

# Fernando Rubio-Marcos

## List of Publications by Citations

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116  
papers

3,021  
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31  
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49  
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123  
ext. papers

3,474  
ext. citations

5.6  
avg, IF

5.36  
L-index

#	Paper	IF	Citations
116	Sintering and properties of lead-free (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> ceramics. <i>Journal of the European Ceramic Society</i> , <b>2007</b> , 27, 4125-4129	6	165
115	Long lasting phosphors: SrAl <sub>2</sub> O <sub>4</sub> :Eu, Dy as the most studied material. <i>Renewable and Sustainable Energy Reviews</i> , <b>2018</b> , 81, 2759-2770	16.2	115
114	Effect of ZnO on the structure, microstructure and electrical properties of KNN-modified piezoceramics. <i>Journal of the European Ceramic Society</i> , <b>2009</b> , 29, 3045-3052	6	113
113	Lead-Free Piezoceramics: Revealing the Role of the Rhombohedral-Tetragonal Phase Coexistence in Enhancement of the Piezoelectric Properties. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2015</b> , 7, 23080-8	9.5	104
112	Novel hierarchical Co <sub>3</sub> O <sub>4</sub> /ZnO mixtures by dry nanodispersion and their catalytic application in the carbonylation of glycerol. <i>Journal of Catalysis</i> , <b>2010</b> , 275, 288-293	7.3	104
111	Ferroelectric domain wall motion induced by polarized light. <i>Nature Communications</i> , <b>2015</b> , 6, 6594	17.4	95
110	High spatial resolution structure of (K,Na)NbO <sub>3</sub> lead-free ferroelectric domains. <i>Journal of Materials Chemistry</i> , <b>2012</b> , 22, 9714		89
109	Feasible integration in asphalt of piezoelectric cymbals for vibration energy harvesting. <i>Energy Conversion and Management</i> , <b>2016</b> , 112, 246-253	10.6	86
108	Correlation between the piezoelectric properties and the structure of lead-free KNN-modified ceramics, studied by Raman Spectroscopy. <i>Journal of Raman Spectroscopy</i> , <b>2011</b> , 42, 639-643	2.3	75
107	High Strain in (K,Na)NbO <sub>3</sub> -Based Lead-Free Piezoelectric Fibers. <i>Chemistry of Materials</i> , <b>2014</b> , 26, 3838-3848	9.8	72
106	Role of sintering time, crystalline phases and symmetry in the piezoelectric properties of lead-free KNN-modified ceramics. <i>Materials Chemistry and Physics</i> , <b>2010</b> , 123, 91-97	4.4	69
105	Evolution of the intergranular phase during sintering of CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> ceramics. <i>Journal of the European Ceramic Society</i> , <b>2010</b> , 30, 737-742	6	68
104	Effects of Poling Process on KNN-Modified Piezoceramic Properties. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 318-321	3.8	64
103	Properties related phase evolution in porcelain ceramics. <i>Journal of the European Ceramic Society</i> , <b>2007</b> , 27, 4065-4069	6	61
102	Effect of stoichiometry and milling processes in the synthesis and the piezoelectric properties of modified KNN nanoparticles by solid state reaction. <i>Journal of the European Ceramic Society</i> , <b>2010</b> , 30, 2763-2771	6	60
101	Understanding the piezoelectric properties in potassium-sodium niobate-based lead-free piezoceramics: Interrelationship between intrinsic and extrinsic factors. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3501-3509	6	59
100	Ferroelectric domain structure of lead-free potassium-sodium niobate ceramics. <i>Journal of the European Ceramic Society</i> , <b>2011</b> , 31, 1861-1864	6	58

99	Reversible optical control of macroscopic polarization in ferroelectrics. <i>Nature Photonics</i> , <b>2018</b> , 12, 29-32	3.9	57
98	Original Synthetic Route To Obtain a SrAl <sub>2</sub> O <sub>4</sub> Phosphor by the Molten Salt Method: Insights into the Reaction Mechanism and Enhancement of the Persistent Luminescence. <i>Inorganic Chemistry</i> , <b>2015</b> , 54, 9896-907	5.1	46
97	Effect of MnO doping on the structure, microstructure and electrical properties of the (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> lead-free piezoceramics. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 8804-8811	5.7	40
96	Structure, microstructure and electrical properties of Cu <sup>2+</sup> doped (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> piezoelectric ceramics. <i>Ceramics International</i> , <b>2013</b> , 39, 4139-4149	5.1	39
95	New concepts for process intensification in the conversion of glycerol carbonate to glycidol. <i>Applied Catalysis B: Environmental</i> , <b>2013</b> , 129, 575-579	21.8	39
94	Extrinsic contribution and non-linear response in lead-free KNN-modified piezoceramics. <i>Journal Physics D: Applied Physics</i> , <b>2009</b> , 42, 025402	3	39
93	Structural, microstructural and electrical properties evolution of (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> lead-free piezoceramics through NiO doping. <i>Journal of the European Ceramic Society</i> , <b>2011</b> , 31, 2309-2317	6	37
92	Insights into the room temperature magnetism of ZnO//Co <sub>3</sub> O <sub>4</sub> mixtures. <i>Journal of Applied Physics</i> , <b>2008</b> , 103, 083905	2.5	37
91	Energy Product Enhancement in Imperfectly Exchange-Coupled Nanocomposite Magnets. <i>Advanced Electronic Materials</i> , <b>2016</b> , 2, 1500365	6.4	37
90	Piezoceramics properties as a function of the structure in the system (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> . <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2009</b> , 56, 1835-42	3.2	36
89	Revealing the role of cationic displacement in potassium//sodium niobate lead-free piezoceramics by adding W <sup>6+</sup> ions. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 4168-4178	7.1	35
88	Sintering behaviour of nanostructured glass-ceramic glazes. <i>Ceramics International</i> , <b>2010</b> , 36, 1845-1850	5.1	35
87	Monitoring the catalytic synthesis of glycerol carbonate by real-time attenuated total reflection FTIR spectroscopy. <i>Applied Catalysis A: General</i> , <b>2011</b> , 409-410, 106-112	5.1	32
86	A Solid-State Electrochemical Reaction as the Origin of Magnetism at Oxide Nanoparticle Interfaces. <i>Journal of the Electrochemical Society</i> , <b>2010</b> , 157, E31	3.9	32
85	Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics. <i>Journal of the European Ceramic Society</i> , <b>2015</b> , 35, 4017-4021	6	31
84	Designing nanostructured strontium aluminate particles with high luminescence properties. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1268-1276	7.1	30
83	Nanostructured ZnO/sepiolite monolithic sorbents for H <sub>2</sub> S removal. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 1306-1316	13	29
82	Exploring different sintering atmospheres to reduce nonlinear response of modified KNN piezoceramics. <i>Journal of the European Ceramic Society</i> , <b>2013</b> , 33, 825-831	6	29

81	A low-energy milling approach to reduce particle size maintains the luminescence of strontium aluminates. <i>RSC Advances</i> , <b>2015</b> , 5, 42559-42567	3-7	27
80	The impact of the synthesis conditions on SrAl <sub>2</sub> O <sub>4</sub> :Eu, Dy formation for a persistent afterglow. <i>Materials and Design</i> , <b>2016</b> , 108, 354-363	8-1	27
79	Some clues about the interphase reaction between ZnO and MnO <sub>2</sub> oxides. <i>Journal of Solid State Chemistry</i> , <b>2009</b> , 182, 1211-1216	3-3	26
78	Effect of the temperature on the synthesis of (K,Na)NbO <sub>3</sub> -modified nanoparticles by a solid state reaction route. <i>Journal of Nanoparticle Research</i> , <b>2010</b> , 12, 2495-2502	2-3	26
77	ZnO Nanoporous Spheres with Broad-Spectrum Antimicrobial Activity by Physicochemical Interactions. <i>ACS Applied Nano Materials</i> , <b>2018</b> , 1, 3214-3225	5-6	25
76	On the origin of remanence enhancement in exchange-uncoupled CoFe <sub>2</sub> O <sub>4</sub> -based composites. <i>Applied Physics Letters</i> , <b>2014</b> , 105, 202405	3-4	25
75	Modification of optical properties in ZnO particles by surface deposition and anchoring of NiO nanoparticles. <i>Journal of Alloys and Compounds</i> , <b>2011</b> , 509, 2891-2896	5-7	23
74	Extensive domain wall contribution to strain in a (K,Na)NbO <sub>3</sub> -based lead-free piezoceramics quantified from high energy X-ray diffraction. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 2489-2494	6	23
73	Electric field effect on the microstructure and properties of Ba <sub>0.9</sub> Ca <sub>0.1</sub> Ti <sub>0.9</sub> Zr <sub>0.1</sub> O <sub>3</sub> (BCTZ) lead-free ceramics. <i>Journal of Materials Chemistry A</i> , <b>2018</b> , 6, 5419-5429	13	21
72	Template-Assisted Wet-Combustion Synthesis of Fibrous Nickel-Based Catalyst for Carbon Dioxide Methanation and Methane Steam Reforming. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 43553-43562	9-5	21
71	Mechanism of Ni <sub>1-x</sub> Zn <sub>x</sub> O Formation by Thermal Treatments on NiO Nanoparticles Dispersed over ZnO. <i>Journal of Physical Chemistry C</i> , <b>2011</b> , 115, 13577-13583	3-8	21
70	Intermediate phases formation during the synthesis of Bi <sub>4</sub> Ti <sub>3</sub> O <sub>12</sub> by solid state reaction. <i>Ceramics International</i> , <b>2010</b> , 36, 1319-1325	5-1	21
69	Extrinsic response enhancement at the polymorphic phase boundary in piezoelectric materials. <i>Applied Physics Letters</i> , <b>2016</b> , 108, 142901	3-4	21
68	Control of the Interphases Formation Degree in Co <sub>3</sub> O <sub>4</sub> /ZnO Catalysts. <i>ChemCatChem</i> , <b>2013</b> , 5, 1431-1440	4-2	20
67	Resolution of the ferroelectric domains structure in (K,Na)NbO <sub>3</sub> -based lead-free ceramics by confocal Raman microscopy. <i>Journal of Applied Physics</i> , <b>2013</b> , 113, 187215	2-5	20
66	Experimental evidence of charged domain walls in lead-free ferroelectric ceramics: light-driven nanodomain switching. <i>Nanoscale</i> , <b>2018</b> , 10, 705-715	7-7	20
65	Effect of lanthanide doping on structural, microstructural and functional properties of K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> lead-free piezoceramics. <i>Ceramics International</i> , <b>2016</b> , 42, 17530-17538	5-1	18
64	Control of the Crystalline Structure and Piezoelectric Properties of (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> Ceramics through Transition Metal Oxide Doping. <i>Applied Physics Express</i> , <b>2011</b> , 4, 101501	2-4	18

63	High chemical stability of stoneware tiles containing waste metals. <i>Journal of the European Ceramic Society</i> , <b>2010</b> , 30, 2997-3004	6	18
62	Precise Tuning of the Nanostructured Surface leading to the Luminescence Enhancement in SrAlO Based Core/Shell Structure. <i>Scientific Reports</i> , <b>2017</b> , 7, 462	4.9	17
61	Light-Induced Capacitance Tunability in Ferroelectric Crystals. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2018</b> , 10, 21804-21807	9.5	17
60	Effect of Processing on the Sintering of High Dielectric constant CaCu <sub>3</sub> Ti <sub>4</sub> O <sub>12</sub> Ceramics. <i>International Journal of Applied Ceramic Technology</i> , <b>2011</b> , 8, 1201-1207	2	17
59	Evolution of structural and electrical properties of (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> lead-free piezoceramics through CoO doping. <i>Solid State Communications</i> , <b>2011</b> , 151, 1463-1466	1.6	17
58	New insights into the properties of K <sub>x</sub> Na <sub>(1-x)</sub> NbO <sub>3</sub> ceramics obtained by hydrothermal synthesis. <i>Ceramics International</i> , <b>2014</b> , 40, 14701-14712	5.1	16
57	Self-Forming 3D Core-Shell Ceramic Nanostructures for Halogen-Free Flame Retardant Materials. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 9462-71	9.5	15
56	Influence of B-site compositional homogeneity on properties of (K <sub>0.44</sub> Na <sub>0.52</sub> Li <sub>0.04</sub> )(Nb <sub>0.86</sub> Ta <sub>0.10</sub> Sb <sub>0.04</sub> )O <sub>3</sub> -based piezoelectric ceramics. <i>Journal of the European Ceramic Society</i> , <b>2014</b> , 34, 2249-2257	6	15
55	In situ formation of Mn-doped ZnO aligned structures by rapid heating method. <i>Materials Letters</i> , <b>2009</b> , 63, 212-214	3.3	15
54	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> , <b>2007</b> , 27, 3887-3891	6	15
53	Exploring new methodologies for the identification of the morphotropic phase boundary region in the (BiNa)TiO <sub>3</sub> -BaTiO <sub>3</sub> lead free piezoceramics: Confocal Raman Microscopy. <i>Journal of Alloys and Compounds</i> , <b>2018</b> , 739, 799-805	5.7	14
52	Influences of secondary phases on ferroelectric properties of Bi(Na,K)TiO <sub>3</sub> ceramics. <i>Ceramics International</i> , <b>2015</b> , 41, 5380-5386	5.1	14
51	Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3713-3719	6	13
50	Characterization of Carbon Nanoparticles in Thin-Film Nanocomposites by Confocal Raman Microscopy. <i>Journal of Physical Chemistry C</i> , <b>2014</b> , 118, 10488-10494	3.8	13
49	The fight against multidrug-resistant organisms: The role of ZnO crystalline defects. <i>Materials Science and Engineering C</i> , <b>2019</b> , 99, 575-581	8.3	12
48	Exploring New Mechanisms for Effective Antimicrobial Materials: Electric Contact-Killing Based on Multiple Schottky Barriers. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2017</b> , 9, 26219-26225	9.5	12
47	Mechanical Properties and Dimensional Effects of ZnO- and SnO <sub>2</sub> -Based Varistors. <i>Journal of the American Ceramic Society</i> , <b>2008</b> , 91, 3105-3108	3.8	12
46	Functionalization of gamma-alumina nanofibers by alpha-alumina via solution combustion synthesis. <i>Ceramics International</i> , <b>2014</b> , 40, 12603-12607	5.1	11

45	Insights into the dielectric and luminescent properties of Na(0.5)Pr(0.003)Bi(0.497-x)La(x)TiO <sub>3</sub> synthesized by the Pechini method. <i>Dalton Transactions</i> , <b>2013</b> , 42, 6879-85	4.3	11
44	Tuning of Active Sites in Ni <sup>2+</sup> Nb <sup>2+</sup> O Catalysts for the Direct Conversion of Ethane to Acetonitrile or Ethylene. <i>ChemCatChem</i> , <b>2011</b> , 3, 1637-1645	5.2	11
43	Photo-Controlled Ferroelectric-Based Nanoactuators. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 13921-13926	9.5	10
42	Polymorphic phase boundary in piezoelectric oxides. <i>Journal of Applied Physics</i> , <b>2020</b> , 127, 131102	2.5	10
41	Towards Blue Long-Lasting Luminescence of Eu/Nd-Doped Calcium-Aluminate Nanostructured Platelets via the Molten Salt Route. <i>Nanomaterials</i> , <b>2019</b> , 9,	5.4	10
40	Evaluation of the performance of a lead-free piezoelectric material for energy harvesting. <i>Smart Materials and Structures</i> , <b>2015</b> , 24, 115011	3.4	10
39	Influence of MoO <sub>3</sub> on electrical and microstructural properties of (K <sub>0.44</sub> Na <sub>0.52</sub> Li <sub>0.04</sub> )(Nb <sub>0.86</sub> Ta <sub>0.10</sub> Sb <sub>0.04</sub> )O <sub>3</sub> . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2013</b> , 24, 3587-3593	2.1	10
38	Nanostructural evolution in mesoporous networks using in situ High-Speed Temperature Scanner. <i>Ceramics International</i> , <b>2018</b> , 44, 12265-12272	5.1	9
37	One more step against nanotoxicity: Hierarchical particles designed to antifungal properties. <i>Materials and Design</i> , <b>2017</b> , 134, 188-195	8.1	9
36	Accelerated disintegration of compostable Ecovio polymer by using ZnO particles as filler. <i>Polymer Degradation and Stability</i> , <b>2021</b> , 185, 109501	4.7	9
35	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> , <b>2019</b> , 39, 1011-1019	6	9
34	Ag-AgO nanostructures on glass substrates by solid-state dewetting: From extended to localized surface plasmons. <i>Journal of Applied Physics</i> , <b>2018</b> , 124, 133103	2.5	9
33	The Benefits of the ZnO/Clay Composite Formation as a Promising Antifungal Coating for Paint Applications. <i>Applied Sciences (Switzerland)</i> , <b>2020</b> , 10, 1322	2.6	8
32	Ferroelectric Properties of Bi <sub>0.5</sub> (Na <sub>0.8</sub> K <sub>0.2</sub> ) <sub>0.5</sub> TiO <sub>3</sub> Ceramics. <i>Advanced Materials Research</i> , <b>2014</b> , 975, 3-8	0.5	8
31	Pt mechanical dispersion on non-porous alumina for soot oxidation. <i>Catalysis Communications</i> , <b>2020</b> , 140, 105999	3.2	7
30	Unveiling the role of the hexagonal polymorph on SrAlO-based phosphors.. <i>RSC Advances</i> , <b>2018</b> , 8, 28918-28927	3.7	7
29	Pt-free CoAl <sub>2</sub> O <sub>4</sub> catalyst for soot combustion with NO <sub>x</sub> /O <sub>2</sub> . <i>Applied Catalysis A: General</i> , <b>2020</b> , 591, 117404	4.0	7
28	Influence of surface modifiers on hydrothermal synthesis of K <sub>x</sub> Na <sub>(1-x)</sub> NbO <sub>3</sub> . <i>Journal of Materials Science: Materials in Electronics</i> , <b>2015</b> , 26, 9402-9408	2.1	6

27	Investigating Raman spectra and density functional theory calculations on SrAl <sub>2</sub> O <sub>4</sub> polymorphs. <i>Journal of Raman Spectroscopy</i> , <b>2019</b> , 50, 91-101	2.3	6
26	Mechanical properties enhancement in potassium-sodium niobate lead-free piezoceramics: the impact of chemical modifications. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2017</b> , 28, 5128-5134	2.1	5
25	Large coincidence lattice on Au/Fe <sub>3</sub> O <sub>4</sub> incommensurate structure for spintronic applications. <i>Applied Surface Science</i> , <b>2015</b> , 355, 698-701	6.7	5
24	Performance and Stability of Wet-Milled CoAl <sub>2</sub> O <sub>4</sub> , Ni/CoAl <sub>2</sub> O <sub>4</sub> , and Pt,Ni/CoAl <sub>2</sub> O <sub>4</sub> for Soot Combustion. <i>Catalysts</i> , <b>2020</b> , 10, 406	4	5
23	Opening a New Gate to Glass Preservative with Long-Lasting Antimicrobial Activity as Replacement of Parabens. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2017</b> , 5, 294-302	8.3	5
22	The impact of microstructure in (K,Na)NbO <sub>3</sub> -based lead-free piezoelectric fibers: From processing to device production for structural health monitoring. <i>Journal of the European Ceramic Society</i> , <b>2016</b> , 36, 2745-2754	6	5
21	Enhancing NIR emission in ZnAl <sub>2</sub> O <sub>4</sub> :Nd,Ce nanofibers by co-doping with Ce and Nd: a promising biomarker material with low cytotoxicity. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 657-670	7.1	5
20	Thermal and microstructural analysis of doped alumina nanofibers. <i>Thermochimica Acta</i> , <b>2015</b> , 602, 43-48.	9	4
19	Correlation between the structure and the piezoelectric properties of lead-free (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> ceramics studied by XRD and Raman spectroscopy. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , <b>2011</b> , 58, 1826-34	3.2	4
18	Effect of fugitive phase addition on porosity evolution and properties of stoneware tiles. <i>Advances in Applied Ceramics</i> , <b>2010</b> , 109, 219-224	2.3	4
17	Boosting phosphorescence efficiency by crystal anisotropy in SrAl <sub>2</sub> O <sub>4</sub> :Eu,Dy textured ceramic layers. <i>Journal of the European Ceramic Society</i> , <b>2020</b> , 40, 1677-1683	6	4
16	Stabilization of the morphotropic phase boundary in (1-x)Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> -xBaTiO <sub>3</sub> ceramics through two alternative synthesis pathways. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2019</b> , 30, 18405-18412	2.1	3
15	Respuesta Ferro-Piezoelectrica de (K,Na,Li)(Nb,Ta,Sb)O <sub>3</sub> Poroso. <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , <b>2014</b> , 53, 48-52	1.9	3
14	Photocontrolled Strain in Polycrystalline Ferroelectrics via Domain Engineering Strategy. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 20858-20864	9.5	3
13	Influence of the BaTiO <sub>3</sub> addition to K <sub>0.5</sub> Na <sub>0.5</sub> NbO <sub>3</sub> lead-free ceramics on the vacancy-like defect structure and dielectric properties. <i>Journal of the European Ceramic Society</i> , <b>2021</b> , 41, 1288-1298	6	3
12	Confocal Raman Microscopy, Synchrotron X-ray Diffraction, and Photoacoustic Study of Ba <sub>0.85</sub> Ca <sub>0.15</sub> Ti <sub>0.90</sub> Zr <sub>0.10</sub> O <sub>3</sub> : Understanding Structural and Microstructural Response to the Electric Field. <i>ACS Applied Electronic Materials</i> , <b>2021</b> , 3, 2966-2976	4	3
11	Confocal Raman Microscopy Can Make a Large Difference: Resolving and Manipulating Ferroelectric Domains for Piezoelectric Engineering. <i>Springer Series in Surface Sciences</i> , <b>2018</b> , 531-556	0.4	2
10	Estudio de las condiciones de procesamiento de Bi <sub>0.5</sub> (Na <sub>0.8</sub> K <sub>0.2</sub> ) <sub>0.5</sub> TiO <sub>3</sub> . <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> , <b>2014</b> , 53, 27-31	1.9	2

9	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> , <b>2018</b> , 2018, 1-13	1.5	2
8	Anomalous local lattice disorder and distortion in $A_2Mo_2O_7$ pyrochlores. <i>Journal of Alloys and Compounds</i> , <b>2017</b> , 723, 327-332	5.7	1
7	Tape Casting of Graphite Material: A New Electrochemical Sensor. <i>Electroanalysis</i> , <b>2006</b> , 18, 1614-1619	3	1
6	Piezoelectric and structural properties of bismuth sodium potassium titanate lead-free ceramics for energy harvesting. <i>Journal of Materials Science: Materials in Electronics</i> , <b>2021</b> , 32, 19117-19125	2.1	1
5	Enhancement of piezoelectric properties stability of submicron-structured piezoceramics obtained by spark plasma sintering. <i>Journal of the European Ceramic Society</i> , <b>2018</b> , 38, 4659-4663	6	1
4	Aluminate-Based Nanostructured Luminescent Materials: Design of Processing and Functional Properties. <i>Materials</i> , <b>2021</b> , 14,	3.5	1
3	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> , <b>2020</b> , 43, 1	1.7	0
2	XANES experimental evidence of double exchange in ferromagnetic $MnZnO$ . <i>Advances in Applied Ceramics</i> , <b>2009</b> , 108, 263-266	2.3	
1	Local disorder and structure relation induced by magnetic exchange interactions in $A_2(Mo_{1-x}Mn_x)_2O_7$ pyrochlores. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 865, 158958	5.7	