

# Dae Su Kim

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

143  
papers

2,665  
citations

30  
h-index

45  
g-index

149  
ext. papers

2,999  
ext. citations

3.8  
avg, IF

4.75  
L-index

#	Paper	IF	Citations
143	Structural and piezoelectric properties of textured NLKNS-CZ thick films and their application in planar piezoactuator. <i>Journal of the American Ceramic Society</i> , <b>2022</b> , 105, 1185	3.8	2
142	Effects of the particle size composition of sintering additives on pore characteristics, flexural strength, and gas permeability of liquid-phase-bonded macroporous SiC. <i>Journal of the Korean Ceramic Society</i> , <b>2021</b> , 58, 737-746	2.2	0
141	Piezoelectricity of (K,Na)(Nb,Sb)O <sub>3</sub> BrZrO <sub>3</sub> (Bi,Ag)ZrO <sub>3</sub> piezoceramics and their application in planar-type actuators. <i>Journal of Materials Chemistry C</i> , <b>2021</b> , 9, 16741-16750	7.1	2
140	Effects of the size distribution of SiC powders on the microstructures and properties of liquid phase bonded porous SiC with neck bonding phases of Y <sub>4</sub> Al <sub>2</sub> O <sub>9</sub> , Y <sub>3</sub> Al <sub>5</sub> O <sub>12</sub> , Y <sub>2</sub> Si <sub>2</sub> O <sub>7</sub> , and Al <sub>2</sub> O <sub>3</sub> . <i>Journal of the Ceramic Society of Japan</i> , <b>2021</b> , 129, 660-668	1	
139	Thermal durability of ytterbium silicate environmental barrier coating prepared by suspension plasma spray. <i>Journal of the Korean Ceramic Society</i> , <b>2021</b> , 58, 192-200	2.2	3
138	Remarkable piezoelectric performance and good thermal stability of-textured 0.96(K <sub>0.5</sub> Na <sub>0.5</sub> )(Nb Sb )O <sub>3</sub> -0.04SrZrO <sub>3</sub> lead-free piezoelectric ceramics. <i>Journal of Alloys and Compounds</i> , <b>2021</b> , 882, 160662	5.7	3
137	Direct Growth of Ferroelectric Oxide Thin Films on Polymers through Laser-Induced Low-Temperature Liquid-Phase Crystallization. <i>Chemistry of Materials</i> , <b>2020</b> , 32, 6483-6493	9.6	4
136	Single-step plasma-induced hierarchical structures for tunable water adhesion. <i>Scientific Reports</i> , <b>2020</b> , 10, 874	4.9	6
135	Highly IR transparent ZnS ceramics sintered by vacuum hot press using hydrothermally produced ZnS nanopowders. <i>Journal of the American Ceramic Society</i> , <b>2020</b> , 103, 2663-2673	3.8	2
134	Subwavelength Hollow-Nanopillared Glass with Gradient Refractive Index for Ultralow Diffuse Reflectance and Antifogging. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2020</b> , 12, 6234-6242	9.5	3
133	Effect of Heating Rate on Bulk Density and Microstructure in Bi <sub>2</sub> Te <sub>2.7</sub> Se <sub>0.3</sub> Sintering. <i>Journal of Electronic Materials</i> , <b>2020</b> , 49, 736-742	1.9	3
132	Piezoelectric Energy Harvesting Design Principles for Materials and Structures: Material Figure-of-Merit and Self-Resonance Tuning. <i>Advanced Materials</i> , <b>2020</b> , 32, e2002208	24	27
131	Thermally stable large strain in low-loss (Na <sub>0.2</sub> K <sub>0.8</sub> )NbO <sub>3</sub> -BaZrO <sub>3</sub> for multilayer actuators. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 6837-6849	3.8	4
130	Thermally stable high strain and piezoelectric characteristics of (Li, Na, K)(Nb, Sb)O <sub>3</sub> -CaZrO <sub>3</sub> ceramics for piezo actuators. <i>Journal of the American Ceramic Society</i> , <b>2019</b> , 102, 6115-6125	3.8	14
129	VO <sub>2</sub> /WO <sub>3</sub> -Based Hybrid Smart Windows with Thermo-chromic and Electrochromic Properties. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 7111-7117	8.3	51
128	Review of Sintering Technologies, Structural Characteristics, and Piezoelectric Properties of NKN-Based Lead-Free Ceramics. <i>Transactions on Electrical and Electronic Materials</i> , <b>2019</b> , 20, 385-402	1.7	7
127	Enhanced Energy Harvesting Using Multilayer Piezoelectric Ceramics. <i>Journal of Electronic Materials</i> , <b>2019</b> , 48, 6964-6971	1.9	4

126	Direct and indirect measurements of the electro-caloric effect in (Bi,Na)TiO <sub>3</sub> -SrTiO <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , <b>2019</b> , 126, 234101	2.5	10
125	Various cubic-based polymorphic phase boundary structures in (1-y)(Na <sub>0.5</sub> K <sub>0.5</sub> )(Nb <sub>1-x</sub> Sb <sub>x</sub> )-yCaTiO <sub>3</sub> ceramics and their piezoelectric properties. <i>Journal of the European Ceramic Society</i> , <b>2019</b> , 39, 973-985	6	12
124	Pseudocubic-based polymorphic phase boundary structures and their effect on the piezoelectric properties of (Li,Na,K)(Nb,Sb)O <sub>3</sub> -SrZrO <sub>3</sub> lead-free ceramics. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 784, 1334-1343	5.7	11
123	Piezoelectric properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )(Nb <sub>1-x</sub> Sb <sub>x</sub> )O <sub>3</sub> -SrTiO <sub>3</sub> ceramics with tetragonal-pseudocubic PPB structure. <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 3997-4010	3.8	12
122	Nanostructured polycarbonate for robust transparency and anti-fogging by control of self-masking metallic clusters. <i>Research on Chemical Intermediates</i> , <b>2018</b> , 44, 4697-4706	2.8	2
121	Carbon nanotube/graphene oxide-added CaO-B <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> glass/Al <sub>2</sub> O <sub>3</sub> composite as substrate for chip-type supercapacitor. <i>Journal of the American Ceramic Society</i> , <b>2018</b> , 101, 3156-3167	3.8	8
120	Relationship between piezoelectric properties of ceramics and output performance of 33-mode piezoelectric energy harvesters. <i>Smart Materials and Structures</i> , <b>2018</b> , 27, 115027	3.4	5
119	Sodium-potassium niobate nanorods with various crystal structures and their application to nanogenerator. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 1673-1681	3.8	8
118	Orthorhombic-pseudocubic phase transition and piezoelectric properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )(Nb <sub>1-x</sub> Sb <sub>x</sub> )-SrZrO <sub>3</sub> ceramics. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 4827-4835	3.8	14
117	Piezoelectric properties of Pb(Zr,Ti)O <sub>3</sub> -Pb(Ni,Nb)O <sub>3</sub> ceramics and their application in energy harvesters. <i>Journal of the European Ceramic Society</i> , <b>2017</b> , 37, 3935-3942	6	27
116	CuO-added KNbO <sub>3</sub> -BaZrO <sub>3</sub> lead-free piezoelectric ceramics with low loss and large electric field-induced strain. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 2948-2957	3.8	3
115	Synthesis of Sr <sub>2</sub> Nb <sub>3</sub> O <sub>10</sub> nanosheets and their application for growth of thin film using an electrophoretic method. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 1098-1107	3.8	8
114	Strength of Materials with the Amount and the Particle Size of Al <sub>2</sub> O <sub>3</sub> on Anorthite System for Low-Temperature Co-Fired Ceramics Substrate. <i>Journal of Nanoscience and Nanotechnology</i> , <b>2017</b> , 17, 3420-3423	1.3	
113	Piezoelectric properties of (Na <sub>1-x</sub> K <sub>x</sub> )NbO <sub>3</sub> -based lead-free piezoelectric ceramics and their application in knocking sensor. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 5367-5373	3.8	8
112	Structural and piezoelectric properties of textured PZT-PZNN piezoelectric ceramics. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 5681-5692	3.8	24
111	Synthesis and dielectric properties of layered-perovskite KCa <sub>2</sub> Nan-3NbnO <sub>3n+1</sub> ceramics. <i>Ceramics International</i> , <b>2017</b> , 43, 15089-15094	5.1	2
110	Flexible Indium-Tin Oxide Crystal on Plastic Substrates Supported by Graphene Monolayer. <i>Scientific Reports</i> , <b>2017</b> , 7, 3131	4.9	18
109	Effect of Li <sub>2</sub> O on the defect polarization in CuO-added (K <sub>0.9</sub> Na <sub>0.1</sub> )NbO <sub>3</sub> piezoelectric ceramics. <i>Journal of the American Ceramic Society</i> , <b>2017</b> , 100, 5193-5201	3.8	

108	High Resolution Transmission Electron Microscopy Observations on Sintering Processes in KNbO <sub>3</sub> Ceramics. <i>Applied Microscopy</i> , <b>2017</b> , 47, 203-207	1.1	1
107	Large Electrostrain in K(Nb <sub>1-x</sub> Mnx)O <sub>3</sub> Lead-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 4031-4038	3.8	14
106	Enhancement of Mechanical Hardness in SnOxNy with a Dense High-Pressure Cubic Phase of SnO <sub>2</sub> . <i>Chemistry of Materials</i> , <b>2016</b> , 28, 7051-7057	9.6	18
105	Structural and Piezoelectric Properties of (Na <sub>1-x</sub> Kx)NbO <sub>3</sub> Platelets and Their Application for Piezoelectric Nanogenerator. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 3476-3484	3.8	6
104	Large Strain in CuO-added (Na <sub>0.2</sub> K <sub>0.8</sub> )NbO <sub>3</sub> Ceramic for Use in Piezoelectric Multilayer Actuators. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 938-945	3.8	15
103	Electrophoretic deposition of Ca <sub>2</sub> Nb <sub>3</sub> O <sub>10</sub> nanosheets synthesized by soft-chemical exfoliation. <i>Journal of Materials Chemistry C</i> , <b>2016</b> , 4, 178-184	7.1	13
102	Water Wetting Observation on a Superhydrophobic Hairy Plant Leaf Using Environmental Scanning Electron Microscopy. <i>Applied Microscopy</i> , <b>2016</b> , 46, 201-205	1.1	1
101	Microstructural and Microwave Dielectric Properties of Bi <sub>12</sub> GeO <sub>20</sub> and Bi <sub>2</sub> O <sub>3</sub> -Deficient Bi <sub>12</sub> GeO <sub>20</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 2361-2367	3.8	8
100	Synthesis of [100]-Oriented (Na <sub>1-x</sub> Kx)NbO <sub>3</sub> Platelets by Using Hydrothermally Produced (K <sub>8x</sub> Na <sub>8x</sub> )Nb <sub>6</sub> O <sub>19</sub> ·H <sub>2</sub> O Precursor. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 796-801	3.8	4
99	Effects of K <sub>2</sub> O Evaporation on the Structural Properties of KSbO <sub>3</sub> Compounds. <i>Journal of the American Ceramic Society</i> , <b>2016</b> , 99, 2229-2232	3.8	6
98	Effect of cooling rate on phase transitions and ferroelectric properties in 0.75BiFeO <sub>3</sub> -0.25BaTiO <sub>3</sub> ceramics. <i>Applied Physics Letters</i> , <b>2016</b> , 109, 202902	3.4	30
97	Superior Additive of Exfoliated RuO <sub>2</sub> Nanosheet for Optimizing the Electrode Performance of Metal Oxide over Graphene. <i>Journal of Physical Chemistry C</i> , <b>2016</b> , 120, 11786-11796	3.8	36
96	Effect of Sn Doping on the Thermoelectric Properties of n-type Bi <sub>2</sub> (Te,Se) <sub>3</sub> Alloys. <i>Journal of Electronic Materials</i> , <b>2015</b> , 44, 1926-1930	1.9	7
95	Low-temperature sintering and microwave dielectric properties of Ca[(Li <sub>1/3</sub> Nb <sub>2/3</sub> ) <sub>0.8</sub> Ti <sub>0.2</sub> ] <sub>3</sub> with glass frit added. <i>Journal of the Korean Physical Society</i> , <b>2015</b> , 66, 1140-1143	0.6	
94	High-Performance (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Thin Film Piezoelectric Energy Harvester. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 119-124	3.8	22
93	Microstructural Characteristics of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Ceramics with Additives: Transmission Electron Microscopy Study. <i>Microscopy and Microanalysis</i> , <b>2015</b> , 21, 305-306	0.5	
92	Structural and Piezoelectric Properties of (1-x)Pb(Zr <sub>1-y</sub> Tiy)O <sub>3</sub> -xPb(Zn <sub>0.4</sub> Ni <sub>0.6</sub> ) <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> Ceramics Near Triple Point. <i>Journal of the American Ceramic Society</i> , <b>2015</b> , 98, 2887-2893	3.8	12
91	Enhanced piezoelectric properties of vertically aligned single-crystalline NKN nano-rod arrays. <i>Scientific Reports</i> , <b>2015</b> , 5, 10151	4.9	17

90	Energy harvesting characteristics of unimorph cantilever generator using 0.69Pb(Zr <sub>0.47</sub> Ti <sub>0.53</sub> )O <sub>3</sub> -0.31Pb(Ni <sub>0.6</sub> Zn <sub>0.4</sub> ) <sub>1/3</sub> Nb <sub>2/3</sub> O <sub>3</sub> + 0.5 mol% CuO (PZCN) thick films under various sintering conditions. <i>Journal of Electroceramics</i> , <b>2015</b> , 34, 109-113	1.5	4
89	Independent chemical/physical role of combustive exothermic heat in solution-processed metal oxide semiconductors for thin-film transistors. <i>Journal of Materials Chemistry C</i> , <b>2015</b> , 3, 1457-1462	7.1	20
88	Hydrothermal Synthesis of BaTiO <sub>3</sub> Nanopowders Using TiO <sub>2</sub> Nanoparticles. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 346-349	3.8	14
87	Polymeric mold soft-patterned metal oxide field-effect transistors: critical factors determining device performance. <i>Journal of Materials Chemistry C</i> , <b>2014</b> , 2, 8486-8491	7.1	5
86	Piezoelectric nanogenerators synthesized using KNbO <sub>3</sub> nanowires with various crystal structures. <i>Journal of Materials Chemistry A</i> , <b>2014</b> , 2, 18547-18553	13	37
85	Superhydrophobic and antireflective nanoglass-coated glass for high performance solar cells. <i>Nano Research</i> , <b>2014</b> , 7, 670-678	10	52
84	Low-Temperature Sintering and Piezoelectric Properties of CuO-Added KNbO <sub>3</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 3897-3903	3.8	15
83	Piezoelectric Ceramics for Use in Multilayer Actuators and Energy Harvesters. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 3157-3163	3.8	11
82	Sintering Process and Microwave Dielectric Properties of Bi <sub>8</sub> TiO <sub>14</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 2491-2495	3.8	3
81	Electrical Properties of a 0.95(Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> 0.05CaTiO <sub>3</sub> Thin Film Grown on a Pt/Ti/SiO <sub>2</sub> /Si Substrate. <i>Journal of the American Ceramic Society</i> , <b>2014</b> , 97, 2892-2896	3.8	6
80	Electric field assembled anisotropic alumina composite for thermal dissipation applications. <i>Journal of Composite Materials</i> , <b>2014</b> , 48, 201-208	2.7	8
79	Microstructures and Microwave Dielectric Properties of Bi <sub>2</sub> O <sub>3</sub> -Deficient Bi <sub>12</sub> SiO <sub>20</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 2225-2229	3.8	9
78	Role of Alumina Buffer Layer on the Dielectric and Piezoelectric Properties of PZT System Thick Films. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 491-495	3.8	
77	Dielectric and piezoelectric properties of ceramic-polymer composites with 0B connectivity type. <i>Journal of Electroceramics</i> , <b>2013</b> , 30, 30-35	1.5	30
76	High energy-density 0.72Pb(Zr <sub>0.47</sub> Ti <sub>0.53</sub> )O <sub>3</sub> -0.28Pb[(Zn <sub>0.45</sub> Ni <sub>0.55</sub> ) <sub>1/3</sub> Nb <sub>2/3</sub> ]O <sub>3</sub> thick films fabricated by tape casting for energy-harvesting-device applications. <i>Journal of the Korean Physical Society</i> , <b>2013</b> , 63, 1772-1776	0.6	3
75	TEM Observations on 0.65Pb(Zr <sub>0.42</sub> Ti <sub>0.58</sub> )O <sub>3</sub> -0.35Pb(Ni <sub>0.33</sub> Nb <sub>0.67</sub> )O <sub>3</sub> Ceramics with CuO Additive. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 312-317	3.8	9
74	Piezoelectric Properties of Lead-free Piezoelectric Ceramics and Their Energy Harvester Characteristics. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 1024-1028	3.8	26
73	Electrical Properties of Amorphous BaTi <sub>4</sub> O <sub>9</sub> Films Grown on Cu/Ti/SiO <sub>2</sub> /Si Substrates Using RF Magnetron Sputtering. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 1248-1252	3.8	2

72	Sintering Mechanism and Microwave Dielectric Properties of Bi <sub>12</sub> TiO <sub>20</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2013</b> , 96, 3742-3746	3.8	12
71	Effect of Bi <sub>2</sub> O <sub>3</sub> Doping on the Sintering Temperature and Microwave Dielectric Properties of LiAlSiO <sub>4</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2012</b> , 95, 1811-1813	3.8	14
70	Electric Field Assembled Anisotropic Dielectric Layer for Metal Core Printed Circuit Boards. <i>IEEE Electron Device Letters</i> , <b>2012</b> , 33, 1607-1609	4.4	1
69	Molten salt synthesis of La <sub>0.8</sub> Sr <sub>0.2</sub> MnO <sub>3</sub> powders for SOFC cathode electrode. <i>Metals and Materials International</i> , <b>2012</b> , 18, 723-726	2.4	1
68	Large in-plane permittivity of Ba <sub>0.6</sub> Sr <sub>0.4</sub> TiO <sub>3</sub> thin films crystallized using excimer laser annealing at 300 °C. <i>Applied Physics Letters</i> , <b>2012</b> , 101, 242910	3.4	8
67	Ceramic-metal package for high power LED lighting. <i>Frontiers of Optoelectronics</i> , <b>2012</b> , 5, 133-137	2.8	1
66	The changes of morphology and composition in Cu(In <sub>1-x</sub> Ga <sub>x</sub> )Se <sub>2</sub> powder synthesis by solvothermal method. <i>Metals and Materials International</i> , <b>2012</b> , 18, 197-199	2.4	1
65	Structural variation of hydrothermally synthesized KNbO <sub>3</sub> nanowires. <i>Journal of Applied Physics</i> , <b>2012</b> , 111, 114314	2.5	6
64	Low-Temperature Sintering and Piezoelectric Properties of 0.65Pb(Zr <sub>1-x</sub> Ti <sub>x</sub> )O <sub>3</sub> -0.35Pb(Ni <sub>0.33</sub> Nb <sub>0.67</sub> )O <sub>3</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2011</b> , 94, 3442-3448	3.8	37
63	Growth Behavior and Electrical Properties of a (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Thin Film Deposited on a Pt/Ti/SiO <sub>2</sub> /Si Substrate Using RF Magnetron Sputtering. <i>Journal of the American Ceramic Society</i> , <b>2011</b> , 94, 1970-1973	3.8	22
62	Low Temperature Sintering and Microwave Dielectric Properties of B <sub>2</sub> O <sub>3</sub> -added LiAlSiO <sub>4</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2011</b> , 94, 1995-1998	3.8	42
61	High Energy Density Piezoelectric Ceramics for Energy Harvesting Devices. <i>Journal of the American Ceramic Society</i> , <b>2011</b> , 94, 3629-3631	3.8	40
60	Effect of the structural properties on the energy density of Pb(Zr <sub>0.47</sub> Ti <sub>0.53</sub> )O <sub>3</sub> -Pb[(Ni <sub>0.6</sub> Zn <sub>0.4</sub> ) <sub>1/3</sub> Nb <sub>2/3</sub> ]O <sub>3</sub> ceramics. <i>Journal of Applied Physics</i> , <b>2011</b> , 110, 084111	2.5	17
59	High-temperature thermoelectric properties of nanostructured Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> thin films. <i>Applied Physics Letters</i> , <b>2011</b> , 98, 142102	3.4	33
58	Low-Temperature Sintering and Piezoelectric Properties of (Na <sub>0.5</sub> K <sub>0.5</sub> )NbO <sub>3</sub> Lead-Free Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 36-39	3.8	36
57	Low-Temperature Sintering and Microwave Dielectric Properties of the Li <sub>2</sub> CO <sub>3</sub> -Added Ba <sub>2</sub> V <sub>2</sub> O <sub>7</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 934-936	3.8	17
56	Microstructure and Microwave Dielectric Properties of the Li <sub>2</sub> CO <sub>3</sub> -Added Sr <sub>2</sub> V <sub>2</sub> O <sub>7</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 2132-2135	3.8	8
55	Effect of MnO <sub>2</sub> on the Piezoelectric Properties of the 0.75Pb(Zr <sub>0.47</sub> Ti <sub>0.53</sub> )O <sub>3</sub> -0.25Pb(Zn <sub>1/3</sub> Nb <sub>2/3</sub> )O <sub>3</sub> Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2010</b> , 93, 2537-2540	3.8	54

54	Synthesis of ZnxCd1-xSe (0 ≤ x ≤ 1) alloyed nanowires for variable-wavelength photodetectors. <i>Journal of Materials Chemistry</i> , <b>2010</b> , 20, 2386		54
53	A generalized rule for large piezoelectric response in perovskite oxide ceramics and its application for design of lead-free compositions. <i>Journal of Applied Physics</i> , <b>2009</b> , 105, 114108	2.5	28
52	Structural and Electrical Properties of Mn-Doped $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ Thin Film Grown on $\text{TiN}/\text{SiO}_2/\text{Si}$ Substrate for RF MIM Capacitors. <i>IEEE Transactions on Electron Devices</i> , <b>2009</b> , 56, 1631-1636	2.9	0
51	Microstructure and luminescent properties of $\text{Eu}_2\text{W}_2\text{O}_9$ phosphors. <i>Journal of Electroceramics</i> , <b>2009</b> , 22, 98-104	1.5	7
50	Formation and Microwave Dielectric Properties of the $\text{Mg}_2\text{V}_2\text{O}_7$ Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 1621-1624	3.8	36
49	Sintering Behavior of Lead-Free (K,Na)NbO <sub>3</sub> -Based Piezoelectric Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 2033-2038	3.8	73
48	Effect of $\text{Li}_2\text{CO}_3$ Addition on the Sintering Temperature and Microwave Dielectric Properties of $\text{Mg}_2\text{V}_2\text{O}_7$ Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 2151-2154	3.8	15
47	Formation Process and Microwave Dielectric Properties of the $\text{R}_2\text{V}_2\text{O}_7$ (R=Ba, Sr, and Ca) Ceramics. <i>Journal of the American Ceramic Society</i> , <b>2009</b> , 92, 3092-3094	3.8	69
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11	P-28: Flat Lamp Packaging Using Carbon-Nitrogen Nanofibers Obtained by Hot Isostatic Pressure. <i>Digest of Technical Papers SID International Symposium</i> , <b>2003</b> , 34, 304	0.5	
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