Sahn Nahm

List of Publications by Citations

116 papers	3,055 citations	29 h-index	51 g-index
125 ext. papers	3,536 ext. citations	5.6 avg, IF	5.05 L-index

#	Paper	IF	Citations
116	Microstructure and piezoelectric properties of 0.95(Na0.5K0.5)NbO3–0.05BaTiO3 ceramics. *Applied Physics Letters*, **2006**, 89, 062906	3.4	210
115	Microstructure and Piezoelectric Properties of ZnO-added (Na0.5K0.5)NbO3Ceramics. *Japanese Journal of Applied Physics*, **2004**, 43, L1072-L1074	1.4	192
114	Low-Temperature Sintering and Microwave Dielectric Properties of Zinc Metatitanate-Rutile Mixtures Using Boron. *Journal of the American Ceramic Society*, **2004**, 82, 3043-3048	3.8	177
113	Low-Fired (Zn,Mg)TiO3 Microwave Dielectrics. *Journal of the American Ceramic Society*, **2004**, 82, 3476-3480	3.8	155
112	Effect of CuO on the Sintering Temperature and Piezoelectric Properties of (Na0.5K0.5)NbO3 Lead-Free Piezoelectric Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 2374-2377	3.8	126
111	Microstructure and piezoelectric properties of lead-free (1−x)(Na0.5K0.5)NbO3-xCaTiO3 ceramics. *Journal of Applied Physics*, **2007**, 102, 124101	2.5	96
110	Microstructure and Piezoelectric Properties of (1−x)(Na0.5K0.5)NbO3–xLiNbO3 Ceramics. *Journal of the American Ceramic Society*, **2007**, 90, 1812-1816	3.8	94
109	Effect of MnO2on the Piezoelectric Properties of (1-x)(Na0.5K0.5)NbO3-xBaTiO3Ceramics. *Japanese Journal of Applied Physics*, **2005**, 44, L1361-L1364	1.4	85
108	Effect of ZnO and CuO on the Sintering Temperature and Piezoelectric Properties of a Hard Piezoelectric Ceramic. *Journal of the American Ceramic Society*, **2006**, 89, 921-925	3.8	82
107	Sintering Behavior of Lead-Free (K,Na)NbO3-BasedPiezoelectric Ceramics. *Journal of the American Ceramic Society*, **2009**, 92, 2033-2038	3.8	73
106	Microstructure and piezoelectric properties of the CuO-added (Na0.5K0.5)(Nb0.97Sb0.03)O3 lead-free piezoelectric ceramics. *Journal of Applied Physics*, **2008**, 104, 034103	2.5	67
105	Microstructure and Piezoelectric Properties of 0.95(Na0.5K0.5)NbO3–0.05SrTiO3 Ceramics. *Journal of the American Ceramic Society*, **2007**, 90, 1946-1949	3.8	62
104	Effect of CuO on the sintering temperature and piezoelectric properties of lead-free 0.95(Na0.5K0.5)NbO3–0.05CaTiO3 ceramics. *Materials Research Bulletin*, **2008**, 43, 3580-3586	5.1	60
103	Correlation between Phase Transitions and Piezoelectric Properties in Lead-Free (K,Na,Li)NbO3–BaTiO3Ceramics. *Japanese Journal of Applied Physics*, **2008**, 47, 8880-8883	1.4	57
102	Effect of MnO2 on the Piezoelectric Properties of the 0.75Pb(Zr0.47Ti0.53)O3–0.25Pb(Zn1/3Nb2/3)O3 Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 2537-2540	3.8	54
101	VO2/WO3-Based Hybrid Smart Windows with Thermochromic and Electrochromic Properties. *ACS Sustainable Chemistry and Engineering*, **2019**, 7, 7111-7117	8.3	51
100	Low temperature sintering of ZnO and MnO2-added (Na0.5K0.5)NbO3 ceramics. *Journal of the European Ceramic Society*, **2012**, 32, 2381-2387	6	48

99	Synaptic Plasticity and Metaplasticity of Biological Synapse Realized in a KNbO Memristor for Application to Artificial Synapse. *ACS Applied Materials & Interfaces*, **2018**, 10, 25673-25682	9.5	45
98	Nanogenerator-induced synaptic plasticity and metaplasticity of bio-realistic artificial synapses. *NPG Asia Materials*, **2017**, 9, e381-e381	10.3	43
97	Low Temperature Sintering and Microwave Dielectric Properties of B2O3-added LiAlSiO4 Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 1995-1998	3.8	42
96	Resistive Switching Memory Integrated with Nanogenerator for Self-Powered Bioimplantable Devices. *Advanced Functional Materials*, **2016**, 26, 5211-5221	15.6	38
95	Low-Temperature Sintering and Piezoelectric Properties of 0.65Pb(Zr1−xTix)O3−0.35Pb(Ni0.33Nb0.67)O3 Ceramics. *Journal of the American Ceramic Society*, **2011**, 94, 3442-3448	3.8	37
94	Dielectric and piezoelectric properties of (1 − x)(Na0.5K0.5)NbO3–xBaTiO3 ceramics. *Journal of Materials Science*, **2008**, 43, 6784-6797	4.3	35
93	Relation between piezoelectric properties of ceramics and output power density of energy harvester. *Journal of the European Ceramic Society*, **2013**, 33, 1343-1347	6	33
92	Low-Temperature Sintering and Microwave Dielectric Properties of the Zn2SiO4 Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 671-674	3.8	33
91	Effect of CuO on the Sintering and Piezoelectric Properties of 0.95(Na0.5K0.5)NbO3–0.05SrTiO3 Lead-Free Piezoelectric Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 3955-3960	3.8	32
90	Multilayer piezoelectric haptic actuator with CuO-modified PZT-PZNN ceramics. *Sensors and Actuators A: Physical*, **2016**, 238, 71-79	3.9	30
89	Low-Temperature Sintering and Piezoelectric Properties of ZnO-Added 0.41Pb(Ni1/3Nb2/3)O3–0.36PbTiO3–0.23PbZrO3Ceramics. *Japanese Journal of Applied Physics*, **2003**, 42, 5676-5680	1.4	30
88	Enhanced energy transfer and conversion for high performance phononic crystal-assisted elastic wave energy harvesting. *Nano Energy*, **2020**, 78, 105226	17.1	30
87	A generalized rule for large piezoelectric response in perovskite oxide ceramics and its application for design of lead-free compositions. *Journal of Applied Physics*, **2009**, 105, 114108	2.5	28
86	Relation between structure and piezoelectric properties of (1-x-y)PbZrO3-xPbTiO3-yPb(Ni1/3Nb2/3)O3 ceramics near triple point composition. *Journal of the European Ceramic Society*, **2016**, 36, 4049-4057	6	28
85	Piezoelectric properties of Pb(Zr,Ti)O3-Pb(Ni,Nb)O3 ceramics and their application in energy harvesters. *Journal of the European Ceramic Society*, **2017**, 37, 3935-3942	6	27
84	Piezoelectric Energy Harvesting Design Principles for Materials and Structures: Material Figure-of-Merit and Self-Resonance Tuning. *Advanced Materials*, **2020**, 32, e2002208	24	27
83	Effects of annealing atmosphere on the structural and electrical properties of (Na0.5K0.5)NbO3 thin films grown by RF magnetron sputtering. *Acta Materialia*, **2012**, 60, 3107-3112	8.4	26
82	Structural dependence of the piezoelectric properties of KNbO3 nanowires synthesized by the hydrothermal method. *Acta Materialia*, **2013**, 61, 3703-3708	8.4	24

81	Structural and piezoelectric properties of textured PZT-PZNN piezoelectric ceramics. *Journal of the American Ceramic Society*, **2017**, 100, 5681-5692	3.8	24
80	Highly Sensitive and Selective PbTiO Gas Sensors with Negligible Humidity Interference in Ambient Atmosphere. *ACS Applied Materials & Interfaces*, **2019**, 11, 5240-5246	9.5	24
79	Investigation of all-solid-state electrochromic devices with durability enhanced tungsten-doped nickel oxide as a counter electrode. *Journal of Alloys and Compounds*, **2020**, 815, 152399	5.7	24
78	High-Performance (Na0.5K0.5)NbO3 Thin Film Piezoelectric Energy Harvester. *Journal of the American Ceramic Society*, **2015**, 98, 119-124	3.8	22
77	Growth Behavior and Electrical Properties of a (Na0.5K0.5)NbO3Thin Film Deposited on a Pt/Ti/SiO2/Si Substrate Using RFMagnetron Sputtering. *Journal of the American Ceramic Society*, **2011**, 94, 1970-1973	3.8	22
76	Low-Temperature Sintering and Microwave Dielectric Properties of V2O5-Added Zn2SiO4 Ceramics. *Journal of the American Ceramic Society*, **2008**, 91, 4133-4136	3.8	22
75	Synthesis and microwave dielectric properties of Bi 2 Ge 3 O 9 ceramics for application as advanced ceramic substrate. *Journal of the European Ceramic Society*, **2017**, 37, 605-610	6	21
74	Influence of sintering conditions on piezoelectric properties of KNbO3 ceramics. *Journal of the European Ceramic Society*, **2014**, 34, 4193-4200	6	20
73	Microstructural and optical properties of the ZnS ceramics sintered by vacuum hot-pressing using hydrothermally synthesized ZnS powders. *Journal of the European Ceramic Society*, **2018**, 38, 4237-4244	6	19
72	Flexible Indium-Tin Oxide Crystal on Plastic Substrates Supported by Graphene Monolayer. *Scientific Reports*, **2017**, 7, 3131	4.9	18
71	Effects of oxygen pressure on electrical properties of (Na0.5K0.5)NbO3 films grown on Pt/Ti/SiO2/Si substrates. *Acta Materialia*, **2012**, 60, 7034-7040	8.4	17
70	Microstructure and piezoelectric properties of (Na0.5K0.5)NbO3 lead-free piezoelectric ceramics with V2O5 addition. *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, **2009**, 56, 2337-42	3.2	17
69	Low-temperature sintering and microwave dielectric properties of B2O3-added ZnO-deficient Zn2GeO4 ceramics for advanced substrate application. *Journal of the European Ceramic Society*, **2018**, 38, 4682-4688	6	17
68	Low-Temperature-Grown KNbO Thin Films and Their Application to Piezoelectric Nanogenerators and Self-Powered ReRAM Device. *ACS Applied Materials & Interfaces*, **2017**, 9, 43220-43229	9.5	16
67	Determination of the appropriate piezoelectric materials for various types of piezoelectric energy harvesters with high output power. *Nano Energy*, **2019**, 57, 581-591	17.1	16
66	Large Strain in CuO-added (Na0.2K0.8)NbO3 Ceramic for Use in Piezoelectric Multilayer Actuators. *Journal of the American Ceramic Society*, **2016**, 99, 938-945	3.8	15
65	Low-Temperature Sintering and Piezoelectric Properties of CuO-Added KNbO3 Ceramics. *Journal of the American Ceramic Society*, **2014**, 97, 3897-3903	3.8	15
64	Inverted bulk-heterojunction polymer solar cells using a sputter-deposited Al-doped ZnO electron transport layer. *Journal of Alloys and Compounds*, **2019**, 777, 717-722	5.7	15

63	Orthorhombic-pseudocubic phase transition and piezoelectric properties of (Na0.5K0.5)(Nb1−xSbx)-SrZrO3 ceramics. *Journal of the American Ceramic Society*, **2017**, 100, 4827-4835	3.8	14
62	Thermally stable high strain and piezoelectric characteristics of (Li, Na, K)(Nb, Sb)O3-CaZrO3 ceramics for piezo actuators. *Journal of the American Ceramic Society*, **2019**, 102, 6115-6125	3.8	14
61	Large Electrostrain in K(Nb1−xMnx)O3 Lead-Free Piezoelectric Ceramics. *Journal of the American Ceramic Society*, **2016**, 99, 4031-4038	3.8	14
60	Effect of Bi2O3 Doping on the Sintering Temperature and Microwave Dielectric Properties of LiAlSiO4 Ceramics. *Journal of the American Ceramic Society*, **2012**, 95, 1811-1813	3.8	14
59	Synaptic plasticity and preliminary-spike-enhanced plasticity in a CMOS-compatible Ta2O5 memristor. *Materials and Design*, **2020**, 187, 108400	8.1	14
58	Effect of CuO on the ferroelectric and piezoelectric properties of lead-free KNbO3 ceramics. *Sensors and Actuators A: Physical*, **2015**, 234, 9-16	3.9	13
57	Electrophoretic deposition of Ca2Nb3O10 nanosheets synthesized by soft-chemical exfoliation. *Journal of Materials Chemistry C*, **2016**, 4, 178-184	7.1	13
56	Physical Properties of (NaK)NbO Thin Film Grown at Low Temperature Using Two-Dimensional CaNbO Nanosheet Seed Layer. *ACS Applied Materials & Interfaces*, **2018**, 10, 25536-25546	9.5	13
55	Piezoelectric properties of (Na0.5K0.5)(Nb1-xSbx)O3-SrTiO3 ceramics with tetragonal-pseudocubic PPB structure. *Journal of the American Ceramic Society*, **2018**, 101, 3997-4010	3.8	12
54	Structural and Piezoelectric Properties of (1−x)Pb(Zr1−yTiy)O3−xPb(Zn0.4Ni0.6)1/3Nb2/3O3 Ceramics Near Triple Point. *Journal of the American Ceramic Society*, **2015**, 98, 2887-2893	3.8	12
53	Structural and electrical properties of KNbO3 thin film grown on a Pt/Ti/SiO2/Si substrate using the RF magnetron sputtering method. *Acta Materialia*, **2016**, 112, 53-58	8.4	12
52	Various cubic-based polymorphic phase boundary structures in (1-y)(Na0.5K0.5)(Nb1-xSbx)-yCaTiO3 ceramics and their piezoelectric properties. *Journal of the European Ceramic Society*, **2019**, 39, 973-985	6	12
51	Unipolar resistive switching properties of amorphous Pr0.7Ca0.3MnO3 films grown on a Pt/Ti/SiO2/Si substrate. *Current Applied Physics*, **2014**, 14, 538-542	2.6	11
50	Sintering behavior and dielectric properties of KCa2Nb3O10 ceramics. *Journal of the European Ceramic Society*, **2013**, 33, 907-911	6	11
49	Piezoelectric Ceramics for Use in Multilayer Actuators and Energy Harvesters. *Journal of the American Ceramic Society*, **2014**, 97, 3157-3163	3.8	11
48	Resistive switching properties of amorphous Pr0.7Ca0.3MnO3 films grown on indium tin oxide/glass substrate using pulsed laser deposition method. *Applied Physics Letters*, **2012**, 100, 212111	3.4	11
47	Pseudocubic-based polymorphic phase boundary structures and their effect on the piezoelectric properties of (Li,Na,K)(Nb,Sb)O3-SrZrO3 lead-free ceramics. *Journal of Alloys and Compounds*, **2019**, 784, 1334-1343	5.7	11
46	Synthesis of highly tetragonal BaTiO3 nanopowders by a two-step alkoxide–hydroxide route. *Journal of Alloys and Compounds*, **2011**, 509, 9089-9092	5.7	10

45	Microstructural variation and dielectric properties of KTiNbO5 and K3Ti5NbO14 ceramics. *Ceramics International*, **2014**, 40, 5861-5867	5.1	9
44	Microstructures and Microwave Dielectric Properties of Bi2O3-Deficient Bi12SiO20 Ceramics. *Journal of the American Ceramic Society*, **2013**, 96, 2225-2229	3.8	9
43	Improvement of Conductance Modulation Linearity in a Cu-Doped KNbO Memristor through the Increase of the Number of Oxygen Vacancies. *ACS Applied Materials & Interfaces*, **2020**, 12, 1069-1077	9.5	9
42	Flexible electrochromic and thermochromic hybrid smart window based on a highly durable ITO/graphene transparent electrode. *Chemical Engineering Journal*, **2021**, 416, 129028	14.7	9
41	Synthesis of Sr2Nb3O10 nanosheets and their application for growth of thin film using an electrophoretic method. *Journal of the American Ceramic Society*, **2017**, 100, 1098-1107	3.8	8
40	Carbon nanotube/graphene oxide-added CaO-B2O3-SiO2 glass/Al2O3 composite as substrate for chip-type supercapacitor. *Journal of the American Ceramic Society*, **2018**, 101, 3156-3167	3.8	8
39	Low-temperature crystalline lead-free piezoelectric thin films grown on 2D perovskite nanosheet for flexible electronic device applications. *Nano Research*, **2019**, 12, 2559-2567	10	8
38	Piezoelectric properties of (Na1−xKx)NbO3-based lead-free piezoelectric ceramics and their application in knocking sensor. *Journal of the American Ceramic Society*, **2017**, 100, 5367-5373	3.8	8
37	Large in-plane permittivity of Ba0.6Sr0.4TiO3 thin films crystallized using excimer laser annealing at 300 °C. *Applied Physics Letters*, **2012**, 101, 242910	3.4	8
36	Microstructure and Microwave Dielectric Properties of the Li2CO3-Added Sr2V2O7 Ceramics. *Journal of the American Ceramic Society*, **2010**, 93, 2132-2135	3.8	8
35	Microstructural and Microwave Dielectric Properties of Bi12GeO20 and Bi2O3-Deficient Bi12GeO20 Ceramics. *Journal of the American Ceramic Society*, **2016**, 99, 2361-2367	3.8	8
34	Review of Sintering Technologies, Structural Characteristics, and Piezoelectric Properties of NKN-Based Lead-Free Ceramics. *Transactions on Electrical and Electronic Materials*, **2019**, 20, 385-402	1.7	7
33	An easy approach to obtain large piezoelectric constant in high-quality transparent ceramics by normal sintering process in modified potassium sodium niobate ceramics. *Journal of the European Ceramic Society*, **2020**, 40, 2989-2995	6	6
32	Electrical Properties of a 0.95(Na0.5K0.5)NbO3−0.05CaTiO3 Thin Film Grown on a Pt/Ti/SiO2/Si Substrate. *Journal of the American Ceramic Society*, **2014**, 97, 2892-2896	3.8	6
31	Bipolar switching properties of amorphous TiO2 thin film grown on TiN/Si substrate. *Current Applied Physics*, **2014**, 14, 1825-1830	2.6	6
30	Textured Pb(Zr,Ti)O3-Pb[(Zn,Ni)1/3Nb2/3]O3 multilayer ceramics and their application to piezoelectric actuators. *Applied Materials Today*, **2020**, 20, 100695	6.6	6
29	Crystal structure and piezoelectric characteristics of various phases near the triple-point composition in PZ-PT-PNN system. *Journal of the European Ceramic Society*, **2020**, 40, 1947-1956	6	6
28	[0 0 1]-oriented crystalline Potassium-Sodium Niobate thin film fabricated at low temperature for use in piezoelectric energy harvester. *Applied Surface Science*, **2021**, 537, 147871	6.7	6

27	Low-Temperature Crystallization of Sol-Gel Derived PbZr0.52Ti0.48O3Thin Films with a Vanadium Additive. *Journal of the Electrochemical Society*, **2011**, 159, D9-D12	3.9	5
26	Relationship between piezoelectric properties of ceramics and output performance of 33-mode piezoelectric energy harvesters. *Smart Materials and Structures*, **2018**, 27, 115027	3.4	5
25	Excellent piezoelectric properties of (K, Na)(Nb, Sb)O3-CaZrO3-(Bi, Ag)ZrO3 lead-free piezoceramics. *Journal of Alloys and Compounds*, **2022**, 889, 161817	5.7	5
24	Structural and electrical properties of Sr 2 NaNb 4 O 13 thin film grown by electrophoretic method using nanosheets synthesized from K(Sr 2 Na)Nb 4 O 13 compound. *Journal of the European Ceramic Society*, **2017**, 37, 2407-2413	6	4
23	Thermally stable large strain in low-loss (Na0.2K0.8)NbO3-BaZrO3 for multilayer actuators. *Journal of the American Ceramic Society*, **2019**, 102, 6837-6849	3.8	4
22	Direct Growth of Ferroelectric Oxide Thin Films on Polymers through Laser-Induced Low-Temperature Liquid-Phase Crystallization. *Chemistry of Materials*, **2020**, 32, 6483-6493	9.6	4
21	Engineering synaptic plasticity through the control of oxygen vacancy concentration for the improvement of learning accuracy in a Ta2O5 memristor. *Journal of Alloys and Compounds*, **2022**, 902, 163764	5.7	4
20	An easy approach to obtain textured microstructure and transparent seed crystal prepared by simple molten salt synthesis in modified potassium sodium Niobate. *Journal of the European Ceramic Society*, **2020**, 40, 1232-1235	6	4
19	Growth behavior and thermally stable electrical properties of TiNbO5 nanosheet thin films grown using the electrophoretic method. *Journal of the European Ceramic Society*, **2019**, 39, 1149-1155	6	4
18	CuO-added KNbO3-BaZrO3 lead-free piezoelectric ceramics with low loss and large electric field-induced strain. *Journal of the American Ceramic Society*, **2017**, 100, 2948-2957	3.8	3
17	Subwavelength Hollow-Nanopillared Glass with Gradient Refractive Index for Ultralow Diffuse Reflectance and Antifogging. *ACS Applied Materials & Interfaces*, **2020**, 12, 6234-6242	9.5	3
16	Superior piezoelectric properties of lead-free thick-films and their application to alternative multilayer actuator. *Journal of Alloys and Compounds*, **2020**, 834, 155079	5.7	3
15	High energy-density 0.72Pb(Zr0.47Ti0.53)O3-0.28Pb[(Zn0.45Ni0.55)1/3Nb2/3]O3 thick films fabricated by tape casting for energy-harvesting-device applications. *Journal of the Korean Physical Society*, **2013**, 63, 1772-1776	0.6	3
14	Remarkable piezoelectric performance and good thermal stability of-textured 0.96(K0.5Na0.5)(Nb Sb)O3-0.04SrZrO3 lead-free piezoelectric ceramics. *Journal of Alloys and Compounds*, **2021**, 882, 160662	5.7	3
13	Low temperature firing and microwave dielectric properties of Bi4□Ge3O12□1.5x ceramics. *Ceramics International*, **2017**, 43, 2801-2806	5.1	2
12	Highly IR transparent ZnS ceramics sintered by vacuum hot press using hydrothermally produced ZnS nanopowders. *Journal of the American Ceramic Society*, **2020**, 103, 2663-2673	3.8	2
11	Synthesis and dielectric properties of layered-perovskite KCa2Nan-3NbnO3n+1 ceramics. *Ceramics International*, **2017**, 43, 15089-15094	5.1	2
10	Piezoelectricity of (K,Na)(Nb,Sb)O3□SrZrO3(Bi,Ag)ZrO3 piezoceramics and their application in planar-type actuators. *Journal of Materials Chemistry C*, **2021**, 9, 16741-16750	7.1	2

9	Structural and piezoelectric properties of textured NLKNS-CZ thick films and their application in planar piezoactuator. *Journal of the American Ceramic Society*, **2022**, 105, 1185	3.8	2
8	Improvement in conductance modulation linearity of artificial synapses based on NaNbO3 memristor. *Applied Materials Today*, **2020**, 19, 100582	6.6	2
7	Simultaneous realization of high d and large strain in (K,Na,Li) (Nb,Sb)O3-(Ca,Sr)ZrO3 materials and their application in piezoelectric actuators. *Ceramics International*, **2021**,	5.1	2
6	New lead-free piezoelectric thin film fabricated using metal-oxide nanosheets at low temperature. *Ceramics International*, **2019**, 45, 21773-21780	5.1	1
5	Effects of SiC particle size on flexural strength, permeability, electrical resistivity, and thermal conductivity of macroporous SiC. *Ceramics International*, **2021**, 48, 1429-1429	5.1	1
4	Artificial synaptic and self-rectifying properties of crystalline (Na1-K)NbO3 thin films grown on Sr2Nb3O10 nanosheet seed layers. *Journal of Materials Science and Technology*, **2022**, 123, 136-143	9.1	1
3	Physical properties of crystalline NaNbO3 thin film grown on Sr2Nb3O10 nanosheets at low temperatures for piezoelectric energy harvesters. *Applied Surface Science*, **2022**, 593, 153464	6.7	1
2	Growth and piezoelectric properties of amorphous and crystalline (K1−xNax)NbO3 based thin films. *Journal of the Korean Ceramic Society*, **2021**, 58, 249-268	2.2	0
1	Temperature-independent physical properties of electrophoretic Ti5NbO14 films for high-temperature capacitors. *Journal of the European Ceramic Society*, **2019**, 39, 3730-3737	6	