

Anthony R West

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.

369
papers

17,871
citations

61
h-index

123
g-index

387
ext. papers

19,267
ext. citations

4.8
avg, IF

6.62
L-index

#	Paper	IF	Citations
369	Electrical properties of yttria-stabilised hafnia ceramics. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 25951-25960	3.6	0
368	Perspectives for next generation lithium-ion battery cathode materials. <i>APL Materials</i> , 2021 , 9, 109201	5.7	8
367	Electrical properties of Mg-doped and Mg, Si co-doped alumina. <i>Journal of the European Ceramic Society</i> , 2021 , 41, 3512-3519	6	1
366	Electrical properties of calcia-stabilised zirconia ceramics: Voltage-induced p-type conductivity and oxygen redox activity. <i>Open Ceramics</i> , 2021 , 6, 100117	3.3	1
365	Electrical properties and charge compensation mechanisms of Cr-doped rutile, TiO. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 22133-22146	3.6	1
364	High oxide-ion conductivity in acceptor-doped Bi-based perovskites at modest doping levels. <i>Physical Chemistry Chemical Physics</i> , 2021 , 23, 11327-11333	3.6	2
363	Flash phenomena in lime-stabilised zirconia oxide ion conductor. <i>Energy Reports</i> , 2020 , 6, 142-147	4.6	0
362	Electrical properties of calcia-stabilised zirconia ceramics. <i>Journal of the European Ceramic Society</i> , 2020 , 40, 5602-5611	6	9
361	Non-ohmic conduction in sodium bismuth titanate: the influence of oxide-ion conduction. <i>Physical Chemistry Chemical Physics</i> , 2020 , 22, 20941-20950	3.6	2
360	Induced p-type semiconductivity in yttria-stabilized zirconia. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 6100-6106	3.8	19
359	Oxygen stoichiometry, chemical expansion or contraction, and electrical properties of rutile, TiO _{2-x} ceramics. <i>Journal of the American Ceramic Society</i> , 2019 , 102, 251-259	3.8	12
358	Perovskite: A Solid-State Chemistry Chameleon, Illustrating the Elements, Their Properties and Location in the Periodic Table. <i>Structure and Bonding</i> , 2019 , 121-152	0.9	1
357	Site-selective symmetries of Eu ³⁺ -doped BaTiO ₃ ceramics: a structural elucidation by optical spectroscopy. <i>Journal of Materials Chemistry C</i> , 2019 , 7, 13976-13985	7.1	3
356	Field-induced p-n transition in yttria-stabilized zirconia. <i>Scientific Reports</i> , 2019 , 9, 18538	4.9	10
355	Electrical properties of bismuth ferrites: Bi ₂ Fe ₄ O ₉ and Bi ₂₅ FeO ₃₉ . <i>Journal of the European Ceramic Society</i> , 2019 , 39, 330-339	6	12
354	Influence of flash sintering on the ionic conductivity of 8 mol% yttria stabilized zirconia. <i>Journal of the European Ceramic Society</i> , 2019 , 39, 1352-1358	6	18
353	Phase Formation, Crystallography, and Ionic Conductivity of Lithium Manganese Orthosilicates. <i>Inorganic Chemistry</i> , 2019 , 58, 715-723	5.1	1

352	Synthesis, structure and dielectric properties of a new family of phases, ABC ₃ O ₁₁ : A = La, Pr, Nd, Sm, Gd; B = Zr, Hf; C = Ta, Nb. <i>Journal of the Australian Ceramic Society</i> , 2019 , 55, 305-314	1.5	
351	Electrical Properties and Oxygen Stoichiometry of BaSrTiO Ceramics. <i>Inorganic Chemistry</i> , 2018 , 57, 64-74	3.1	4
350	Synthesis and characterisation of the new oxyfluoride Li ⁺ ion conductor, Li ₅ SiO ₄ F. <i>Solid State Ionics</i> , 2018 , 327, 64-70	3.3	8
349	Electrical Properties of Yttria-Stabilized Zirconia, YSZ Single Crystal: Local AC and Long Range DC Conduction. <i>Journal of the Electrochemical Society</i> , 2018 , 165, F966-F975	3.9	18
348	Investigation of Antisite Defect Formation and Chemical Expansion in LiNiPO by in Situ Neutron Diffraction. <i>Inorganic Chemistry</i> , 2017 , 56, 3657-3662	5.1	14
347	Atmosphere- and Voltage-Dependent Electronic Conductivity of Oxide-Ion-Conducting ZrYO Ceramics. <i>Inorganic Chemistry</i> , 2017 , 56, 7081-7088	5.1	17
346	Defect chemistry and electrical properties of BiFeO ₃ . <i>Journal of Materials Chemistry C</i> , 2017 , 5, 10077-10086	5.86	36
345	Spinel-rock salt transformation in LiCoMnO. <i>Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences</i> , 2016 , 472, 20140991	2.4	16
344	Synthesis, structure and electrical properties of N-doped Li ₃ VO ₄ . <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1408-1413	13	10
343	Dipolar relaxation and impedance of an yttria-stabilised zirconia ceramic electrolyte. <i>Journal of Materials Chemistry A</i> , 2016 , 4, 1298-1305	13	17
342	Synthesis and characterisation of Li ₁₁ RE ₁₈ M ₄ O ₃₉ -RE = Nd or Sm; M = Al, Co or Fe. <i>Dalton Transactions</i> , 2016 , 45, 315-23	4.3	
341	Electrical and Magnetic Properties of NiZn Ferrite Prepared by Conventional and Solar Sintering. <i>Journal of the American Ceramic Society</i> , 2016 , 99, 2327-2333	3.8	7
340	On the correct choice of equivalent circuit for fitting bulk impedance data of ionic/electronic conductors. <i>Applied Physics Letters</i> , 2016 , 108, 152901	3.4	19
339	Oxygen stoichiometry, conductivity and gas sensing properties of BaSnO ₃ . <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4770-4777	7.1	22
338	Electronic Conductivity in Yttria-Stabilized Zirconia under a Small dc Bias. <i>Chemistry of Materials</i> , 2015 , 27, 1552-1558	9.6	53
337	Oxygen non-stoichiometry, conductivity and gas sensor response of SnO ₂ pellets. <i>Journal of Materials Chemistry A</i> , 2015 , 3, 23213-23219	13	13
336	Preparation of phase pure, dense fine grained ceramics by conventional and spark plasma sintering of La-substituted BiFeO ₃ nanoparticles. <i>Journal of the European Ceramic Society</i> , 2015 , 35, 2283-2293	6	20
335	Dielectric properties, polymorphism, structural characterisation and phase diagram of Na ₂ Nb ₄ O ₁₁ /Ag ₂ Nb ₄ O ₁₁ solid solutions. <i>Journal of Solid State Chemistry</i> , 2015 , 225, 438-449	3.3	5

334	Voltage-Dependent Bulk Resistivity of SrTiO ₃ :Mg Ceramics. <i>Journal of the American Ceramic Society</i> , 2014 , 97, 2815-2824	3.8	21
333	Field-enhanced bulk conductivity and resistive-switching in Ca-doped BiFeO ₃ ceramics. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 19408-16	3.6	22
332	Single phase, electrically insulating, multiferroic La-substituted BiFeO ₃ prepared by mechanosynthesis. <i>Journal of Materials Chemistry C</i> , 2014 , 2, 8398-8411	7.1	40
331	Energetics of Donor-Doping, Metal Vacancies, and Oxygen-Loss in A-Site Rare-Earth-Doped BaTiO ₃ . <i>Advanced Functional Materials</i> , 2013 , 23, 3925-3928	15.6	56
330	Hole conductivity in oxygen-excess BaTi _{1-x} Ca _x O _{3-x/2} . <i>Physical Chemistry Chemical Physics</i> , 2013 , 15, 20943-50	3.6	19
329	Semiconductivity in Acceptor-Doped BaTi _{1-x} HoxO _{3-x/2} . <i>Journal of the American Ceramic Society</i> , 2013 , 96, 1512-1520	3.8	3
328	Synthesis, structural characterization, and electrical properties of new oxygen-deficient tetragonal tungsten bronzes Ba ₂ NdTi _(2+x) Nb _(3-x) O _(15-x/2) . <i>Inorganic Chemistry</i> , 2013 , 52, 1729-36	5.1	26
327	Semiconductor-Insulator Transition in Undoped Rutile, TiO ₂ , Ceramics. <i>Journal of the American Ceramic Society</i> , 2013 , 96, 218-222	3.8	20
326	Crystal structure determination by combined synchrotron powder X-ray diffraction and crystal structure prediction: 1 : 1 L-ephedrine D-tartrate. <i>CrystEngComm</i> , 2013 , 15, 1853-1859	3.3	17
325	Mixed oxide ion and proton conduction and p-type semiconduction in BaTi _{0.98} Ca _{0.02} O _{2.98} ceramics. <i>Journal of Materials Chemistry C</i> , 2013 , 1, 2426	7.1	29
324	Voltage-dependent resistance of undoped rutile, TiO ₂ , ceramics. <i>Applied Physics Letters</i> , 2013 , 103, 2635-36	5.0	9
323	Electrical Properties of Stoichiometric BiFeO ₃ Prepared by Mechanosynthesis with Either Conventional or Spark Plasma Sintering. <i>Journal of the American Ceramic Society</i> , 2013 , 96, 1220-1227	3.8	47
322	Phase equilibria and electrical properties of pyrochlore and zirconolite phases in the Bi ₂ O ₃ -nO ₃ -Ta ₂ O ₅ system. <i>Journal of the European Ceramic Society</i> , 2012 , 32, 671-680	6	40
321	Synthesis and characterization of Li ₁₁ Nd ₁₈ Fe ₄ O _(39-δ) . <i>Inorganic Chemistry</i> , 2012 , 51, 8073-82	5.1	3
320	Synthesis, crystallization and characterization of diastereomeric salts formed by ephedrine and malic acid in water. <i>Chemical Engineering Science</i> , 2012 , 77, 47-56	4.4	12
319	Non-ohmic phenomena in Mn-doped BaTiO ₃ . <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2012 , 209, 2267-2272	1.6	10
318	Impedance characterisation of LiFePO ₄ ceramics. <i>Solid State Ionics</i> , 2012 , 226, 41-52	3.3	8
317	Electrical Properties of Ca-Doped BiFeO ₃ Ceramics: From p-Type Semiconduction to Oxide-Ion Conduction. <i>Chemistry of Materials</i> , 2012 , 24, 2127-2132	9.6	126

316	Bismuth Zinc Niobate Pyrochlore, a Relaxor-Like Non-Ferroelectric. <i>Journal of the American Ceramic Society</i> , 2012 , 95, 296-302	3.8	17
315	The Effect on Cathode Performance of Oxygen Non-Stoichiometry and Interlayer Mixing in Layered Rock Salt LiNi _{0.8} Mn _{0.1} Co _{0.1} O ₂ . <i>Journal of the Electrochemical Society</i> , 2012 , 159, A396-A401	3.9	42
314	Structural characterisation of ferroelectric Ag ₂ Nb ₄ O ₁₁ and dielectric Ag ₂ Ta ₄ O ₁₁ . <i>Journal of Materials Chemistry</i> , 2011 , 21, 2715		25
313	Extrinsic origins of the apparent relaxorlike behavior in CaCu ₃ Ti ₄ O ₁₂ ceramics at high temperatures: A cautionary tale. <i>Journal of Applied Physics</i> , 2011 , 109, 084106	2.5	111
312	Lithium-Ion Conduction Pathways in Complex Lithium Spinel Li ₂ MGe ₃ O ₈ (M = Ni or Zn). <i>Chemistry of Materials</i> , 2011 , 23, 3556-3563	9.6	9
311	Thermally-Induced Homogeneous Racemization, Polymorphism, and Crystallization of Pyroglutamic Acid. <i>Crystal Growth and Design</i> , 2011 , 11, 3366-3374	3.5	11
310	Enhanced Conductivity and Nonlinear Voltage-Current Characteristics of Nonstoichiometric BaTiO ₃ Ceramics. <i>Journal of the American Ceramic Society</i> , 2011 , 94, 2951-2962	3.8	18
309	Thermally-induced cation disorder in LiFePO ₄ . <i>Solid State Ionics</i> , 2011 , 203, 33-36	3.3	14
308	Voltage-dependent low-field resistivity of CaTiO ₃ :Zn ceramics. <i>Journal of Materials Chemistry</i> , 2011 , 21, 12894		19
307	Polymorphism, structural characterisation and electrical properties of Na ₂ Nb ₄ O ₁₁ . <i>Journal of Materials Chemistry</i> , 2011 , 21, 12096		20
306	Synthesis, structure and electrical properties of Cu _{3.21} Ti _{1.16} Nb _{2.63} O ₁₂ and the CuOx-TiO ₂ -Nb ₂ O ₅ pseudoternary phase diagram. <i>Journal of Solid State Chemistry</i> , 2011 , 184, 1813-1819	3.3	10
305	Frequency-dependent electrical properties of ferroelectric BaTi ₂ O ₅ single crystal. <i>Journal of Applied Physics</i> , 2011 , 109, 024107	2.5	8
304	Microwave dielectric properties of Na _{1/2} Bi _{1/2} Cu _{2.82} Mn _{0.18} Ti ₄ O ₁₂ ceramics. <i>IOP Conference Series: Materials Science and Engineering</i> , 2011 , 18, 092004	0.4	
303	Electrical characterization and equivalent circuit analysis of (Bi _{1.5} Zn _{0.5})(Nb _{0.5} Ti _{1.5})O ₇ Pyrochlore, a relaxor ceramic. <i>Journal of Applied Physics</i> , 2011 , 109, 074106	2.5	25
302	Formation and Stability of Ferroelectric BaTi ₂ O ₅ . <i>Journal of the American Ceramic Society</i> , 2010 , 93, 295-300	3.8	43
301	Voltage-Dependent Low-Field Bulk Resistivity in BaTiO ₃ :Zn Ceramics. <i>Journal of the American Ceramic Society</i> , 2010 , 93, 500-505	3.8	32
300	Field enhanced bulk conductivity of acceptor-doped BaTi _{1-x} CaxO _{3-x} ceramics. <i>Applied Physics Letters</i> , 2010 , 97, 062907	3.4	36
299	Field enhanced bulk conductivity of BaTiO ₃ : Mg ceramics. <i>Journal of Materials Chemistry</i> , 2010 , 20, 5335		42

298	Phase Transformations of Glutamic Acid and Its Decomposition Products. <i>Crystal Growth and Design</i> , 2010 , 10, 988-994	3.5	30
297	A new family of ferroelectric materials: Me ₂ Nb ₄ O ₁₁ (Me = Na and Ag). <i>Journal of Materials Chemistry</i> , 2010 , 20, 2082		24
296	Detection of heterogeneities in single-crystal CaCu ₃ Ti ₄ O ₁₂ using conductive atomic force microscopy. <i>IOP Conference Series: Materials Science and Engineering</i> , 2010 , 8, 012018	0.4	2
295	Polymorphism, Phase Transitions, and Thermal Stability of l-Pyroglutamic Acid. <i>Crystal Growth and Design</i> , 2010 , 10, 3141-3148	3.5	44
294	Piezoelectric and ferroelectric properties of new Pb ₉ Ce ₂ Ti ₁₂ O ₃₆ and lead-free Ba ₂ NdTi ₂ Nb ₃ O ₁₅ ceramics. <i>Journal of Electroceramics</i> , 2010 , 25, 116-121	1.5	2
293	New high permittivity tetragonal tungsten bronze dielectrics Ba ₂ LaMNb ₄ O ₁₅ : M=Mn, Fe. <i>Journal of Solid State Chemistry</i> , 2010 , 183, 624-630	3.3	16
292	Synthesis, structural characterization and Li ⁺ ion conductivity of a new vanado-molybdate phase, LiMg ₃ VMo ₂ O ₁₂ . <i>Journal of Solid State Chemistry</i> , 2010 , 183, 2589-2597	3.3	8
291	Possible incipient ferroelectricity in Mn-doped Na _{1/2} Bi _{1/2} Cu ₃ Ti ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2009 , 94, 212901	3.4	15
290	Toward defining materials chemistry (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2009 , 81, 1707-1717	2.1	1
289	Ho-doped BaTiO ₃ : Polymorphism, phase equilibria and dielectric properties of BaTi _{1-x} HoxO _{3-x/2} : 0 ≤ x ≤ 0.17. <i>Journal of the European Ceramic Society</i> , 2009 , 29, 3249-3257	6	34
288	Origin(s) of the apparent high permittivity in CaCu ₃ Ti ₄ O ₁₂ ceramics: clarification on the contributions from internal barrier layer capacitor and sample-electrode contact effects. <i>Journal of Applied Physics</i> , 2009 , 106, 104106	2.5	155
287	Comment on the origin(s) of the giant permittivity effect in CaCu ₃ Ti ₄ O ₁₂ single crystals and ceramics. <i>Journal of Materials Chemistry</i> , 2009 , 19, 5916		91
286	Formation of disordered and partially ordered Li _x Co _{1-x} O. <i>Journal of Materials Chemistry</i> , 2009 , 19, 1443		10
285	Synthesis, structure and properties of the hexagonal perovskite, h-BaTi _{1-x} HoxO _{3-x/2} . <i>Journal of Materials Chemistry</i> , 2009 , 19, 5201		10
284	Dielectric Properties of ACu ₃ Ti ₄ O ₁₂ -Type Perovskites. <i>Ceramic Transactions</i> , 2009 , 145-153	0.1	1
283	Phase equilibria, crystal chemistry and polymorphism of Zn ₇ Sb ₂ O ₁₂ doped with Cr and Ni. <i>Materials Research Bulletin</i> , 2008 , 43, 1949-1956	5.1	6
282	Phase transition hysteresis and anomalous Curie-Weiss behavior of ferroelectric tetragonal tungsten bronzes Ba ₂ RETi ₂ Nb ₃ O ₁₅ : RE=Nd, Sm. <i>Journal of Applied Physics</i> , 2008 , 104, 104118	2.5	40
281	Localized electrical characterization of the giant permittivity effect in CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Applied Physics Letters</i> , 2008 , 92, 182907	3.4	44

280	Oxygen Nonstoichiometry and Phase Transitions in $\text{LiMn}_{1.5}\text{Ni}_{0.5}\text{O}_4$. <i>Journal of the Electrochemical Society</i> , 2008 , 155, A282	3.9	100
279	Diffraction data of $\text{Zn}_3\text{Cu}_4\text{Sb}_2\text{O}_{12}$. <i>Powder Diffraction</i> , 2008 , 23, 56-59	1.8	1
278	Crystal chemistry of Co-doped $\text{Zn}_7\text{Sb}_2\text{O}_{12}$. <i>Journal of Solid State Chemistry</i> , 2008 , 181, 334-339	3.3	7
277	Structural and electrical characteristic of crystalline barium titanate synthesized by low temperature aqueous method. <i>Journal of Materials Processing Technology</i> , 2008 , 195, 171-177	5.3	17
276	Polymorphism of BaTiO_3 Acceptor Doped with Mn^{3+} , Fe^{3+} , and Ti^{3+} . <i>Journal of the American Ceramic Society</i> , 2008 , 91, 2364-2366	3.8	15
275	Ferroelectric Aging and Recoverable Electrostrain in $\text{BaTi}_{0.98}\text{Ca}_{0.02}\text{O}_{2.98}$ Ceramics. <i>Journal of the American Ceramic Society</i> , 2008 , 91, 3101-3104	3.8	10
274	Variable oxygen stoichiometry in layered rock salt cathodes, $\text{Li}_x(\text{Mn,Ni})\text{O}_2$, depending on synthesis conditions. <i>Journal of Power Sources</i> , 2007 , 174, 1078-1081	8.9	10
273	Order-disorder transition in the complex lithium spinel $\text{Li}_2\text{CoTi}_3\text{O}_8$. <i>Journal of Solid State Chemistry</i> , 2007 , 180, 1894-1901	3.3	20
272	Tungsten Bronze-Structured Temperature-Stable Dielectrics. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 980-982	3.8	14
271	Pyrochlore Phase Formation in the System $\text{Bi}_2\text{O}_3\text{-ZnO-La}_2\text{O}_5$. <i>Journal of the American Ceramic Society</i> , 2007 , 90, 2900-2904	3.8	10
270	Polymorphism and Dielectric Properties of Nb-Doped BaTiO_3 . <i>Journal of the American Ceramic Society</i> , 2007 , 91, 071018043821002-???	3.8	1
269	Nanocomposite ceramics based on La-doped BaTi_2O_5 and BaTiO_3 with high temperature-independent permittivity and low dielectric loss. <i>Journal of Electroceramics</i> , 2007 , 18, 277-282	1.5	13
268	Characterization of $\text{Ba}_{0.9}\text{Sr}_{0.1}\text{TiO}_3$ prepared by low temperature chloride aqueous synthesis. <i>Journal of Materials Science</i> , 2007 , 42, 2492-2498	4.3	7
267	Oxygen Stoichiometry-Structure-Property Correlations in $\text{Li}_{2\beta}[\text{Mn}_{2\beta}\text{Ni}_{1\beta}]\text{O}_{2\beta}$ with O_3 Structure. <i>Journal of the Electrochemical Society</i> , 2007 , 154, A760	3.9	6
266	Dielectric and structural studies of $\text{Ba}_2\text{MTi}_2\text{Nb}_3\text{O}_{15}$ (BMTNO15, $\text{M}=\text{Bi}^{3+}, \text{La}^{3+}, \text{Nd}^{3+}, \text{Sm}^{3+}, \text{Gd}^{3+}$) tetragonal tungsten bronze-structured ceramics. <i>Journal of Applied Physics</i> , 2007 , 101, 104114	2.5	96
265	Incipient ferroelectricity and microwave dielectric resonance properties of $\text{CaCu}_{2.85}\text{Mn}_{0.15}\text{Ti}_4\text{O}_{12}$ ceramics. <i>Applied Physics Letters</i> , 2007 , 91, 132911	3.4	31
264	Comment on the use of calcium as a dopant in X8R BaTiO_3 -based ceramics. <i>Applied Physics Letters</i> , 2007 , 90, 142914	3.4	73
263	Crystallography of Ni-doped $\text{Zn}_7\text{Sb}_2\text{O}_{12}$ and phase equilibria in the system $\text{ZnO-Sb}_2\text{O}_5\text{-NiO}$. <i>Journal of the European Ceramic Society</i> , 2006 , 26, 2307-2311	6	10

262	EELS characterisation of bulk CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Micron</i> , 2006 , 37, 412-9	2.3	21
261	Pyrochlore phases in the system ZnOBi ₂ O ₃ Sb ₂ O ₅ : II. Crystal structures of Zn ₂ Bi _{3.08} Sb _{2.92} O ₁₄ +□ and Zn _{2+x} Bi _{2.96(1-x)} Sb _{3.04(1-x)} O _{14.04+□} <i>Solid State Sciences</i> , 2006 , 8, 1422-1429	3.4	8
260	Characterisation of Grain Boundaries in CaCu ₃ Ti ₄ O ₁₂ using HREM, EDS and EELS. <i>Journal of Physics: Conference Series</i> , 2006 , 26, 65-68	0.3	9
259	Coupling between octahedral tilting and ferroelectric order in tetragonal tungsten bronze-structured dielectrics. <i>Applied Physics Letters</i> , 2006 , 89, 122908	3.4	106
258	Characterization of grain boundary impedances in fine- and coarse-grained CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Physical Review B</i> , 2006 , 73,	3.3	382
257	Influence of Processing Conditions on the Electrical Properties of CaCu ₃ Ti ₄ O ₁₂ Ceramics. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 3129-3135	3.8	226
256	Influence of Mn doping on the semiconducting properties of CaCu ₃ Ti ₄ O ₁₂ ceramics. <i>Applied Physics Letters</i> , 2006 , 88, 232903	3.4	175
255	High intrinsic permittivity in Na _{1/2} Bi _{1/2} Cu ₃ Ti ₄ O ₁₂ . <i>Applied Physics Letters</i> , 2006 , 89, 212904	3.4	62
254	Synthesis and electrical properties of Nb-doped BaTiO ₃ . <i>Journal of Materials Chemistry</i> , 2006 , 16, 3114-3119		53
253	Electrical properties of Fe-doped BaTiO ₃ . <i>Journal of Materials Chemistry</i> , 2006 , 16, 1626-1633		54
252	Inorganic functional materials: optimization of properties by structural and compositional control. <i>Chemical Record</i> , 2006 , 6, 206-16	6.6	18
251	Dielectric Properties of the □-twinned □H-Hexagonal Perovskite Ba ₈ Nb ₄ Ti ₃ O ₂₄ . <i>Journal of the American Ceramic Society</i> , 2006 , 89, 336-339	3.8	23
250	Pyrochlore Phases in the System ZnOBi ₂ O ₃ Sb ₂ O ₅ : I. Stoichiometries and Phase Equilibria. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 1042-1046	3.8	21
249	Decomposition Reactions in CaCu ₃ Ti ₄ O ₁₂ Ceramics. <i>Journal of the American Ceramic Society</i> , 2006 , 89, 060711111453002-???	3.8	6
248	Polymorphism and Thermodynamic Stability of Zn ₇ Sb ₂ O ₁₂ . <i>Journal of the American Ceramic Society</i> , 2005 , 88, 396-398	3.8	17
247	Electrical properties of ferroelectric BaTi ₂ O ₅ and dielectric Ba ₆ Ti ₁₇ O ₄₀ ceramics. <i>Journal of Applied Physics</i> , 2005 , 97, 084104	2.5	37
246	Stoichiometry and doping mechanism of the cubic pyrochlore phase in the system Bi ₂ O ₃ □nO□nb ₂ O ₅ . <i>Journal of Materials Chemistry</i> , 2005 , 15, 3501		14
245	Oxygen content and electrochemical activity of LiCoMnO ₄ □ <i>Journal of Materials Chemistry</i> , 2005 , 15, 4435		20

244	Temperature-dependent crystal structure of ferroelectric Ba ₂ LaTi ₂ Nb ₃ O ₁₅ . <i>Journal of Materials Chemistry</i> , 2005 , 15, 798		40
243	X-ray diffraction data for the new ferroelectric tetragonal tungsten bronze phases, Ba ₂ RETi ₂ M ₃ O ₁₅ :M=Nb and RE=La, Pr, Nd, Sm, Gd, Dy, (Bi);M=Ta and RE=La, Nd. <i>Powder Diffraction</i> , 2005 , 20, 43-46	1.8	9
242	Co-doped Mn ₃ O ₄ : a possible anode material for lithium batteries. <i>Journal of Power Sources</i> , 2005 , 141, 156-158	8.9	143
241	Dielectric spectra of a new relaxor ferroelectric system Ba ₂ LnTi ₂ Nb ₃ O ₁₅ (Ln = La, Nd). <i>Journal of the European Ceramic Society</i> , 2005 , 25, 3069-3073	6	24
240	A new family of ferroelectric tetragonal tungsten bronze phases, Ba ₂ MTi ₂ X ₃ O ₁₅ . <i>Journal of the European Ceramic Society</i> , 2005 , 25, 2471-2475	6	42
239	Synthesis and characterisation of lanthanum germanate-based apatite phases. <i>Solid State Ionics</i> , 2005 , 176, 1941-1947	3.3	53
238	Oxygen Nonstoichiometry in Li ₂ MnO ₃ : An Alternative Explanation for Its Anomalous Electrochemical Activity. <i>Chemistry of Materials</i> , 2005 , 17, 345-348	9.6	54
237	Novel Doping Mechanism for Very-High-Permittivity Barium Titanate Ceramics. <i>Journal of the American Ceramic Society</i> , 2005 , 81, 1957-1960	3.8	90
236	Insulating Properties of Lanthanum-Doped BaTiO ₃ Ceramics Prepared by Low-Temperature Synthesis. <i>Journal of the American Ceramic Society</i> , 2005 , 87, 2132-2134	3.8	24
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78	Mechanical and electrical relaxation characteristics of ionic conductors. <i>Journal of Non-Crystalline Solids</i> , 1986 , 88, 222-228	3.9	11
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74	Crystal data for LiZnPO ₄ . <i>Journal of Materials Science Letters</i> , 1985 , 4, 1138-1139		5
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