ₃ ceramics. Ceramics International, 2015, 41, 5380-5386. | 4.8 | 18 |
| 66 | Towards Blue Long-Lasting Luminescence of Eu/Nd-Doped Calcium-Aluminate Nanostructured Platelets via the Molten Salt Route. Nanomaterials, 2019, 9, 1473. | 4.1 | 18 |
| 67 | Evolution of structural and electrical properties of (K,Na,Li)(Nb,Ta,Sb)O ₃ lead-free piezoceramics through CoO doping. Solid State Communications, 2011, 151, 1463-1466. | 1.9 | 17 |
| 68 | Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers. Journal of the European Ceramic Society, 2017, 37, 3713-3719. | 5.7 | 17 |
| 69 | The fight against multidrug-resistant organisms: The role of ZnO crystalline defects. Materials Science and Engineering C, 2019, 99, 575-581. | 7.3 | 17 |
| 70 | Influence of the BaTiO ₃ addition to K _{0.5} Na _{0.5} NbO ₃ lead-free ceramics on the vacancy-like defect structure and dielectric properties. Journal of the European Ceramic Society, 2021, 41, 1288-1298. | 5.7 | 17 |
| 71 | Influence of B-site compositional homogeneity on properties of (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.86} Ta _{0.10} Sb _{0.04})O ₃ -based piezoelectric ceramics. Journal of the European Ceramic Society, 2014, 34, 2249-2257. | 5.7 | 16 |
| 72 | Characterization of Carbon Nanoparticles in Thin-Film Nanocomposites by Confocal Raman Microscopy. Journal of Physical Chemistry C, 2014, 118, 10488-10494. | 3.1 | 16 |

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|----|--|-----|-----------|
| 73 | Exploring New Mechanisms for Effective Antimicrobial Materials: Electric Contact-Killing Based on Multiple Schottky Barriers. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 26219-26225. | 8.0 | 16 |
| 74 | Ag-AgO nanostructures on glass substrates by solid-state dewetting: From extended to localized surface plasmons. <i>Journal of Applied Physics</i> , 2018, 124, . | 2.5 | 16 |
| 75 | Improved non-linear behaviour of ZnO-based varistor thick films prepared by tape casting and screen printing. <i>Journal of the European Ceramic Society</i> , 2007, 27, 3887-3891. | 5.7 | 15 |
| 76 | Mechanical Properties and Dimensional Effects of ZnO- and SnO ₂ -Based Varistors. <i>Journal of the American Ceramic Society</i> , 2008, 91, 3105-3108. | 3.8 | 15 |
| 77 | In situ formation of Mn-doped ZnO aligned structures by rapid heating method. <i>Materials Letters</i> , 2009, 63, 212-214. | 2.6 | 15 |
| 78 | Poling and depoling influence on the micro-stress states and phase coexistence in KNN-based piezoelectric ceramics. <i>Journal of the European Ceramic Society</i> , 2019, 39, 1011-1019. | 5.7 | 15 |
| 79 | Photocontrolled Strain in Polycrystalline Ferroelectrics via Domain Engineering Strategy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 20858-20864. | 8.0 | 15 |
| 80 | Tuning of Active Sites in Ni _{1-x} Nb _x O Catalysts for the Direct Conversion of Ethane to Acetonitrile or Ethylene. <i>ChemCatChem</i> , 2011, 3, 1637-1645. | 3.7 | 14 |
| 81 | Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis. <i>Ceramics International</i> , 2014, 40, 12603-12607. | 4.8 | 14 |
| 82 | Evaluation of the performance of a lead-free piezoelectric material for energy harvesting. <i>Smart Materials and Structures</i> , 2015, 24, 115011. | 3.5 | 14 |
| 83 | Performance and Stability of Wet-Milled CoAl ₂ O ₄ , Ni/CoAl ₂ O ₄ , and Pt,Ni/CoAl ₂ O ₄ for Soot Combustion. <i>Catalysts</i> , 2020, 10, 406. | 3.5 | 14 |
| 84 | One more step against nanotoxicity: Hierarchical particles designed to antifungal properties. <i>Materials and Design</i> , 2017, 134, 188-195. | 7.0 | 13 |
| 85 | Pt-free CoAl ₂ O ₄ catalyst for soot combustion with NO _x /O ₂ . <i>Applied Catalysis A: General</i> , 2020, 591, 117404. | 4.3 | 13 |
| 86 | Enhancing NIR emission in ZnAl ₂ O ₄ :Nd,Ce nanofibers by co-doping with Ce and Nd: a promising biomarker material with low cytotoxicity. <i>Journal of Materials Chemistry C</i> , 2021, 9, 657-670. | 5.5 | 13 |
| 87 | Insights into the dielectric and luminescent properties of Na _{0.5} Pr _{0.003} Bi _{0.497} xLa _x TiO ₃ synthesized by the Pechini method. <i>Dalton Transactions</i> , 2013, 42, 6879. | 3.3 | 12 |
| 88 | Influence of MoO ₃ on electrical and microstructural properties of (K _{0.44} Na _{0.52} Li _{0.04})(Nb _{0.86} Ta _{0.10} Sb _{0.04})O ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2013, 24, 3587-3593. | 2.2 | 10 |
| 89 | Ferroelectric Properties of Bi _{0.5} (Na _{0.8} K _{0.2}) _{0.5} TiO ₃ Ceramics. <i>Advanced Materials Research</i> , 2014, 975, 3-8. | 0.3 | 10 |
| 90 | Unveiling the role of the hexagonal polymorph on SrAl ₂ O ₄ -based phosphors. <i>RSC Advances</i> , 2018, 8, 28918-28927. | 3.6 | 10 |

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|-----|--|-----|-----------|
| 91 | Pt mechanical dispersion on non-porous alumina for soot oxidation. <i>Catalysis Communications</i> , 2020, 140, 105999. | 3.3 | 10 |
| 92 | Nanostructural evolution in mesoporous networks using in situ High-Speed Temperature Scanner. <i>Ceramics International</i> , 2018, 44, 12265-12272. | 4.8 | 9 |
| 93 | Investigating Raman spectra and density functional theory calculations on SrAl ₂ O ₄ polymorphs. <i>Journal of Raman Spectroscopy</i> , 2019, 50, 91-101. | 2.5 | 9 |
| 94 | Boosting phosphorescence efficiency by crystal anisotropy in SrAl ₂ O ₄ :Eu,Dy textured ceramic layers. <i>Journal of the European Ceramic Society</i> , 2020, 40, 1677-1683. | 5.7 | 9 |
| 95 | Effect of fugitive phase addition on porosity evolution and properties of stoneware tiles. <i>Advances in Applied Ceramics</i> , 2010, 109, 219-224. | 1.1 | 8 |
| 96 | The impact of microstructure in (K,Na)NbO ₃ -based lead-free piezoelectric fibers: From processing to device production for structural health monitoring. <i>Journal of the European Ceramic Society</i> , 2016, 36, 2745-2754. | 5.7 | 8 |
| 97 | Stabilization of the morphotropic phase boundary in (1-x)Bi _{0.5} Na _{0.5} TiO ₃ -xBaTiO ₃ ceramics through two alternative synthesis pathways. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 18405-18412. | 2.2 | 8 |
| 98 | Confocal Raman Microscopy, Synchrotron X-ray Diffraction, and Photoacoustic Study of Ba _{0.85} Ca _{0.15} Ti _{0.90} Zr _{0.10} O ₃ : Understanding Structural and Microstructural Response to the Electric Field. <i>ACS Applied Electronic Materials</i> , 2021, 3, 2966-2976. | 4.3 | 7 |
| 99 | Influence of surface modifiers on hydrothermal synthesis of K _x Na(1-x)NbO ₃ . <i>Journal of Materials Science: Materials in Electronics</i> , 2015, 26, 9402-9408. | 2.2 | 6 |
| 100 | Thermal and microstructural analysis of doped alumina nanofibers. <i>Thermochimica Acta</i> , 2015, 602, 43-48. | 2.7 | 6 |
| 101 | Large coincidence lattice on Au/Fe ₃ O ₄ incommensurate structure for spintronic applications. <i>Applied Surface Science</i> , 2015, 355, 698-701. | 6.1 | 5 |
| 102 | Mechanical properties enhancement in potassium-sodium niobate lead-free piezoceramics: the impact of chemical modifications. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 5128-5134. | 2.2 | 5 |
| 103 | Opening a New Gate to Glass Preservative with Long-Lasting Antimicrobial Activity as Replacement of Parabens. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 294-302. | 6.7 | 5 |
| 104 | Enhancement of piezoelectric properties stability of submicron-structured piezoceramics obtained by spark plasma sintering. <i>Journal of the European Ceramic Society</i> , 2018, 38, 4659-4663. | 5.7 | 5 |
| 105 | Correlation between the structure and the piezoelectric properties of lead-free (K,Na,Li)(Nb,Ta,Sb)O ₃ ceramics studied by XRD and Raman spectroscopy. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2011, 58, 1826-1834. | 3.0 | 4 |
| 106 | Dielectric and ferroelectric properties evolution of (1-x)(Bi _{0.5} Na _{0.5} TiO ₃)-xK _{0.5} Na _{0.5} NbO ₃ piezoceramics. <i>Bulletin of Materials Science</i> , 2020, 43, 1. | 1.7 | 4 |
| 107 | Piezoelectric and structural properties of bismuth sodium potassium titanate lead-free ceramics for energy harvesting. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19117-19125. | 2.2 | 4 |
| 108 | Confocal Raman Microscopy Can Make a Large Difference: Resolving and Manipulating Ferroelectric Domains for Piezoelectric Engineering. <i>Springer Series in Surface Sciences</i> , 2018, , 531-556. | 0.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Aluminate-Based Nanostructured Luminescent Materials: Design of Processing and Functional Properties. <i>Materials</i> , 2021, 14, 4591. | 2.9 | 3 |
| 110 | Respuesta Ferro-Piezoel ctrica de $(K,Na,Li)(Nb,Ta,Sb)O_3$ Poroso. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2014, 53, 48-52. | 1.9 | 3 |
| 111 | Anomalous local lattice disorder and distortion in $A_2Mo_2O_7$ pyrochlores. <i>Journal of Alloys and Compounds</i> , 2017, 723, 327-332. | 5.5 | 2 |
| 112 | Viability Study of a Safe Method for Health to Prepare Cement Pastes with Simultaneous Nanometric Functional Additions. <i>Advances in Materials Science and Engineering</i> , 2018, 2018, 1-13. | 1.8 | 2 |
| 113 | Estudio de las condiciones de procesamiento de $Bi_{0.5}(Na_{0.8}K_{0.2})_{0.5}TiO_3$. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , 2014, 53, 27-31. | 1.9 | 2 |
| 114 | Tape Casting of Graphite Material: A New Electrochemical Sensor. <i>Electroanalysis</i> , 2006, 18, 1614-1619. | 2.9 | 1 |
| 115 | XANES experimental evidence of double exchange in ferromagnetic $MnZnO$. <i>Advances in Applied Ceramics</i> , 2009, 108, 263-266. | 1.1 | 0 |
| 116 | Influence of MoO_3 on electrical and microstructural properties of $(K_{0.44}Na_{0.52}Li_{0.04})(Nb_{0.86}Ta_{0.10})O_3$, 2012, , . | | |
| 117 | Local disorder and structure relation induced by magnetic exchange interactions in $A_2(Mo_{1-y}Mny)2O_7$ pyrochlores. <i>Journal of Alloys and Compounds</i> , 2021, 865, 158958. | 5.5 | 0 |