

Mitsuru Itoh

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.

508 papers	13,047 citations	55 h-index	93 g-index
542 ext. papers	14,081 ext. citations	3.3 avg, IF	6.19 L-index

#	Paper	IF	Citations
508	Chemical design of a new displacive-type ferroelectric.. <i>Dalton Transactions</i> , 2022 ,	4.3	2
507	Ferroelectric and magnetic properties in BiFeO_3 epitaxial film. <i>Applied Physics Letters</i> , 2021 , 119, 182904.	4.4	2
506	The Critical Role of Stereochemically Active Lone Pair in Introducing High Temperature Ferroelectricity. <i>Inorganic Chemistry</i> , 2021 , 60, 4068-4075	5.1	1
505	Temperature dependence of the effective Gilbert damping constant of FeRh thin films. <i>AIP Advances</i> , 2021 , 11, 045302	1.5	
504	Single-Crystal Synthesis of BiFeO_3 -Type Oxides Exhibiting Room-Temperature Ferrimagnetism and Ferroelectric Polarization. <i>Crystal Growth and Design</i> , 2021 , 21, 4904-4908	3.5	2
503	Suppression Mechanisms of the Solid-Electrolyte Interface Formation at the Triple-Phase Interfaces in Thin-Film Li-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34027-34032	9.5	
502	Large Polarization Switching and High-Temperature Magnetoelectric Coupling in Multiferroic GaFeO Systems. <i>Inorganic Chemistry</i> , 2021 , 60, 225-230	5.1	3
501	Room-Temperature Antiferroelectricity in Multiferroic Hexagonal Rare-Earth Ferrites. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 4230-4235	9.5	5
500	Surface-supporting method of micropad deposition onto LiCoO ₂ epitaxial thin films to improve high C-rate performance. <i>Journal of the Ceramic Society of Japan</i> , 2021 , 129, 415-418	1	1
499	A surface-supporting method for an anode material of Li ₄ Ti ₅ O ₁₂ via an epitaxial thin film approach. <i>Japanese Journal of Applied Physics</i> , 2021 , 60, SFFB11	1.4	
498	Epitaxial pillar-matrix nanocomposite thin films of Bi ₂ FeO ₆ and CoFe ₂ O ₄ grown on SrTiO ₃ (110). <i>Journal of Applied Physics</i> , 2021 , 130, 084101	2.5	0
497	Sizable Suppression of Thermal Hall Effect upon Isotopic Substitution in SrTiO ₃ . <i>Physical Review Letters</i> , 2021 , 126, 015901	7.4	1
496	A computational search for wurtzite-structured ferroelectrics with low coercive voltages. <i>APL Materials</i> , 2020 , 8, 121102	5.7	5
495	Covalency driven modulation of paramagnetism and development of lone pair ferroelectricity in multiferroic Pb ₃ TeMn ₃ P ₂ O ₁₄ . <i>Physical Review B</i> , 2020 , 101,	3.3	3
494	Cation-Deficiency-Induced Crystal-Site Engineering for ZnGaO:Mn Thin Film. <i>Inorganic Chemistry</i> , 2020 , 59, 8744-8748	5.1	12
493	Bandgap tuning and optimization of green-emitting Zn ₂ SnO ₄ -Mg ₂ SnO ₄ :Mn ²⁺ using combinatorial pulsed laser deposition. <i>Ceramics International</i> , 2020 , 46, 21771-21774	5.1	0
492	Modulating the Structure and Magnetic Properties of BiFeO_3 Nanoparticles via Electrochemical Li Insertion. <i>Inorganic Chemistry</i> , 2020 , 59, 4357-4365	5.1	1

491	Redox-Based Multilevel Resistive Switching in AlFeO ₃ Thin-Film Heterostructures. <i>ACS Applied Electronic Materials</i> , 2020 , 2, 1065-1073	4	2
490	Flexible γ -FeO-Terephthalate Thin-Film Magnets through ALD/MLD. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 21912-21921	9.5	19
489	Epitaxial strain engineering of luminescent properties in ZnGa ₂ O ₄ :Mn thin films. <i>Applied Physics Express</i> , 2020 , 13, 082004	2.4	2
488	Investigation of ferrimagnetism and ferroelectricity in Al _x Fe _{2-3x} O ₃ thin films. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 706-714	7.1	6
487	Switchable third ScFeO ₃ polar ferromagnet with YMnO ₃ -type structure. <i>Journal of Materials Chemistry C</i> , 2020 , 8, 4447-4452	7.1	7
486	Skewed electronic band structure induced by electric polarization in ferroelectric BaTiO ₃ . <i>Scientific Reports</i> , 2020 , 10, 10702	4.9	6
485	Enhanced Spontaneous Polarization by V Substitution in a Lead-Free Perovskite CaMnTiO ₃ . <i>Inorganic Chemistry</i> , 2020 , 59, 11749-11756	5.1	2
484	Growth mechanism and domain structure study on epitaxial BiFeO ₃ film grown on (La _{0.3} Sr _{0.7})(Al _{0.65} Ta _{0.35})O ₃ . <i>Journal of Applied Physics</i> , 2020 , 127, 245303	2.5	2
483	In-plane ferroelectricity and enhanced Curie temperature in perovskite BaTiO ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2020 , 117, 072902	3.4	4
482	Simple Method to Obtain Large-Size Single-Crystalline Oxide Sheets. <i>Advanced Functional Materials</i> , 2020 , 30, 2001236	15.6	14
481	Ferroelectric and ferrimagnetic properties of γ -Rh _x Fe _{2-3x} O ₃ thin films. <i>Journal of the Ceramic Society of Japan</i> , 2019 , 127, 474-477	1	4
480	Magnetic properties of Single Crystal GaFeO ₃ . <i>MRS Advances</i> , 2019 , 4, 61-66	0.7	4
479	Short range biaxial strain relief mechanism within epitaxially grown BiFeO ₃ . <i>Scientific Reports</i> , 2019 , 9, 6715	4.9	3
478	A crystal optical study of short range polar order in the ferroelectric phase: doped incipient ferroelectrics. <i>Ferroelectrics</i> , 2019 , 538, 35-44	0.6	0
477	Physics-Guided Data-Mining Driven Design of Room-Temperature Multiferroic Perovskite Oxides. <i>Physica Status Solidi - Rapid Research Letters</i> , 2019 , 13, 1900028	2.5	0
476	Fabrication and Characterization of Multiferroic Al _{0.5} Fe _{1.5} O ₃ Epitaxial Thin Films. <i>MRS Advances</i> , 2019 , 4, 539-544	0.7	
475	Structural Phase Transitions and Possibility of the Relaxor-like State in Improper Ferroelectric Strontium-Substituted Calcium Sulfoaluminates. <i>Journal of the Physical Society of Japan</i> , 2019 , 88, 034718	1.5	4
474	The effect of relative permittivity of surface supporting materials for high-speed rechargeable LiCoO ₂ cathode film. <i>Journal of Power Sources</i> , 2019 , 441, 227194	8.9	8

473	The effects of BaTiO ₃ nanodots density support on epitaxial LiCoO ₂ thin-film for high-speed rechargeability. <i>Electrochemistry Communications</i> , 2019 , 109, 106604	5.1	4
472	Enhancement of Ultrahigh Rate Chargeability by Interfacial Nanodot BaTiO Treatment on LiCoO Cathode Thin Film Batteries. <i>Nano Letters</i> , 2019 , 19, 1688-1694	11.5	33
471	Compositional dependence of Gilbert damping constant of epitaxial Fe ₁₀₀ âRh _x thin films. <i>Applied Physics Letters</i> , 2019 , 115, 142403	3.4	3
470	Ferroelectric BaTaON Crystals Grown in a BaCN Flux. <i>Inorganic Chemistry</i> , 2019 , 58, 16752-16760	5.1	17
469	Epitaxial Growth of Orthorhombic GaFeOâThin Films on SrTiOâ(111) Substrates by Simple Sol-Gel Method. <i>Materials</i> , 2019 , 12,	3.5	5
468	Superconducting transition temperatures in the electronic and magnetic phase diagrams of SrVFeAsO , a superconductor. <i>Journal of Physics Condensed Matter</i> , 2019 , 31, 115801	1.8	6
467	Low-Temperature High-Rate Capabilities of Lithium Batteries via Polarization-Assisted Ion Pathways. <i>Advanced Electronic Materials</i> , 2018 , 4, 1700413	6.4	23
466	Structural, magnetic, and ferroelectric properties of T-like cobalt-doped BiFeO ₃ thin films. <i>APL Materials</i> , 2018 , 6, 026102	5.7	11
465	Ba ₃ Mn ₂ O ₉ hexagonal perovskites in the light of spin-orbit coupling and local structural distortions. <i>Physical Review B</i> , 2018 , 97,	3.3	8
464	Ferrimagnetism and Ferroelectricity in Cr-Substituted GaFeO ₃ Epitaxial Films. <i>Chemistry of Materials</i> , 2018 , 30, 1436-1441	9.6	21
463	Investigation of residual stress in lead-free BNT-based ceramic/ceramic composites. <i>Acta Materialia</i> , 2018 , 148, 432-441	8.4	19
462	High-Rate Performance of LiCoO ₂ Epitaxial Thin Films with Various Surface Conditions. <i>MRS Advances</i> , 2018 , 3, 1243-1247	0.7	2
461	Strain-mediated magnetic response in La _{0.67} Sr _{0.33} MnO ₃ /SrTiO ₃ /La _{0.67} Sr _{0.33} MnO ₃ /BaTiO ₃ structure. <i>AIP Advances</i> , 2018 , 8, 055808	1.5	7
460	Origin of magnetic moments and presence of spin-orbit singlets in Ba ₂ YIrO ₆ . <i>Physical Review B</i> , 2018 , 98,	3.3	11
459	Ferroelectric and Magnetic Properties in Room-Temperature Multiferroic GaxFe ₂ âO ₃ Epitaxial Thin Films. <i>Advanced Functional Materials</i> , 2018 , 28, 1704789	15.6	38
458	Effect of Cr substitution on ferrimagnetic and ferroelectric properties of GaFeO ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2018 , 113, 162901	3.4	4
457	Na _{1/2} Bi _{1/2} VO ₃ and K _{1/2} Bi _{1/2} VO ₃ : New Lead-Free Tetragonal Perovskites with Moderate c/a Ratios. <i>Chemistry of Materials</i> , 2018 , 30, 6728-6736	9.6	4
456	Lead-Free Multilayer Piezoceramic Composites: Effect of Cosintering on Electromechanical Properties. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2017 , 64, 1127-1134	3.2	1

455	Control of crystal-domain orientation in multiferroic Ga _{0.6} Fe _{1.4} O ₃ epitaxial thin films. <i>Applied Physics Letters</i> , 2017 , 110, 212905	3.4	18
454	Electric Transport Characteristics of Gallium Iron Oxide Epitaxial Thin Film. <i>MRS Advances</i> , 2017 , 2, 3459-3464	3.4	1
453	Surface morphology and dielectric behavior of perovskite SrTiO ₃ thin film in heterostructure electroluminescence devices. <i>Current Applied Physics</i> , 2017 , 17, 657-660	2.6	3
452	Magnetization Reversal in Fe/BaTiO ₃ (110) Heterostructured Multiferroics. <i>Physica Status Solidi - Rapid Research Letters</i> , 2017 , 11, 1700294	2.5	5
451	Structures and Properties of Dielectrics and Ferroelectrics 2017 , 643-664		1
450	Effect of calcination temperature on the photodegradation efficiency of Ni/ZnO composite in removal of organic dye 2017 ,		1
449	Thin-film perovskite electroluminescence with BaTiO ₃ films as insulating layers. <i>Ferroelectrics</i> , 2017 , 512, 100-104	0.6	4
448	Epitaxial thin film growth of garnet-, GdFeO ₃ -, and YMnO ₃ -type LuFeO ₃ using pulsed laser deposition. <i>Thin Solid Films</i> , 2017 , 642, 41-44	2.2	2
447	Crystal structure and magnetism in \square Al ₂ O ₃ -type Al _x Fe _{2-x} O ₃ films on SrTiO ₃ (111). <i>Journal of Applied Physics</i> , 2017 , 122, 015301	2.5	10
446	Unconventional magnetic phase separation in \square CoV ₂ O ₆ . <i>Physical Review B</i> , 2017 , 96,	3.3	4
445	Chemical tuning of room-temperature ferrimagnetism and ferroelectricity in \square Fe ₂ O ₃ -type multiferroic oxide thin films. <i>Journal of Materials Chemistry C</i> , 2017 , 5, 12597-12601	7.1	18
444	Phase diagram of (Na _{0.5} K _{0.5})NbO ₃ -(Bi _{0.5} Na _{0.5})ZrO ₃ solid solution. <i>Journal of Advanced Dielectrics</i> , 2016 , 06, 1650014	1.3	7
443	Local dynamics and phase transition in quantum paraelectric SrTiO ₃ studied by TiK-edge x-ray absorption spectroscopy. <i>Journal of Physics: Conference Series</i> , 2016 , 712, 012101	0.3	3
442	Signature of covalency and disorder on the dielectric and magnetic properties of Ba ₆ Co ₆ ClO ₁₆ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2016 , 207, 19-23	1.7	
441	Effect of Ni coupling on the photoluminescence property and photocatalytic activity of ZnO nanorods. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 61, 156-165	5.3	22
440	Mechanism of polarization switching in wurtzite-structured zinc oxide thin films. <i>Applied Physics Letters</i> , 2016 , 109, 102903	3.4	16
439	Evidence of ferroelectricity in ferrimagnetic \square Al ₂ O ₃ -type In _{0.25} Fe _{1.75} O ₃ films. <i>Applied Physics Letters</i> , 2016 , 109, 162901	3.4	14
438	Transmission of spin waves in ordered FeRh epitaxial thin films. <i>Applied Physics Letters</i> , 2016 , 108, 232403	3.4	3

437	High temperature stability of the dielectric and insulating properties of Ca(Ti, Zr)SiO ₅ ceramics. <i>Applied Physics Letters</i> , 2016 , 108, 062902	3.4	10
436	Crystal Isomers of ScFeO ₃ . <i>Crystal Growth and Design</i> , 2016 , 16, 5214-5222	3.5	20
435	Focus on advanced inorganic materials science: non-traditional concepts and approaches. <i>Science and Technology of Advanced Materials</i> , 2015 , 16, 020302	7.1	
434	Stacked ZnO nanorods synthesized by solution precipitation method and their photocatalytic activity study. <i>Journal of Sol-Gel Science and Technology</i> , 2015 , 74, 260-271	2.3	33
433	Lateral electric-field control of giant magnetoresistance in Co/Cu/Fe/BaTiO ₃ multiferroic heterostructure. <i>Applied Physics Letters</i> , 2015 , 107, 072903	3.4	5
432	Barkhausen-like antiferromagnetic to ferromagnetic phase transition driven by spin polarized current. <i>Applied Physics Letters</i> , 2015 , 107, 082408	3.4	11
431	Local Structure Studies of Ti for SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ by Advanced X-ray Absorption Spectroscopy Data Analysis. <i>Ferroelectrics</i> , 2015 , 485, 42-52	0.6	3
430	Electric-field switching of perpendicularly magnetized multilayers. <i>NPG Asia Materials</i> , 2015 , 7, e198-e198.3	0.3	52
429	Electric-field-temperature phase diagram of Mn-doped Bi _{0.5} (Na _{0.9} K _{0.1}) _{0.5} TiO ₃ ceramics. <i>Applied Physics Letters</i> , 2015 , 107, 262903	3.4	50
428	Strong anisotropy of ferroelectricity in lead-free bismuth silicate. <i>Nanoscale</i> , 2015 , 7, 11561-5	7.7	25
427	A ferromagnetic quantum critical point in heavy-fermion iron oxypnictide CeFe _{1-x} Cr _x PO. <i>Journal of Applied Physics</i> , 2015 , 117, 17E123	2.5	1
426	The role of ammonia hydroxide in the formation of ZnO hexagonal nanodisks using sol-gel technique and their photocatalytic study. <i>Journal of Experimental Nanoscience</i> , 2015 , 10, 1068-1081	1.9	18
425	Anisotropic magnetic behaviors of the spin-3/2 chain system LiCoV_2O_6 . <i>Journal of Magnetism and Magnetic Materials</i> , 2015 , 381, 263-266	2.8	6
424	Elastically controlled magnetic phase transition in Ga-FeRh/BaTiO ₃ (001) heterostructure. <i>Applied Physics Letters</i> , 2014 , 104, 022401	3.4	47
423	Ferroelectric quantum criticality. <i>Nature Physics</i> , 2014 , 10, 367-372	16.2	163
422	Perpendicularly magnetized spin filtering Cu/Ni multilayers. <i>Applied Physics Letters</i> , 2014 , 104, 032404	3.4	6
421	Structural phase transitions of robust insulating Bi _{1-x} La _x Fe _{1-y} Ti _y O ₃ multiferroics. <i>Journal of Applied Physics</i> , 2014 , 115, 123523	2.5	17
420	Crystal structures of the new fluorophosphates Li ₉ Mg ₃ [PO ₄] ₄ F ₃ and Li ₂ Mg[PO ₄]F and ionic conductivities of selected compositions. <i>Journal of Materials Chemistry A</i> , 2014 , 2, 5858	13	5

419	Epitaxial growth of metastable multiferroic AlFeO ₃ film on SrTiO ₃ (111) substrate. <i>Applied Physics Letters</i> , 2014 , 104, 082906	3.4	40
418	Single crystal flux growth of the Ising spin-chain system LiCoV_2O_6 . <i>Journal of Crystal Growth</i> , 2014 , 388, 103-106	1.6	8
417	Anisotropic magnetic behaviors of monoclinic Li ₃ Fe ₂ (PO ₄) ₃ . <i>Journal of Solid State Chemistry</i> , 2014 , 215, 189-192	3.3	4
416	Magnetic behaviors of Cu ₃ TeO ₆ with multiple spin lattices. <i>Journal of Magnetism and Magnetic Materials</i> , 2014 , 354, 146-150	2.8	12
415	Raman Tensor Analysis of Crystalline Lead Titanate by Quantitative Polarized Spectroscopy. <i>Ferroelectrics</i> , 2014 , 462, 8-13	0.6	18
414	Covalency-driven structural instability and spin-phonon coupling in barium cobalt oxychloride. <i>Physical Review B</i> , 2014 , 90,	3.3	4
413	Hierarchical dielectric orders in layered ferroelectrics Bi ₂ SiO ₅ . <i>IUCrJ</i> , 2014 , 1, 160-4	4.7	24
412	Controllable exchange bias in Fe/metamagnetic FeRh bilayers. <i>Applied Physics Letters</i> , 2014 , 105, 172401	3.4	20
411	Ferroelectricity in wurtzite structure simple chalcogenide. <i>Applied Physics Letters</i> , 2014 , 104, 242909	3.4	36
410	Photo-induced change of dielectric response in BaCoSiO ₄ stuffed tridymite. <i>Journal of Applied Physics</i> , 2014 , 115, 164103	2.5	13
409	Local structure studies of SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ . <i>Physica Scripta</i> , 2014 , 89, 044002	2.6	3
408	Structural Modification and Domain Structure in a BaTiO ₃ Film on (110) SrTiO ₃ . <i>Applied Physics Express</i> , 2013 , 6, 015803	2.4	11
407	51V-NMR study of the quasi-one-dimensional antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Journal of the Korean Physical Society</i> , 2013 , 63, 739-742	0.6	
406	Electric-voltage control of magnetism in Fe/BaTiO ₃ heterostructured multiferroics. <i>Journal of Applied Physics</i> , 2013 , 113, 17C701	2.5	10
405	Electric field driven variation in magnetoresistance of Co/Cu/Fe/BaTiO ₃ heterostructure. <i>Journal of Applied Physics</i> , 2013 , 113, 17C713	2.5	8
404	Phase diagram and piezoelectric response of (Ba _{1-x} Ca _x)(Zr _{1-y} Ti _y)O ₃ solid solution. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 425901	1.8	14
403	Ultrafast Real Space Dynamics of Photoexcited State in a Layered Perovskite-Type Spin Crossover Oxide La _{1.5} Sr _{0.5} CoO ₄ . <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 074721	1.5	8
402	Collapse of Magnetic Order of the Quasi One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ in Transverse Fields. <i>Journal of the Physical Society of Japan</i> , 2013 , 82, 033706	1.5	21

401	Comparative study of phase transitions in BaTiO ₃ thin films grown on (001)- and (110)-oriented SrTiO ₃ substrate. <i>Journal of Physics Condensed Matter</i> , 2013 , 25, 132001	1.8	20
400	Ferroelectricity driven by twisting of silicate tetrahedral chains. <i>Angewandte Chemie - International Edition</i> , 2013 , 52, 8088-92	16.4	50
399	Confocal micro-Raman imaging on 180°-domain structure in periodically poled stoichiometric LiNbO ₃ . <i>Journal of the Ceramic Society of Japan</i> , 2013 , 121, 579-582	1	2
398	Ferroelectricity Driven by Twisting of Silicate Tetrahedral Chains. <i>Angewandte Chemie</i> , 2013 , 125, 8246-8250	3.6	9
397	Unconventional Structure in BaTiO ₃ Thin Film Grown on (110)SrTiO ₃ Substrate. <i>Nihon Kessho Gakkaishi</i> , 2013 , 55, 290-295	0	
396	Fractal dynamics in a single crystal of a relaxor ferroelectric. <i>Physical Review Letters</i> , 2012 , 109, 197601	7.4	30
395	Ionic liquid-mediated epitaxy of high-quality C60 crystallites in a vacuum. <i>CrystEngComm</i> , 2012 , 14, 4939	3.3	21
394	Growth of KH ₂ PO ₄ Single Crystal with an Artificial Isotope Gradient. <i>Ferroelectrics</i> , 2012 , 440, 25-30	0.6	
393	Strain-induced reversible and irreversible magnetization switching in Fe/BaTiO ₃ heterostructures. <i>Journal of Applied Physics</i> , 2012 , 111, 033921	2.5	40
392	Origin of the dielectric response in Ba _{0.767} Ca _{0.233} TiO ₃ . <i>Applied Physics Letters</i> , 2012 , 100, 102908	3.4	13
391	Defect controlled room temperature ferromagnetism in Co-doped barium titanate nanocrystals. <i>Nanotechnology</i> , 2012 , 23, 025702	3.4	21
390	Improved multiferroic properties in Sm-doped BiFeO ₃ thin films deposited using chemical solution deposition method. <i>Journal of Applied Physics</i> , 2012 , 111, 102801	2.5	39
389	Raman Scattering Study on the Phase Transition Dynamics of Ferroelectric Oxides 2012 ,		1
388	51V NMR study of antiferromagnetic state and spin dynamics in quasi-one-dimensional BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2012 , 86,	3.3	10
387	Effect of Ca-Substitution on CdTiO ₃ Studied by Raman Scattering and First Principles Calculations. <i>Ferroelectrics</i> , 2012 , 426, 268-273	0.6	4
386	Origin of Ferroelectricity in Perovskite-Type Ferroelectric Oxides. <i>Nihon Kessho Gakkaishi</i> , 2012 , 54, 276-281		
385	Photoinduced Phase Transition in Pr _{0.5} Ca _{0.5} CoO ₃ Studied by Sequential Pulse Excitations. <i>Acta Physica Polonica A</i> , 2012 , 121, 369-371	0.6	2
384	Electrical and optical spin injection in ferromagnet/semiconductor heterostructures. <i>NPG Asia Materials</i> , 2011 , 3, 65-73	10.3	52

383	Effects of A-Site Ions on the Phase Transition Temperatures and Dielectric Properties of $(\text{Sr}_{1-x}\text{Na}_{0.5}\text{K}_{0.5})\text{NbO}_3$ Solid Solutions. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09ND10	1.4	10
382	Manipulation of magnetic coercivity of Fe film in Fe/BaTiO ₃ heterostructure by electric field. <i>Applied Physics Letters</i> , 2011 , 99, 102506	3.4	69
381	High-pressure synthesis and correlation between structure, magnetic, and dielectric properties in LiNbO(3)-type MnMO ₃ (M=Ti, Sn). <i>Inorganic Chemistry</i> , 2011 , 50, 6392-8	5.1	67
380	Clear correspondence between magnetoresistance and magnetization of epitaxially grown ordered FeRh thin films. <i>Journal of Applied Physics</i> , 2011 , 109, 07C717	2.5	29
379	First-principles calculations of lattice dynamics in CdTiO ₃ and CaTiO ₃ : Phase stability and ferroelectricity. <i>Physical Review B</i> , 2011 , 84,	3.3	47
378	New Ferroelectric Aurivillius Oxides: Incorporation of Sc ³⁺ in Stoichiometric Compositions. <i>Chemistry of Materials</i> , 2011 , 23, 129-131	9.6	17
377	Inversion of spin dependent photocurrent at Fe ₃ O ₄ /modulation doped GaAs heterointerfaces. <i>Journal of Applied Physics</i> , 2011 , 109, 07E105	2.5	2
376	Raman scattering study of the soft mode in Pb(Mg _{1/3} Nb _{2/3})O ₃ . <i>Journal of Raman Spectroscopy</i> , 2011 , 42, 706-714	2.3	50
375	Relaxor Behavior in a New Aurivillius Oxide $\text{Bi}_2\text{La}_{0.5}\text{Sr}_{0.5}\text{Nb}_{1.75}\text{Sc}_{0.25}\text{O}_9$. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, 5343-5346	2.3	2
374	Power-Law Quasielastic Light Scattering Observed in Relaxor Pb(Mg _{1/3} Nb _{2/3})O ₃ . <i>Ferroelectrics</i> , 2011 , 415, 24-28	0.6	6
373	Ferroelectric phase transitions in new Aurivillius oxides: $\text{Bi}_{2+2x}\text{Sr}_{1-x}\text{Nb}_2\text{Sc}_x\text{O}_9$. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10865		43
372	Switching of the symmetry of magnetic anisotropy in Fe/BaTiO ₃ heterostructures. <i>Applied Physics Letters</i> , 2011 , 99, 022501	3.4	50
371	Structure of Ferroelectric Silver Niobate AgNbO ₃ . <i>Chemistry of Materials</i> , 2011 , 23, 1643-1645	9.6	111
370	Spontaneous polarization estimation from the soft mode in strain-free epitaxial polar axis-oriented Pb(Zr,Ti)O ₃ thick films with tetragonal symmetry. <i>Applied Physics Letters</i> , 2011 , 98, 141914	3.4	21
369	Defect-induced magnetism: Test of dilute magnetism in Fe-doped hexagonal BaTiO ₃ single crystals. <i>Physical Review B</i> , 2011 , 83,	3.3	54
368	Growth of quantum paraelectric La _{1/2} Na _{1/2} TiO ₃ single crystals using optical floating zone technique. <i>Journal of Crystal Growth</i> , 2011 , 321, 36-39	1.6	2
367	Effect of spin polarized current on magnetic phase transition of ordered FeRh wires. <i>Journal of Applied Physics</i> , 2011 , 109, 07C911	2.5	25
366	Mechanism for suppression of ferroelectricity in $\text{Cd}_{1-x}\text{Ca}_x\text{TiO}_3$. <i>Physical Review B</i> , 2011 , 84,	3.3	33

365	Magnetic structure and spin dynamics of the quasi-one-dimensional spin-chain antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2011 , 83,	3.3	22
364	Acceleration of domain wall movement by photoirradiation in perovskite-type cobaltite. <i>Physical Review B</i> , 2011 , 83,	3.3	14
363	Elastic and anelastic properties of ferroelectric SrTi ₁₈ O ₃ in the kHz-MHz regime. <i>Physical Review Letters</i> , 2011 , 106, 105502	7.4	23
362	Ferroelectricity and electromechanical coupling in (1 - x)AgNbO ₃ -xNaNbO ₃ solid solutions. <i>Applied Physics Letters</i> , 2011 , 99, 012904	3.4	30
361	Ferroelectricity of Li-doped silver niobate (Ag, Li)NbO ₃ . <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 075901	1.8	19
360	High-throughput CW-IR laser deposition and laser microscope imaging of binary ionic liquids in vacuum. <i>Science and Technology of Advanced Materials</i> , 2011 , 12, 054204	7.1	2
359	Enhancement of Quantum Ferroelectricity in SrTi ₁₈ O ₃ Thin Film. <i>Applied Physics Express</i> , 2011 , 4, 091501	2.4	3
358	Diffusion Behavior of Oxygen and Dielectric Properties in the Hexagonal BaTiO ₃ . <i>Ferroelectrics</i> , 2011 , 415, 122-126	0.6	3
357	Novel Phase Transition Probed by Sound Velocity in Quasi-One-Dimensional Ising-Like Antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Journal of the Physical Society of Japan</i> , 2011 , 80, 033701	1.5	15
356	Effects of A-Site Ions on the Phase Transition Temperatures and Dielectric Properties of (1-x)(Na _{0.5} K _{0.5})NbO ₃ -xAZrO ₃ Solid Solutions. <i>Japanese Journal of Applied Physics</i> , 2011 , 50, 09ND10	1.4	33
355	Spin polarized electron transmission into GaAs quantum well across Fe ₃ O ₄ : Optical spin orientation analysis. <i>Applied Physics Letters</i> , 2010 , 97, 172509	3.4	3
354	Inversion of spin photocurrent due to resonant transmission. <i>Physical Review Letters</i> , 2010 , 105, 156601	7.4	10
353	Dielectric and soft-mode behaviors of AgTaO ₃ . <i>Physical Review B</i> , 2010 , 81,	3.3	8
352	Molecular beam deposition of nanoscale ionic liquids in ultrahigh vacuum. <i>ACS Nano</i> , 2010 , 4, 5946-52	16.7	37
351	Invariant lattice strain and polarization in BaTiO ₃ -CaTiO ₃ ferroelectric alloys. <i>Journal of Physics Condensed Matter</i> , 2010 , 22, 052204	1.8	33
350	Efficient spin injection into GaAs quantum well across Fe ₃ O ₄ spin filter. <i>Applied Physics Letters</i> , 2010 , 96, 102510	3.4	45
349	Phonon Dynamics in BiFeO ₃ Studied by Raman Scattering. <i>Ferroelectrics</i> , 2010 , 403, 187-190	0.6	6
348	Diffusion Behavior of Oxygen in the Hexagonal BaTiO ₃ Single Crystal Grown by FZ Method. <i>Ferroelectrics</i> , 2010 , 403, 225-229	0.6	2

347	Field Induced Lattice Deformation in a Quasi-One-Dimensional Antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 043706	1.5	5
346	Ferroelectricity in NaNbO ₃ : Revisited. <i>Ferroelectrics</i> , 2010 , 401, 51-55	0.6	17
345	Photo-Induced In-Gap States in SrTiO ₃ Probed by Photoemission Spectroscopy under Ultraviolet Illumination. <i>Journal of the Physical Society of Japan</i> , 2010 , 79, 044703	1.5	8
344	Universality in phase diagram of (K,Na)NbO ₃ -TiO ₃ solid solutions. <i>Applied Physics Letters</i> , 2009 , 95, 092905	3.4	46
343	Ferroelectricity triggered in the quantum paraelectric AgTaO ₃ by Li-substitution. <i>Applied Physics Letters</i> , 2009 , 95, 242904	3.4	8
342	Dielectric, ferroelectric, and piezoelectric behaviors of AgNbO ₃ -NbO ₃ solid solution. <i>Journal of Applied Physics</i> , 2009 , 106, 104104	2.5	36
341	Ultrasonic propagation of a metallic domain in Pr _{0.5} Ca _{0.5} CoO ₃ undergoing a photoinduced insulator-metal transition. <i>Physical Review Letters</i> , 2009 , 103, 027402	7.4	47
340	SINGLE STEP SYNTHESIS OF MAGNESIUM FERRITE NANOCRYSTALLITES AND SOME OF ITS CHARACTERISTICS. <i>International Journal of Nanoscience</i> , 2009 , 08, 87-91	0.6	2
339	Fabrication and Characterization of Niobate Piezoelectric Ceramics with Sintering Aids. <i>Ferroelectrics</i> , 2009 , 385, 6141-6148	0.6	3
338	Dielectric Properties of La Doped-Hexagonal BaTiO ₃ Single Crystal Grown by FZ Method. <i>Ferroelectrics</i> , 2009 , 378, 195-199	0.6	5
337	Stability of ferromagnetic state of epitaxially grown ordered FeRh thin films. <i>Journal of Applied Physics</i> , 2009 , 105, 07E501	2.5	58
336	Lattice distortion under an electric field in BaTiO ₃ piezoelectric single crystal. <i>Journal of Physics Condensed Matter</i> , 2009 , 21, 215903	1.8	37
335	Artificially controlled magnetic domain structures in ferromagnetic dots/ferroelectric heterostructures. <i>Journal of Applied Physics</i> , 2009 , 105, 07D901	2.5	24
334	Spin polarization of electrons injected from Fe into GaAs quantum well characterized using oblique Hanle effect. <i>Materials Research Society Symposia Proceedings</i> , 2009 , 1183, 49		
333	Low-Driving-Voltage Electroluminescence in Perovskite Films. <i>Advanced Materials</i> , 2009 , 21, 3699-3702	24	90
332	NMR study of the quasi-one-dimensional compound BaCo ₂ V ₂ O ₈ . <i>Solid State Communications</i> , 2009 , 149, 341-344	1.6	9
331	Tuning the orthorhombic-rhombohedral phase transition temperature in sodium potassium niobate by incorporating barium zirconate. <i>Physica Status Solidi - Rapid Research Letters</i> , 2009 , 3, 142-144	2.5	117
330	Synthesis and magnetic properties of Ba ₂ Mn ₂ Si ₂ O ₉ : the first example of S=2 spin-dimer with spin-singlet ground state. <i>Chemistry - an Asian Journal</i> , 2009 , 4, 1530-5	4.5	3

329	Comprehensive Structural Study of Glassy and Metastable Crystalline BaTi ₂ O ₅ . <i>Chemistry of Materials</i> , 2009 , 21, 259-263	9.6	55
328	Relaxor Pb(Mg(1/3)Nb(2/3))O ₃ : a ferroelectric with multiple inhomogeneities. <i>Physical Review Letters</i> , 2009 , 103, 207601	7.4	203
327	Soft-mode Dynamics in the Ferroelectric Phase Transition of Quantum Paraelectric SrTiO ₃ . <i>Ferroelectrics</i> , 2009 , 379, 168-176	0.6	5
326	Photoinduced insulator-metal transition in Pr _{0.5} Ca _{0.5} CoO ₃ as studied by femtosecond spectroscopy. <i>Journal of Physics: Conference Series</i> , 2009 , 148, 012019	0.3	2
325	Low temperature magnetism of the S = 1/2 quasi one-dimensional Ising-like antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Journal of Physics: Conference Series</i> , 2009 , 150, 042090	0.3	2
324	Origin of Giant Dielectric Response in Nonferroelectric CaCu ₃ Ti ₄ O ₁₂ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy. <i>Chemistry of Materials</i> , 2008 , 20, 1694-1698	9.6	71
323	Crystal growth and piezoelectricity of BaTiO ₃ -CaTiO ₃ solid solution. <i>Applied Physics Letters</i> , 2008 , 93, 012904	3.4	49
322	Anomalous phase diagram of ferroelectric (Ba,Ca)TiO ₃ single crystals with giant electromechanical response. <i>Physical Review Letters</i> , 2008 , 100, 227601	7.4	121
321	O17 and N93b NMR investigation of magnetoelectric effect in Pb(Fe _{1/2} Nb _{1/2})O ₃ . <i>Journal of Applied Physics</i> , 2008 , 104, 084105	2.5	16
320	Dielectric properties of SrTiO ₃ thin film prepared in a mixture of 18O ₂ and 16O ₂ gas. <i>Journal of Alloys and Compounds</i> , 2008 , 449, 48-51	5.7	5
319	Reply to Comment on "Origin of Giant Dielectric Response in Nonferroelectric CaCu ₃ Ti ₄ O ₁₂ : Inhomogeneous Conduction Nature Probed by Atomic Force Microscopy" <i>Chemistry of Materials</i> , 2008 , 20, 6286-6287	9.6	4
318	Ferroelectricity in Perovskite-Type Oxides. <i>Ferroelectrics</i> , 2008 , 369, 127-132	0.6	9
317	Positive and negative magnetodielectric effects in A-site ordered (BiMn ₃)Mn ₄ O ₁₂ perovskite. <i>Journal of the American Chemical Society</i> , 2008 , 130, 14948-9	16.4	56
316	Growth of La _{1-x} Sr _x CoO ₃ Single Crystals from KOH Melt and Their Magnetocrystalline Anisotropy. <i>Chemistry of Materials</i> , 2008 , 20, 5114-5118	9.6	4
315	Novel ordering of an S = 1/2 quasi-1d Ising-like antiferromagnet in magnetic field. <i>Physical Review Letters</i> , 2008 , 100, 057202	7.4	61
314	Temperature Evolution of the Optical Phonons in Pb(Ni _{1/3} Nb _{2/3})O ₃ Single Crystals Studied by Raman Scattering. <i>Ferroelectrics</i> , 2008 , 367, 67-72	0.6	4
313	Structure and dielectric properties of high-pressure perovskite-type oxyfluorides xKTiO ₂ F _{1-x} BaTiO ₃ . <i>Journal of Applied Physics</i> , 2008 , 104, 044101	2.5	14
312	Crossover of electron transmission mechanism and spin filtering effect at Fe/As(001) interfaces. <i>Journal of Applied Physics</i> , 2008 , 103, 07A702	2.5	13

311	Ferroelectric phase transition of Cd ₂ Nb ₂ O ₇ studied by Raman scattering. <i>Physical Review B</i> , 2008 , 77,	3.3	9
310	Piezoelectric properties of lithium modified silver niobate perovskite single crystals. <i>Applied Physics Letters</i> , 2008 , 92, 172905	3.4	37
309	17O quadrupole coupling and the origin of ferroelectricity in isotopically enriched BaTiO ₃ and SrTiO ₃ . <i>Journal of Physics Condensed Matter</i> , 2008 , 20, 085204	1.8	11
308	Direct observation of the soft mode in the paraelectric phase of PbTiO ₃ by confocal micro-Raman scattering. <i>Physical Review B</i> , 2008 , 78,	3.3	15
307	High temperature ferromagnetism in single crystalline dilute Fe-doped BaTiO ₃ . <i>Physical Review B</i> , 2008 , 77,	3.3	97
306	Longitudinal spin density wave order in a quasi-1D Ising-like quantum antiferromagnet. <i>Physical Review Letters</i> , 2008 , 101, 207201	7.4	40
305	Magnon-mediated thermal conductivity in the dimerized spin-gap compound BaCu ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2008 , 78,	3.3	3
304	Dynamics of the Ferroelectric Phase Transition in 18O-exchanged SrTiO ₃ Studied by Raman Scattering. <i>Ferroelectrics</i> , 2008 , 369, 3-9	0.6	1
303	Optically spin oriented electron transmission across fully epitaxial Fe ₃ O ₄ /GaAs(001) interfaces. <i>Journal of Applied Physics</i> , 2008 , 103, 07D705	2.5	8
302	Thermodynamic approach of spin-state excitations in LaCoO ₃ . <i>Journal of Thermal Analysis and Calorimetry</i> , 2008 , 92, 477-479	4.1	
301	Enhanced piezoelectricity around the tetragonal/orthorhombic morphotropic phase boundary in (Na,K)NbO ₃ -BaTiO ₃ solid solutions. <i>Journal of Electroceramics</i> , 2008 , 21, 263-266	1.5	46
300	Successive crystallization of ferroelectric-based BaTi ₂ O ₅ bulk glass studied by Raman scattering. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2008 , 148, 48-52	3.1	12
299	Martensitic-like transition in Mn ₂ V ₂ O ₇ single crystals. <i>Solid State Communications</i> , 2008 , 147, 138-140	1.6	12
298	Demonstration of Perfect Softening of the Slater-Type Ferroelectric Mode on SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2007 , 346, 20-24	0.6	6
297	Flux Growth and Magnetic Anomalies of Co ₃ V ₂ O ₈ Crystals. <i>Crystal Growth and Design</i> , 2007 , 7, 1055-1057	3.5	13
296	Magnetic properties of the quasi-one-dimensional system BaMn ₂ V ₂ O ₈ . <i>Solid State Communications</i> , 2007 , 141, 22-24	1.6	27
295	Two magnetic phase transitions in quasi-one-dimensional system SrCo ₂ V ₂ O ₈ . <i>Solid State Communications</i> , 2007 , 141, 667-670	1.6	8
294	Field-induced order-disorder transition in quasi-one-dimensional spin system PbCo ₂ V ₂ O ₈ . <i>Solid State Communications</i> , 2007 , 142, 404-406	1.6	3

293	Synthesis, structure and magnetic properties of new vanadate PbCo ₂ V ₂ O ₈ . <i>Journal of Solid State Chemistry</i> , 2007 , 180, 1770-1774	3.3	13
292	Surface ferromagnetism of LaCoO ₃ crystals. <i>Journal of Magnetism and Magnetic Materials</i> , 2007 , 310, 2172-2173	2.8	
291	In Situ Raman Scattering Study on Successive Crystallization of Bulk BaTi ₂ O ₅ Glass. <i>Ferroelectrics</i> , 2007 , 346, 156-161	0.6	4
290	Recent Topics on the Light Scattering Study of Ferroelectrics. <i>Ferroelectrics</i> , 2007 , 355, 3-12	0.6	2
289	Ferromagnetism at the surface of a LaCoO ₃ single crystal observed using scanning SQUID microscopy. <i>Physical Review B</i> , 2007 , 75,	3.3	36
288	Broad Doublet and Partially Softened Acoustic Mode in SrTiO ₃ . <i>Ferroelectrics</i> , 2007 , 355, 61-65	0.6	4
287	Electrical voltage manipulation of ferromagnetic microdomain structures in a ferromagnetic/ferroelectric hybrid structure. <i>Journal of Applied Physics</i> , 2007 , 101, 09F512	2.5	20
286	High Carrier Mobility Coupled with Quantum Paraelectric Fluctuation. <i>Ferroelectrics</i> , 2007 , 346, 10-15	0.6	4
285	Field-induced order-disorder transition in antiferromagnetic BaCo(2)V(2)O(8) driven by a softening of spinon excitation. <i>Physical Review Letters</i> , 2007 , 99, 087602	7.4	69
284	Critical soft-mode dynamics and unusual anticrossing in CdTiO ₃ studied by Raman scattering. <i>Physical Review B</i> , 2007 , 76,	3.3	17
283	Conductive Boundary Layer in CaCu ₃ Ti ₄ O ₁₂ with Giant-Dielectric-Response. <i>Ferroelectrics</i> , 2007 , 347, 140-144	0.6	7
282	Ideal soft mode-type quantum phase transition and phase coexistence at quantum critical point in 18O-exchanged SrTiO ₃ . <i>Physical Review Letters</i> , 2007 , 99, 017602	7.4	44
281	AgNbO ₃ : A lead-free material with large polarization and electromechanical response. <i>Applied Physics Letters</i> , 2007 , 90, 252907	3.4	160
280	Ferroelectricity of SrTiO ₃ Induced by Oxygen Isotope Exchange. <i>Structure and Bonding</i> , 2007 , 89-118	0.9	
279	Light Scattering Study of the Phase Transition in Quantum Paraelectric Strontium Titanate. <i>Journal of the Korean Physical Society</i> , 2007 , 51, 798	0.6	3
278	Broad Doublet Spectra Observed in Strontium Titanate. <i>Journal of the Korean Physical Society</i> , 2007 , 51, 819	0.6	4
277	Low-temperature magnetoresistance of layered cobalt oxides Na _x CoO ₂ . <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 863-864	2.8	18
276	A facile high-yield solvothermal route to tin phosphide Sn ₄ P ₃ . <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3756-3762	3.3	54

275	Anomaly of Acoustic Phonon Mode in Ferroelectric Phase Transition of SrTi18O3. <i>Ferroelectrics</i> , 2006 , 337, 161-167	0.6	5
274	Effects of Vacancies on the Dielectric and Piezoelectric Properties of (Na0.5K0.5)NbO3-SrTiO3 Solid Solution. <i>Ferroelectrics</i> , 2006 , 331, 135-139	0.6	8
273	Linear and Nonlinear Electric Susceptibility in the Quantum Domain State of SrTi18O3. <i>Ferroelectrics</i> , 2006 , 337, 13-17	0.6	4
272	Photoinduced Chirality in an Azobenzene Amorphous Copolymer Bearing Large Birefringent Moiety. <i>Japanese Journal of Applied Physics</i> , 2006 , 45, 451-455	1.4	18
271	Raman spectra of the ferroelectric phase of SrTi18O3: Symmetry and domains below Tc and the origin of the phase transition. <i>Physical Review B</i> , 2006 , 74,	3.3	38
270	Electronic properties of the metallic pyrochlore ruthenates Pb2Ru2O6.5 and Bi2Ru2O7. <i>Physical Review B</i> , 2006 , 73,	3.3	39
269	Antiferromagnetic-paramagnetic transitions in longitudinal and transverse magnetic fields in a SrCo2V2O8 crystal. <i>Physical Review B</i> , 2006 , 73,	3.3	27
268	Capacitance thermometer made of oxygen isotope-exchanged strontium titanate perovskite. <i>Applied Physics Letters</i> , 2006 , 88, 082906	3.4	6
267	Perfect softening of the ferroelectric mode in the isotope-exchanged strontium titanate of SrTi18O3 studied by light scattering. <i>Physical Review Letters</i> , 2006 , 96, 227602	7.4	75
266	Frequency Dependence of Dielectric Constant of Strontium Titanate Films with Single-Crystal-Like Behavior. <i>Ferroelectrics</i> , 2006 , 335, 45-50	0.6	3
265	Phase Diagram of the (Na0.5K0.5)NbO3-ATiO3 Solid Solution. <i>Ferroelectrics</i> , 2006 , 336, 39-46	0.6	23
264	Large magnetic anisotropy in the quasi-one-dimensional system BaCo2V2O8. <i>Applied Physics Letters</i> , 2006 , 88, 132504	3.4	33
263	Red photoluminescence in praseodymium-doped titanate perovskite films epitaxially grown by pulsed laser deposition. <i>Applied Physics Letters</i> , 2006 , 89, 261915	3.4	41
262	Capacitance Temperature Sensor Using Ferroelectric (Sr0.95Ca0.05)TiO3 Perovskite. <i>Ferroelectrics</i> , 2006 , 331, 141-145	0.6	5
261	Fabrication of BaTi2O5Glassâ€¦Ceramics with Unusual Dielectric Properties during Crystallization. <i>Chemistry of Materials</i> , 2006 , 18, 2169-2173	9.6	85
260	The Role of Lattice Defects in Oxides 2006 , 62-98		
259	Precursory Softening of Polar Mode in Isotope-Exchanged Paraelectric Strontium Titanate Studied by Raman Scattering. <i>Ferroelectrics</i> , 2006 , 337, 131-138	0.6	1
258	Dielectric Spectra of Relaxor Pb(Mg1/3Nb2/3)O3 Single Crystal. <i>Ferroelectrics</i> , 2006 , 339, 67-73	0.6	

257	High field magnetism of the quasi one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Journal of Physics: Conference Series</i> , 2006 , 51, 99-102	0.3	18
256	Direct observation of ferroelectricity in quasi-zero-dimensional barium titanate nanoparticles. <i>Small</i> , 2006 , 2, 1427-31	11	26
255	Capacitance thermometer using Ba _{1-x} Sr _x TiO ₃ solid solutions. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2006 , 203, 2546-2550	1.6	2
254	Metal-nonmetal transition in Ge doped spinel-type. <i>Physica B: Condensed Matter</i> , 2006 , 378-380, 1120-1121	1.2	1
253	Magnetic behavior and structural feature of quasi-one-dimensional BaCu ₂ V ₂ O ₈ crystal. <i>Journal of Magnetism and Magnetic Materials</i> , 2006 , 306, 277-280	2.8	5
252	Long-range antiferromagnetic ordering in Cu ₂ NiB ₂ O ₆ . <i>Journal of Solid State Chemistry</i> , 2006 , 179, 3937-3941	3.4	6
251	Growth behavior and surface feature of quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ crystal. <i>Journal of Crystal Growth</i> , 2006 , 289, 734-736	1.6	7
250	Crystal growth and magnetic properties of SrCo ₂ V ₂ O ₈ . <i>Journal of Crystal Growth</i> , 2006 , 293, 458-461	1.6	9
249	Crystal growth of Ni ₃ V ₂ O ₈ by flux method. <i>Journal of Crystal Growth</i> , 2006 , 297, 1-3	1.6	20
248	Structural investigations of migration pathways in lithium ion-conducting La _{2/3} Li _{1/3} TiO ₃ perovskites. <i>Solid State Ionics</i> , 2006 , 177, 3037-3044	3.3	63
247	Nonlinear and scaling properties of the dielectric response of SrTi ₁₈ O ₃ in the quantum paraelectric regime. <i>Physical Review B</i> , 2005 , 71,	3.3	28
246	Field-induced order-disorder transition in the quasi-one-dimensional anisotropic antiferromagnet BaCo ₂ V ₂ O ₈ . <i>Physical Review B</i> , 2005 , 72,	3.3	70
245	Unique Features of Strontium Titanate. <i>Ferroelectrics</i> , 2005 , 314, 7-18	0.6	18
244	Temperature Dependence of the Non-Linearity Coefficient of Strontium Titanate. <i>Ferroelectrics</i> , 2005 , 316, 59-64	0.6	3
243	Unusual Dielectric Relaxation in Lightly Doped n-Type Rhombohedral BaTi _{0.85} Zr _{0.15} O ₃ :Ta Ferroelectric Ceramics. <i>Chemistry of Materials</i> , 2005 , 17, 1711-1716	9.6	27
242	Central Peak in SrTi ₁₈ O ₃ Studied by Light Scattering. <i>Ferroelectrics</i> , 2005 , 314, 79-83	0.6	
241	Crystal structure and diffusion path in the fast lithium-ion conductor La _{0.62} Li _{0.16} TiO ₃ . <i>Journal of the American Chemical Society</i> , 2005 , 127, 3491-5	16.4	167
240	Crystal Growth and Magnetic Properties of BaCo ₂ V ₂ O ₈ . <i>Chemistry of Materials</i> , 2005 , 17, 2924-2926	9.6	66

239	Photoluminescence Properties of Pr-Doped (Ca,Sr,Ba)TiO ₃ . <i>Chemistry of Materials</i> , 2005 , 17, 3200-3204	9.6	135
238	Extrinsic origin of giant permittivity in hexagonal BaTiO ₃ single crystals: Contributions of interfacial layer and depletion layer. <i>Applied Physics Letters</i> , 2005 , 87, 252904	3.4	53
237	Crystal growth of large spin gap material BaCu ₂ V ₂ O ₈ by top-seeded method. <i>Journal of Crystal Growth</i> , 2005 , 274, 486-488	1.6	10
236	Preparation and thermoelectric properties of Cd ₃ As ₂ TeO ₆ (A = In, La, and Bi) ceramics. <i>Ceramics International</i> , 2005 , 31, 129-133	5.1	9
235	Simultaneous spin-state-insulator-metal transition in Pr _{0.5} Ca _{0.5} CoO ₃ . <i>Journal of Electron Spectroscopy and Related Phenomena</i> , 2005 , 144-147, 893-895	1.7	13
234	Capacitance temperature sensor using epitaxial SrTiO ₃ film with a single-crystal-like behavior. <i>Thin Solid Films</i> , 2005 , 486, 145-148	2.2	13
233	Predominant factors affecting the dielectric and piezoelectric properties of bismuth-containing complex perovskite solid solution. <i>Solid State Communications</i> , 2005 , 134, 791-795	1.6	8
232	Influence of a degraded SrTiO ₃ layer at the YBa ₂ Cu ₃ O _{7-x} /SrTiO ₃ interface on the dielectric behavior at cryogenic temperature. <i>Cryogenics</i> , 2005 , 45, 300-303	1.8	
231	Transport properties of Fe _{1-x} Mn _x Cr ₂ S ₄ . <i>Physica B: Condensed Matter</i> , 2005 , 359-361, 1207-1209	2.8	1
230	Phase diagram and enhanced piezoelectricity in the strontium titanate doped potassium-sodium niobate solid solution. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005 , 202, R57-R59	1.6	123
229	Large dielectric constant arising from space-charge polarization in a SrTiO ₃ thin film grown on an YBa ₂ Cu ₃ O _{7-x} layer. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2005 , 202, R152-R154	1.6	5
228	Dielectric anomalies in Pb _{0.7} (1-x)Ca _{0.7x} La _{0.2} TiO ₃ . <i>Applied Physics Letters</i> , 2005 , 87, 072904	3.4	
227	Low-temperature phase of SrTiO ₃ . <i>Applied Physics Letters</i> , 2005 , 87, 032901	3.4	3
226	Order-disorder component in the phase transition mechanism of 18O enriched strontium titanate. <i>Physical Review Letters</i> , 2005 , 94, 147601	7.4	87
225	Thermodynamical analysis of spin-state transitions in LaCoO ₃ : Negative energy of mixing to assist thermal excitation to the high-spin excited state. <i>Physical Review B</i> , 2005 , 71,	3.3	72
224	Sr ⁸⁷ NMR of phase transitions in SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ . <i>Physical Review B</i> , 2005 , 72,	3.3	14
223	NMR study of disorder in BaTiO ₃ and SrTiO ₃ . <i>Physical Review B</i> , 2005 , 71,	3.3	126
222	Isotope effect on the soft-mode dynamics of SrTiO ₃ studied by Raman scattering. <i>Physical Review B</i> , 2005 , 72,	3.3	31

221	Structure and Dielectric Behavior of Epitaxially Grown SrTiO ₃ Film between YBa ₂ Cu ₃ O _{7-δ} Electrodes. <i>Japanese Journal of Applied Physics</i> , 2004 , 43, L170-L172	1.4	8
220	BaCu ₂ V ₂ O ₈ : Quasi-one-dimensional alternating chain compound with a large spin gap. <i>Physical Review B</i> , 2004 , 69,	3.3	55
219	First-principles study of electronic and magnetic structure in layered cobaltite Na _{0.75} CoO ₂ . <i>Journal of Applied Physics</i> , 2004 , 95, 6831-6833	2.5	13
218	Electric-field-induced ferroelastic single domain of SrTiO ₃ . <i>Applied Physics Letters</i> , 2004 , 85, 5328-5330	3.4	10
217	Spin-glass behavior in the ordered ribbon borate Cu ₂ CoB ₂ O ₆ . <i>Physical Review B</i> , 2004 , 70,	3.3	3
216	Polar Order in Quantum Paraelectric SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ at Low Temperature. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 1139-1142	1.5	28
215	Electric, magnetic, and calorimetric properties and phase diagram of Pr _{1-x} CaxCoO ₃ (0. <i>Physical Review B</i> , 2004 , 69,	3.3	91
214	Photoinduced Phenomena in Quantum Paraelectric Oxides by Ultraviolet Laser Irradiation. <i>Ferroelectrics</i> , 2004 , 298, 317-323	0.6	16
213	Magnetoresistance in spinel-type Mg _x Cu _{1-x} Cr ₂ S ₄ . <i>Solid State Communications</i> , 2004 , 132, 247-251	1.6	8
212	Phase transition and random-field induced domain wall response in quantum ferroelectrics SrTi ₁₈ O ₃ : review and perspective. <i>Science and Technology of Advanced Materials</i> , 2004 , 5, 417-423	7.1	15
211	Correlation between Magnetic Properties and Mn/Co Atomic Order in LaMn _{0.5} Co _{0.5} O _{3+x} . 2. Magnetic and Calorimetric Properties. <i>Chemistry of Materials</i> , 2004 , 16, 179-184	9.6	21
210	Pressure as a probe of the physics of 18O-substituted SrTiO ₃ . <i>Physical Review B</i> , 2004 , 69,	3.3	29
209	Giant Dielectric Constant of Hexagonal BaTiO ₃ Crystal Grown by Containerless Processing. <i>Chemistry of Materials</i> , 2004 , 16, 3973-3975	9.6	55
208	Phonon-Polariton Dispersion Relation of SrTi(18O x 16O _{1-x}) ₃ . <i>Ferroelectrics</i> , 2004 , 304, 63-70	0.6	
207	Light Scattering Studies of Soft Mode in SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2004 , 304, 71-76	0.6	2
206	Birefringence Study of Ferroelectric Ordering in Oxygen Isotope Exchanged System SrTi(16O _{1-x} 18O _x) ₃ . <i>Ferroelectrics</i> , 2004 , 304, 77-82	0.6	5
205	Proportional relation between magnetoresistance and entropy suppression due to magnetic field in metallic ferromagnets. <i>Physical Review B</i> , 2004 , 69,	3.3	31
204	Giant Photoconductivity in Quantum Paraelectric Oxides. <i>Ferroelectrics</i> , 2004 , 298, 141-143	0.6	5

203	Quantum Phase Transition and Dielectric Domain Wall Response of SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2004 , 298, 163-169	0.6	13
202	Effect of Oxygen Isotope Exchange on Ferroelectric Microregion in SrTiO ₃ Studied by Raman Scattering. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 3262-3265	1.5	12
201	Isotope Effect on Photoconductivity in Quantum Paraelectric SrTiO ₃ . <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 1635-1638	1.5	26
200	Evaluation of the Multidomain State in SrTi ₁₈ O ₃ by Optical Birefringence. <i>Journal of the Physical Society of Japan</i> , 2004 , 73, 1377-1378	1.5	7
199	Raman Spectra of Ferroelectric Soft Mode in SrTiO ₃ : Effect of Electric Field. <i>Ferroelectrics</i> , 2003 , 285, 41-48	0.6	12
198	Pressure As A Probe Of The Physics Of Compositionally-Substituted Quantum Paraelectrics: SrTiO ₃ . <i>AIP Conference Proceedings</i> , 2003 ,	0	1
197	Disorder in BaTiO ₃ and SrTiO ₃ and the "Ferroelectric" Transition in SrTi ₁₈ O ₃ . <i>AIP Conference Proceedings</i> , 2003 ,	0	3
196	Dielectric Properties of Spark-Plasma-Sintered (Na _{0.5} K _{0.5})NbO ₃ -PbTiO ₃ Ceramics. <i>Ferroelectrics</i> , 2003 , 286, 93-99	0.6	6
195	Dielectric Enhancement in Quantum Paraelectric SrTiO ₃ by UV Laser Irradiation under DC Electric Field. <i>Ferroelectrics</i> , 2003 , 286, 3-8	0.6	9
194	Structure, magnetic and thermal properties of Gd ₂ MnTiO ₆ . <i>Materials Chemistry and Physics</i> , 2003 , 80, 676-681	4.4	6
193	Correlation between Magnetic Properties and Mn/Co Atomic Order in LaMn _{0.5} Co _{0.5} O ₃ + δ I. Second-Order Nature in Mn/Co Atomic Ordering and Valence State. <i>Chemistry of Materials</i> , 2003 , 15, 4798-4803	9.6	43
192	Valence and spin state of Co and Ni ions and their relation to metallicity and ferromagnetism in LaCo _{0.5} Ni _{0.5} O ₃ . <i>Physical Review B</i> , 2003 , 68,	3.3	31
191	SHG Microscopic Studies on Low Temperature Phase Transitions of SrTi ₁₆ O ₃ and SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2003 , 285, 19-26	0.6	7
190	Negative cooperative effect on the spin-state excitation in LaCoO ₃ . <i>Physical Review B</i> , 2003 , 67,	3.3	74
189	Dielectric Properties of SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2003 , 285, 3-17	0.6	5
188	Light Scattering Study in Ferroelectric SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2003 , 285, 27-31	0.6	3
187	Nonlinear susceptibility and phase transition in SrTi ₁₈ O ₃ . <i>Physical Review B</i> , 2003 , 67,	3.3	21
186	Impulsive Stimulated Raman Scattering of SrTi(18 O x 16 O 1 \hat{x}) 3. <i>Ferroelectrics</i> , 2003 , 285, 33-39	0.6	3

- 185 Effects of Isotopic Substitution in SrTiO₃ Studied by Brillouin Scattering. *Ferroelectrics*, **2003**, 285, 49-55.
- 184 A Gigantic Photoinduced Dielectric Constant of Quantum Paraelectric Perovskite Oxides Observed under a Weak DC Electric Field. *Journal of the Physical Society of Japan*, **2003**, 72, 37-40 1.5 100
- 183 Universal Relation between Oxygen Mass and T_{cin} in SrTiO₃. *Journal of the Physical Society of Japan*, **2003**, 72, 1310-1311 1.5 13
- 182 Ferroelectric Phase Transition in CdTiO₃ Single Crystal. *Ferroelectrics*, **2003**, 284, 107-112 0.6 16
- 181 Preparation of parallel capacitor of epitaxial SrTiO₃ film with a single-crystal-like behavior. *Applied Physics Letters*, **2003**, 83, 2883-2885 3.4 25
- 180 Magnetic property and electronic structure of itinerant PdxCo_{1-x}O₂ magnets. *Journal of Applied Physics*, **2003**, 93, 7258-7260 2.5 10
- 179 Dynamical mechanism of the ferroelectric phase transition of SrTi₁₋₈O₃ studied by light scattering. *Physical Review B*, **2003**, 68, 3.3 18
- 178 Calorimetric study of La_{1-x}Sr_xCoO₃ (0. *Physical Review B*, **2003**, 67, 3.3 25
- 177 Crystal Structure of a Lithium Ion-Conducting Perovskite La_{2/3}Li_{1/3}TiO₃ (x=0.05). *Journal of Solid State Chemistry*, **2002**, 166, 67-72 3.3 109
- 176 Magnetic anomalies in Na_xCoO₂ (x=0.75). *Physica B: Condensed Matter*, **2002**, 312-313, 719-720 2.8 14
- 175 Magnetism of novel layered cobalt oxysulfide Sr₂Cu₂CoO₂S₂ with strongly correlated CoO₂ square-planes. *Physica B: Condensed Matter*, **2002**, 312-313, 630-631 2.8 6
- 174 Brillouin and Raman scattering study of the isotopically induced ferroelectric phase transition of SrTi₁₋₈O₃. *Physica B: Condensed Matter*, **2002**, 316-317, 596-599 2.8 10
- 173 Influence of Covalent Character on High Li Ion Conductivity in a Perovskite-Type Li Ion Conductor: Prediction from a Molecular Dynamics Simulation of La_{0.6}Li_{0.2}TiO₃. *Chemistry of Materials*, **2002**, 14, 3930-3936 9.6 47
- 172 Simultaneous metal-insulator and spin-state transitions in Pr_{0.5}Ca_{0.5}CoO₃. *Physical Review B*, **2002**, 66, 3.3 125
- 171 Magnetic and electronic nature of layered manganese oxysulfide Sr₂CuMnO₃S. *Journal of Applied Physics*, **2002**, 91, 8864 2.5 14
- 170 Calorimetric and structural studies of La_{1-x}Y_xAlO₃ and Y_{1-x}Lu_xAlO₃ crystals. *Magyar Árvad Kélemlék*, **2002**, 69, 813-819 0 9
- 169 Thermodynamics and kinetics of steam splitting over a potassium aluminosilicate electrolyte. *Magyar Árvad Kélemlék*, **2002**, 70, 329-336 0 4
- 168 Phase transition and random-field induced domain wall response of SrTiO₃. *European Physical Journal B*, **2002**, 28, 163-171 1.2 18

167	Ferroelectric Phase Transition in Perovskite Oxide CdTiO ₃ . <i>Ferroelectrics</i> , 2002 , 270, 381-386	0.6	16
166	Brillouin-scattering study of the broad doublet in isotopically exchanged SrTiO ₃ . <i>Physical Review B</i> , 2002 , 65,	3.3	12
165	Raman Spectra in Ferroelectric SrTi ₁₈ O ₃ . <i>Ferroelectrics</i> , 2002 , 272, 155-160	0.6	15
164	Brillouin Scattering Study of Ferroelectric SrTi ₁₈ O ₃ (1-x)TiO ₃ . <i>Ferroelectrics</i> , 2002 , 272, 39-44	0.6	5
163	Investigation of Isotope Effect of Lithium Ion Conductivity in (La, Li)TiO ₃ Single Crystal. <i>Electrochemical and Solid-State Letters</i> , 2002 , 5, A131		5
162	Piezoelectric Properties of Spark-Plasma-Sintered (Na _{0.5} K _{0.5})NbO ₃ -PbTiO ₃ Ceramics. <i>Japanese Journal of Applied Physics</i> , 2002 , 41, 7119-7122	1.4	124
161	Crossover between Ferroelectric and Quantum Paraelectric in SrTiO ₃ both by Isotopic Substitution and Hydrostatic Pressure. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 718, 1		2
160	Large tunability driven by low electric field in oxygen-isotope-exchanged strontium titanate at cryogenic temperatures. <i>Applied Physics Letters</i> , 2002 , 80, 2964-2966	3.4	7
159	New n-Type Thermoelectric Oxide, Cd ₃ TeO ₆ . <i>Japanese Journal of Applied Physics</i> , 2002 , 41, L780-L782	1.4	15
158	Isotopically Induced Ferroelectric Phase Transition in SrTi ₁₈ O ₃ Studied by Brillouin and Raman Scattering. <i>Ferroelectrics</i> , 2002 , 266, 489-499	0.6	1
157	Second-harmonic study of polar symmetry and domain structure in SrTi ₁₈ O ₃ . <i>Applied Physics Letters</i> , 2002 , 81, 3022-3024	3.4	23
156	Isotopically Induced Ferroelectric Phase Transition in SrTi ₁₈ O ₃ Studied by Brillouin and Raman Scattering. <i>Ferroelectrics</i> , 2002 , 266, 153-163	0.6	
155	Soft-phonon Dynamics in the Isotopically Induced Ferroelectric Phase Transition of Strontium Titanate. <i>Materials Research Society Symposia Proceedings</i> , 2002 , 718, 1		3
154	Soft Mode of SrTi ₁₈ O ₃ ×16O ₃ (1-x) Studied by Raman Scattering. <i>Journal of the Physical Society of Japan</i> , 2002 , 71, 1254-1256	1.5	8
153	Ferroelectricity-evoking mass-inequality parameter for perovskite titanates ATiO ₃ . <i>Ferroelectrics</i> , 2001 , 259, 91-96	0.6	5
152	Dielectric properties and phase transition mechanisms in Sr _{1-x} BaxTiO ₃ solid solution at low doping concentration. <i>Materials Research Bulletin</i> , 2001 , 36, 1693-1701	5.1	45
151	Powder X-ray diffraction study of ferroelectric phase transition in perovskite oxide CdTiO ₃ . <i>Ferroelectrics</i> , 2001 , 259, 85-90	0.6	9
150	Effects of A-site ion size mismatch on dielectric properties of SrTiO ₃ . <i>Ferroelectrics</i> , 2001 , 262, 131-136	0.6	1

- 149 Dielectric anomalies in oxygen-isotope exchanged SrTiO₃ single crystals. *Ferroelectrics*, **2001**, 262, 125-130 9
- 148 Synthesis and dielectric properties of a perovskite Bi_{1/2}Ag_{1/2}TiO₃. *Ferroelectrics*, **2001**, 264, 127-132 0.6 14
- 147 Birefringence Study of Ferroelectric Ordering in Oxygen Isotope Exchanged Systems SrTi(16O_{1-x}18O)₃. *Journal of the Physical Society of Japan*, **2001**, 70, 3213-3216 1.5 28
- 146 Suppression of the quantum fluctuation in 18O-enriched strontium titanate. *Physical Review B*, **2001**, 64, 3-3 58
- 145 Light scattering study of the ferroelectric phase transition in SrTi18O₃. *Physical Review B*, **2001**, 63, 3-3 16
- 144 Ferroelectric phase transition of SrTi18O₃ studied by brillouin scattering. *Ferroelectrics*, **2001**, 261, 213-218 7
- 143 Calorimetric study of ferroelectromagnetic crystals, YMnO₃, ErMnO₃, and LuMnO₃. *Ferroelectrics*, **2001**, 264, 223-228 0.6
- 142 Raman Scattering Study of SrTi18O₃. *Journal of the Physical Society of Japan*, **2001**, 70, 648-651 1.5 24
- 141 Predominant factors for quantum paraelectric-quantum ferroelectric transition in SrTiO₃-based oxides. *Physica B: Condensed Matter*, **2000**, 284-288, 1141-1142 2.8 6
- 140 Structure and magnetic properties of Sr₂NiAO₆ (A = W, Te). *Materials Research Bulletin*, **2000**, 35, 449-457.1 43
- 139 Lithium Ion Conductivity in A-site Deficient Perovskites Sr_{0.5}La_{0.05}Li_{0.35}?0.1Ti_{0.5}Ta_{0.5}O₃ and Sr_{0.35}La_{0.15}Li_{0.35}?0.15Ti_{0.5}Ta_{0.5}O₃. *Electrochemistry*, **2000**, 68, 534-536 1.2 5
- 138 Domain state properties of SrTi(16O_{1-x}18O)₃ single crystals. *Physical Review B*, **2000**, 62, R731-R734 3-3 32
- 137 Quantum ferroelectricity in SrTiO₃ induced by oxygen isotope exchange. *Applied Physics Letters*, **2000**, 76, 221-223 3-4 65
- 136 Effects of pressure on the dielectric properties of SrTi18O₃ and SrTi16O₃ single crystals. *Physical Review B*, **2000**, 62, R3577-R3580 3-3 23
- 135 Quantum paraelectric La_{1/2}Na_{1/2}TiO₃ films as capacitor dielectrics for temperature- and electric-field-insensitive applications. *Journal of Applied Physics*, **2000**, 88, 3756-3758 2.5 11
- 134 Ferroelectricity Induced by Oxygen Isotope Exchange in Strontium Titanate Perovskite. *Physical Review Letters*, **1999**, 82, 3540-3543 7-4 456
- 133 Calorimetric study of an electrochemically oxidized crystal of La₂CuO_{4.05}: Stabilization phenomenon, phase transitions, and a glass transition due to freezing-in of the rearrangement of excess oxygen atoms. *Physical Review B*, **1999**, 60, 6821-6826 3-3 4
- 132 Phase diagram and effect of excess oxygen atoms on the spin and charge ordering in La₂NiO_{4+δ} crystals. *Physical Review B*, **1999**, 60, 14841-14846 3-3 3

131	Role of size mismatch of A-site cations on the first-order transition in manganates. <i>Physical Review B</i> , 1999 , 60, 2994-2997	3-3	24
130	Electrochemical recovery and isotope separation of lithium ion employing lithium ion conductive perovskite-type oxides. <i>Solid State Ionics</i> , 1999 , 122, 35-39	3-3	16
129	Giant Oxygen Isotope Effect in Charge-Ordered Manganese Perovskites. <i>Journal of Solid State Chemistry</i> , 1999 , 144, 232-235	3-3	7
128	Crystal Structure and Magnetic Properties of B-Site Ordered Perovskite-type Oxides $A_2CuB_2O_6$ ($A=Ba, Sr$; $B=W, Te$). <i>Journal of Solid State Chemistry</i> , 1999 , 147, 291-295	3-3	67
127	Order-disorder phase transitions of excess oxygen atoms and their appearance as eutectoid and peritectoid reactions in $La_2NiO_{4+\delta}$ ($\delta=0.047\text{--}0.116$) crystals. <i>Physical Review B</i> , 1999 , 60, 815-821	3-3	6
126	Hydrostatic-pressure-induced magnetic structure transformation in polycrystalline $La_{0.5}Ca_{0.5}MnO_3$ ($\delta=0.01$). <i>Physical Review B</i> , 1999 , 60, 14513-14516	3-3	15
125	Step-flow growth of $SrTiO_3$ thin films with a dielectric constant exceeding 104. <i>Applied Physics Letters</i> , 1999 , 74, 3543-3545	3-4	83
124	Synthesis of dielectric perovskite titanate $La_{0.54(9)}Ag_{0.3(1)}TiO_{2.98(9)}$. <i>Ferroelectrics</i> , 1999 , 231, 267-272.	3-4	6
123	Investigation of Lattice Effects in Rare Earth Manganites by ^{18}O -isotope Exchange. <i>Australian Journal of Physics</i> , 1999 , 52, 235		4
122	Chemical pressure control of the spin-valve magnetoresistance in $La_{1.4}Sr_{1.6}Mn_2O_7$. <i>Physical Review B</i> , 1999 , 59, 8789-8794	3-3	20
121	Molecular Dynamics Simulation of the High Lithium Ion Conductor, $La_{0.6}Li_{0.2}TiO_3$. <i>Journal of the Ceramic Society of Japan</i> , 1999 , 107, 615-621		23
120	The cause of high-temperature quantum paraelectricity in some perovskite titanates. <i>Solid State Ionics</i> , 1998 , 108, 53-58	3-3	11
119	Preparation and dielectric characterizations of the novel perovskite-type oxides $(Ln_{1/2}Na_{1/2})TiO_3$ ($Ln=Dy, Ho, Er, Tm, Yb, Lu$). <i>Solid State Ionics</i> , 1998 , 108, 123-128	3-3	30
118	Molecular dynamics simulation in $SrTiO_3$. <i>Solid State Ionics</i> , 1998 , 108, 175-178	3-3	19
117	The effect of oxygen stoichiometry on the structure, magnetism and electron transport properties of the rare earth manganates exhibiting charge ordering. <i>Solid State Ionics</i> , 1998 , 108, 201-208	3-3	10
116	Hydrostatic pressure effects on resistivity and N^{el} temperature of the ordered perovskite oxide $Ba_2(FeMo)O_6$. <i>Solid State Ionics</i> , 1998 , 108, 269-273	3-3	4
115	New perovskite-type lithium ion conductors, $La_{1-x}M_xLi_{1-x}NbO_3$ ($M=Ag$ and Na). <i>Solid State Ionics</i> , 1998 , 113-115, 465-469	3-3	11
114	Transformation of the Defective Layered Structure into the Three-Dimensional Perovskite Structure under High Pressure. <i>Chemistry of Materials</i> , 1998 , 10, 2317-2319	9.6	3

113	Dielectric Behavior of (1-x)LaAlO ₃ -xSrTiO ₃ Solid Solution System at Microwave Frequencies. <i>Japanese Journal of Applied Physics</i> , 1998 , 37, 5625-5629	1.4	63
112	Pressure dependence of resistivity and magnetoresistivity in layered manganates (La,Sr) ₃ Mn ₂ O ₇ . <i>Physical Review B</i> , 1998 , 57, 104-107	3.3	13
111	The study on the dielectric property and structure of perovskite titanate CdTiO ₃ . <i>Ferroelectrics</i> , 1998 , 217, 137-145	0.6	18
110	Discrimination of ferroelectrics from quantum paraelectrics among perovskite titanates ATiO ₃ AND (A ^{1/2} A ^{1/2}) TiO ₃ . <i>Ferroelectrics</i> , 1998 , 219, 71-81	0.6	15
109	The behavior of high temperature quantum paraelectricity in some perovskite titanates. <i>Ferroelectrics</i> , 1998 , 218, 161-167	0.6	3
108	New Perovskite Oxide (Ti _{1/2} Na _{1/2})TiO ₃ . <i>Materials Research Society Symposia Proceedings</i> , 1998 , 547, 105		2
107	Magnetic Properties of 8H-Type Hexagonal Ba(Na _{1/4} Ru _{3/4})O ₃ . <i>Bulletin of the Chemical Society of Japan</i> , 1998 , 71, 2247-2251	5.1	4
106	Structural phase transitions of a successive type and the two-dimensional nature of the antiferromagnetic ordering in single crystal. <i>Journal of Physics Condensed Matter</i> , 1997 , 9, 1841-1850	1.8	4
105	High temperature quantum paraelectricity in perovskite-type titanates Ln _{1/2} Na _{1/2} TiO ₃ (Ln = La, Pr, Nd, Sm, Eu, Gd and Tb). <i>Ferroelectrics</i> , 1997 , 200, 93-107	0.6	50
104	Lithium Ion Conductivity in a Perovskite Lanthanum Lithium Titanate Single Crystal. <i>Journal of the Ceramic Society of Japan</i> , 1997 , 105, 548-550		31
103	On the perovskite-related materials of high dielectric permittivity with small temperature dependence and low dielectric loss. <i>Ferroelectrics</i> , 1997 , 196, 205-209	0.6	27
102	Annealing and pressure effects on structural and ferromagnetic transitions of La _{0.85} Sr _{0.15} MnO ₃ single crystals. <i>Physical Review B</i> , 1997 , 55, 14408-14412	3.3	46
101	Compressibility and pressure dependence of charge transfer and T _c in pristine and iodine-intercalated single crystals of Bi _{2.2} Sr _{1.8} CaCu ₂ O _{8+δ} . <i>Physica C: Superconductivity and Its Applications</i> , 1997 , 281, 45-54	1.3	4
100	EFFECT OF SUBSTITUTION AND PRESSURE ON LITHIUM ION CONDUCTIVITY IN PEROVSKITES Ln _{1/2} Li _{1/2} TiO ₃ (Ln = La, Pr, Nd AND Sm). <i>Journal of Physics and Chemistry of Solids</i> , 1997 , 58, 843-852	3.9	40
99	Effect of Hydrostatic Pressure (â2 GPa) on the Transport Properties in Perovskite-Type Oxides. <i>Materials Research Society Symposia Proceedings</i> , 1996 , 453, 411		
98	Predominant Factors of Lithium Ion Conductivity in Perovskite-Type Oxides. <i>Materials Research Society Symposia Proceedings</i> , 1996 , 453, 623		8
97	Structure and magnetic properties of new potassium-nickel fluoride-type strontium lanthanum magnesium ruthenium oxide. <i>Materials Research Bulletin</i> , 1996 , 31, 1179-1187	5.1	2
96	Structure and Ionic Conductivity of NaLnTiO ₄ ; Comparison with Those of Na ₂ Ln ₂ Ti ₃ O ₁₀ (Ln= La, Nd, Sm, and Gd). <i>Journal of Solid State Chemistry</i> , 1996 , 121, 430-436	3.3	48

95	Magnetic and Electrical Properties of $\text{La}_{1-x}\text{Mn}_x\text{WO}_3$ (A= Na, K, Rb, and Sr) with Perovskite-Type Structure. <i>Journal of Solid State Chemistry</i> , 1996 , 124, 250-263	3.3	112
94	Control of ferromagnetic transition temperature of $\text{La}_x\text{Mn}_{1-x}\text{O}_3$ by lithium insertion. <i>Solid State Communications</i> , 1996 , 97, 179-182	1.6	5
93	Influences of carrier concentration and site percolation on lithium ion conductivity in perovskite-type oxides. <i>Solid State Ionics</i> , 1996 , 86-88, 257-260	3.3	105
92	Influence of site percolation and local distortion on lithium ion conductivity in perovskite-type oxides $\text{La}_{0.55}\text{Li}_{0.35}\text{K}_x\text{TiO}_3$ and $\text{La}_{0.55}\text{Li}_{0.35}\text{TiO}_3\text{-KMO}_3$ (M = Nb and Ta). <i>Solid State Ionics</i> , 1996 , 86-88, 165-169	3.3	30
91	Reactive sintering for oriented and connected Bi-2223 superconductive oxides from a mixture of delaminated Bi-2212 and fine powdered supplemental ingredients. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 270, 297-304	1.3	4
90	Hall coefficient and resistivity measurements for oxygen-dashed annealed $\text{Bi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+y}$ single crystals under pressure. <i>Physica C: Superconductivity and Its Applications</i> , 1996 , 271, 103-110	1.3	1
89	Valency pair and properties of 1:1 ordered perovskite-type compounds Sr_2MMoO_6 (M = Mn, Fe, Co). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996 , 41, 55-58	3.1	111
88	Cooperative interaction of oxygen octahedra for dielectric properties in the perovskite-related layered compounds $\text{Sr}_{n+1}\text{Ti}_n\text{O}_{3n+1}$, $\text{Ca}_{n+1}\text{Ti}_n\text{O}_{3n+1}$ and $\text{Sr}_{n+1}(\text{Ti}_{0.5}\text{Sn}_{0.5})_n\text{O}_{3n+1}$ (n = 1, 2, 3 and ∞). <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 1996 , 41, 50-54	3.1	19
87	Effect of oxygen content on the anomalies at successive phase transitions of $\text{La}_2\text{CuO}_{4+\delta}$ single crystal below 320 K. <i>Physical Review B</i> , 1996 , 54, 7455-7461	3.3	12
86	Electrical properties of BaSnO_3 in substitution of antimony for tin and lanthanum for barium. <i>Journal of Materials Science</i> , 1995 , 30, 1556-1560	4.3	34
85	Microwave Characteristics of BaO-TiO ₂ Ceramics Prepared via a Citrate Route. <i>Journal of the American Ceramic Society</i> , 1995 , 78, 1169-1172	3.8	78
84	Lithium ion conductivity in the perovskite-type $\text{LiTaO}_3\text{-SrTiO}_3$ solid solution. <i>Solid State Ionics</i> , 1995 , 79, 91-97	3.3	65
83	The effect of electrostatic potentials on lithium insertion for perovskite oxides. <i>Solid State Ionics</i> , 1995 , 79, 245-251	3.3	19
82	Dielectric properties of a-site deficient perovskite-type lanthanum-calcium-titanium oxide solid solution system $\text{La}_{1-x}\text{Ca}_x\text{TiO}_3$. <i>Materials Research Bulletin</i> , 1995 , 30, 307-316	5.1	109
81	Emergence of two superconducting phases (33 K and 40 K) and their relation to structural phase transitions in crystalline $\text{La}_2\text{CuO}_{4.011}$. <i>Physical Review B</i> , 1995 , 51, 3181-3185	3.3	17
80	Phase separation, oxygen composition, and a glass transition due to freezing-in of the oxygen rearrangement in $\text{La}_2\text{NiO}_{4.094}$ single crystals. <i>Physical Review B</i> , 1995 , 52, 3177-3183	3.3	9
79	Structure and magnetic properties of $\text{Sr}_{2-x}\text{Al}_x\text{IrO}_4$ (A=Ca and Ba). <i>Physical Review B</i> , 1995 , 52, 9143-9146	3.3	64
78	High- and low-spin transition of Ru^{4+} in the perovskite-related layered system $\text{Sr}_{n+1}\text{Ru}_n\text{O}_{3n+1}$ (n=1, 2, and ∞). <i>Physical Review B</i> , 1995 , 51, 16432-16435	3.3	28

77	Pressure dependence of phase-transition temperatures in oxygenated single-crystalline $\text{La}_2\text{CuO}_{4.035}$. <i>Physical Review B</i> , 1995 , 51, 1286-1289	3.3	7
76	Cooperative dielectric interaction of the perovskite-related layered solid solution system $\text{Sr}_{n+1}(\text{Sn}_x\text{Ti}_{1-x})_n\text{O}_{3n+1}$ ($n = 1, 2$ and ∞). <i>Ferroelectrics</i> , 1995 , 166, 149-158	0.6	6
75	Electrochemical Synthesis of Oxide Thick Film on the Stabilized Zirconia Surface in Molten Salt. <i>Journal of the Electrochemical Society</i> , 1995 , 142, 2317-2320	3.9	
74	Structure dependence of the ferromagnetic transition temperature in rhombohedral $\text{La}_{1-x}\text{A}_x\text{MnO}_3$ ($\text{A} = \text{Na}, \text{K}, \text{Rb}, \text{and Sr}$). <i>Physical Review B</i> , 1995 , 52, 12522-12525	3.3	83
73	The Effect of the Hydrostatic Pressure on the Ionic Conductivity in a Perovskite Lanthanum Lithium Titanate. <i>Journal of the Electrochemical Society</i> , 1995 , 142, L8-L11	3.9	75
72	Structure of Two-Dimensional Conductor of Sr_2RhO_4 . <i>Journal of Solid State Chemistry</i> , 1995 , 118, 206-209	3.3	25
71	Structure and Magnetic Properties of 6-Layered Hexagonal Oxides $\text{Ba}_3\text{Cr}_2\text{MO}_9$ ($\text{M} = \text{Mo}$ and W). <i>Journal of Solid State Chemistry</i> , 1995 , 120, 238-243	3.3	12
70	Oxide cathode with perovskite structure for rechargeable lithium batteries. <i>Journal of Power Sources</i> , 1995 , 54, 397-402	8.9	55
69	Pressure dependence of the superconducting transition temperature and the Hall coefficient in $\text{IBi}_{2.2}\text{Sr}_{1.8}\text{CaCu}_2\text{O}_{8+y}$ single crystals. <i>Physical Review B</i> , 1994 , 49, 9885-9890	3.3	9
68	Preparation and electronic properties of $\text{Sr}_{2-x}\text{La}_x\text{RhO}_4$. <i>Physical Review B</i> , 1994 , 49, 5591-5598	3.3	28
67	Electronic Transport Phenomena of $\text{La}_{2/3+x}\text{TiO}_3-\square\square\square$. <i>Journal of Solid State Chemistry</i> , 1994 , 113, 281-288	3.3	42
66	Preparation, magnetization, Seebeck coefficient, and electrical resistivity of electrochemically oxidized $\text{La}_{2-x}\text{Ba}_x\text{CuO}_4$ ($0 \leq x \leq 0.25$). <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 223, 75-82	1.3	8
65	Electronic transport property of $\text{La}_2\text{CuO}_{4+\square\square}$. <i>Physica C: Superconductivity and Its Applications</i> , 1994 , 235-240, 1323-1324	1.3	
64	Candidate compounds with perovskite structure for high lithium ionic conductivity. <i>Solid State Ionics</i> , 1994 , 70-71, 196-202	3.3	293
63	High lithium ion conductivity in the perovskite-type compounds. <i>Solid State Ionics</i> , 1994 , 70-71, 203-207	3.3	224
62	Lithium insertion into ceramic $\text{SrVO}_3-\square\square\square$. <i>Solid State Ionics</i> , 1994 , 70-71, 429-433	3.3	5
61	Calorimetric and resistometric studies of $\text{La}_2\text{CuO}_{4+\square\square}$ single crystals: Displasive character of phase transitions in 190 ± 10 K. <i>Solid State Communications</i> , 1994 , 90, 787-790	1.6	10
60	Calorimetric and electrical studies on the positional disorder of lithium ions in lithium lanthanum titanate. <i>Solid State Communications</i> , 1994 , 91, 627-630	1.6	24

59	Pressure dependence of the magnetic transition temperature for ferromagnetic SrRuO ₃ . <i>Solid State Communications</i> , 1994 , 90, 115-119	1.6	85
58	Microwave Dielectric Characteristics of Ilmenite-Type Titanates with High Q Values. <i>Japanese Journal of Applied Physics</i> , 1994 , 33, 5466-5470	1.4	168
57	Stack molding techniques for Bi(Pb)-Sr-Ca-Cu-O platelets for higher current density 1994 , 657-660		
56	Phase Transitions of La ₂ CuO ₄ +□ Single Crystal Below 320 K 1994 , 357-360		
55	Pressure Dependence of the Superconducting Transition Temperature and the Hall Coefficient in Pristine and Iodine-Intercalated Bi ₂ .2Sr _{1.8} CaCu ₂ O _{8+y} Single Crystals 1994 , 359-362		
54	Preparation and Properties of Sr _{2-x} La _x RhO ₄ and Sr _{2-x} AxIrO ₄ (A = Ca and Ba) 1994 , 275-278		1
53	High ionic conductivity in lithium lanthanum titanate. <i>Solid State Communications</i> , 1993 , 86, 689-693	1.6	1063
52	Appearance of a maximum in the superconducting transition temperature of a Bi ₂ .2Sr _{1.8} CaCu ₂ O _{8+y} single crystal under pressure. <i>Physical Review B</i> , 1993 , 48, 7712-7715	3.3	23
51	Humidity Sensing Effects of the Layered Oxides SrO (LaScO ₃) _n (n=1, 2, ∞) <i>Journal of the Ceramic Society of Japan</i> , 1993 , 101, 800-803		14
50	Unusual High Oxidation State of Iodine Intercalated in the Bi ₂ Sr ₂ CaCu ₂ O _x Superconductor. <i>Journal of Solid State Chemistry</i> , 1993 , 102, 284-287	3.3	18
49	Magnetic and Electric Properties of La _{1-x} M _x RhO ₃ (M = Ca, Sr, and Ba): Hole Doping in 4d Orbitals of Rh ³⁺ with Low Spin Configuration. <i>Journal of Solid State Chemistry</i> , 1993 , 103, 523-527	3.3	37
48	Single crystal growth of superconducting La _{2-x} Ba _x CuO ₄ by TSFZ method. <i>Physica C: Superconductivity and Its Applications</i> , 1993 , 209, 442-448	1.3	17
47	Delamination and oriented moulding of the Bi(Pb)-Sr-Ca-Cu-O system for higher critical current density. <i>Journal of Materials Science Letters</i> , 1993 , 12, 710-712		2
46	Structural study on new ordered potassium-nickel fluoride-type oxides, strontium lanthanum magnesium manganese oxide and strontium lanthanum zinc manganese oxide. <i>Materials Research Bulletin</i> , 1993 , 28, 597-603	5.1	3
45	Preparation and characterization of new ruthenium compounds with perovskite structure. <i>Materials Research Bulletin</i> , 1993 , 28, 1029-1039	5.1	14
44	High-resolution electron microscopy of fine particles. <i>Microscopy Microanalysis Microstructures</i> , 1993 , 4, 297-304		
43	Madelung Constant of the Tetragonal K ₂ NiF ₄ Type Oxides. <i>Journal of the Physical Society of Japan</i> , 1993 , 62, 1806-1807	1.5	
42	Quantum Paraelectricity in a Perovskite La _{1/2} Na _{1/2} TiO ₃ . <i>Journal of the Physical Society of Japan</i> , 1992 , 61, 3831-3832	1.5	52

41	Composition dependence of carrier concentration and conductivity in $(\text{Ba}_{1-x}\text{Sr}_x)\text{PbO}_{3-\delta}$ system. <i>Solid State Communications</i> , 1992 , 83, 33-36	1.6	22
40	Electrical properties of the $\text{A}(\text{Pb}_{1-x}\text{B}_x)\text{O}_{3-\delta}$ (A=Ba, Sr, B=Sb, Bi) system. <i>Physica C: Superconductivity and Its Applications</i> , 1992 , 204, 194-202	1.3	17
39	Novel two-dimensional conductor Sr_2RhO_4 . <i>Journal of Solid State Chemistry</i> , 1992 , 98, 198-200	3.3	27
38	Electrical conductivity and metal-nonmetal transition in the perovskite-related layered system $\text{Ca}_{n+1}\text{Ti}_n\text{O}_{3n+1-\delta}$ (n = 2, 3, and ∞). <i>Journal of Solid State Chemistry</i> , 1992 , 101, 77-86	3.3	75
37	Structural and dielectric studies on the new series of layered compounds, strontium lanthanum scandium oxides. <i>Materials Research Bulletin</i> , 1992 , 27, 1193-1203	5.1	28
36	A new Fe(III) perovskite antiferromagnetically ordered VIA superexchange interaction at fairly high temperature ($T_N \approx 91\text{K}$). <i>Materials Research Bulletin</i> , 1992 , 27, 1065-1072	5.1	9
35	Structural aspects on the variations of electric and magnetic properties of the layered compound system $\text{Sr}_{n+1}\text{VnO}_{3n+1-\delta}$ (n = 1, 2, 3, ∞). <i>Solid State Communications</i> , 1991 , 80, 545-548	1.6	38
34	Low temperature heat capacities and thermodynamic functions of $\text{Tl}_2\text{Ba}_2\text{CaCu}_2\text{O}_y$. <i>Thermochimica Acta</i> , 1991 , 183, 143-152	2.9	3
33	Oxygen-deficient and ordered perovskite-type solid-solution system $\text{Ba}_{1+x}\text{Bi}_{1-x}\text{O}_y$ ($0 \leq x \leq 0.5$, $3.00 \leq y \leq 2.75$). <i>Solid State Ionics</i> , 1991 , 49, 57-62	3.3	4
32	A simple relation between the pair-interaction parameter and optical absorption edge in oxide superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 181, 233-238	1.3	1
31	Possibility of phonon assisted electronic excitation for the pairing interaction in high T_c superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 185-189, 1065-1066	1.3	2
30	Candidate compounds for superconductivity. <i>Physica C: Superconductivity and Its Applications</i> , 1991 , 190, 104-106	1.3	4
29	Thermodynamic investigations of liquid Bi-Na and Sn-Na alloys by coulometric titration using γ -alumina. <i>Journal of Materials Science</i> , 1991 , 26, 5221-5228	4.3	9
28	Superconductivity, magnetism and oxygen nonstoichiometry of $\text{Ba}_2\text{Y}(\text{Cu}_{1-x}\text{M}_x)_3\text{O}_y$ (M = Zn and Ni). <i>Physica C: Superconductivity and Its Applications</i> , 1990 , 170, 307-314	1.3	69
27	Oxygen-deficient and ordered perovskite-type solid-solution system. <i>Journal of Solid State Chemistry</i> , 1990 , 87, 245-249	3.3	12
26	Synthesis and properties of a new d1 compound $\text{Sr}_4\text{V}_3\text{O}_{9.8}$ with layered structure. <i>Journal of Solid State Chemistry</i> , 1990 , 88, 597-600	3.3	26
25	Synthesis of Superconducting 2223 Compound in the Lead-Added Bi-Sr-Ca-Cu-O System. <i>Japanese Journal of Applied Physics</i> , 1990 , 29, L1412-L1414	1.4	16
24	Specific Conductance and Free-Ion Behavior of Component Ions in Molten Alkali Halides. <i>Journal of the Electrochemical Society</i> , 1990 , 137, 1166-1169	3.9	3

23	Evidence of Sr-Deficiency in $\text{Bi}_2\text{Sr}_2\text{-}\delta\text{Ca}_1\text{Cu}_2\text{O}_8$ and Preparation of Stoichiometric Semiconducting $\text{Bi}_2\text{Sr}_2\text{Ca}_1\text{Cu}_2\text{O}_8$. <i>Japanese Journal of Applied Physics</i> , 1989 , 28, L364-L367	1.4	35
22	The effect of La substitution on the superconductivity of $\text{Ba}_2\text{YCu}_3\text{O}_y$. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 157, 83-88	1.3	33
21	Specific heats of Tl Ba Ca Cu O superconductors. <i>Physica C: Superconductivity and Its Applications</i> , 1989 , 162-164, 488-489	1.3	6
20	Synthesis of $\text{BaTiO}_{2.5}$ with oxygen-deficient perovskite structure. <i>Journal of Solid State Chemistry</i> , 1989 , 82, 172-175	3.3	9
19	The determination of Gibbs energy of the exchange reaction of sulphides using beta-alumina solid electrolyte. <i>Journal of Materials Science</i> , 1988 , 23, 1395-1398	4.3	3
18	Thermodynamic Stability of K^+ - β -Alumina. <i>Journal of the American Ceramic Society</i> , 1988 , 71, C-36-C-39	3.8	3
17	Reproducible Processing for High- T_c Superconducting Tl-Ba-Ca-Cu-O-Phases. <i>Japanese Journal of Applied Physics</i> , 1988 , 27, L1672-L1675	1.4	5
16	Ion Selectivity of Beta-Alumina during the Coulometric Titration of Liquid Pb-Na Alloys. <i>Journal of the Electrochemical Society</i> , 1988 , 135, 2238-2242	3.9	6
15	Thermodynamic Investigations of the NaI - AgI System by the EMF Method Using Beta-Alumina Solid Electrolyte. <i>Journal of the Electrochemical Society</i> , 1987 , 134, 2365-2369	3.9	2
14	Potentiometric study of the solid state ion-exchange reaction between $\beta\text{-AgI}$ and $\beta\text{-alumina}$. <i>Solid State Ionics</i> , 1987 , 22, 219-224	3.3	3
13	SO_x ($x = 2, 3$) Sensor Using Ag^+ - β -Alumina Solid Electrolyte. <i>Journal of the Electrochemical Society</i> , 1986 , 133, 1512-1517	3.9	18
12	The Determination of Gibbs Energy of the Exchange Reaction of Iodides Using Beta-Alumina Solid Electrolytes. <i>Journal of the Electrochemical Society</i> , 1986 , 133, 1508-1512	3.9	6
11	Preparation of Pb^{2+} Ion Conducting β -Alumina and Its Application to Thermodynamic Investigation of Sulfides. <i>Transactions of the Japan Institute of Metals</i> , 1986 , 27, 134-140		7
10	Measurement of Na_2O Activity in Beta-Alumina by EMF Method. <i>Transactions of the Japan Institute of Metals</i> , 1985 , 26, 353-361		22
9	Reaction of Beta-Alumina Solid Electrolyte with SO_x ($x=2, 3$) Gas. <i>Transactions of the Japan Institute of Metals</i> , 1985 , 26, 17-25		15
8	Solid Reference Electrode of SO_2 Sensor Using β -Alumina Solid Electrolyte. <i>Transactions of the Japan Institute of Metals</i> , 1984 , 25, 504-510		37
7	Mass-spectrometric Measurements of Thermodynamic Properties of the Molten KCl-MnCl_2 System. <i>Bulletin of the Chemical Society of Japan</i> , 1983 , 56, 2415-2419	5.1	4
6	Mass-spectrometric Measurements of Enthalpy and Entropy Changes for the Mixed Dimer Reaction: $\text{Na}_2\text{Cl}_2(\text{g}) + \text{K}_2\text{Cl}_2(\text{g}) = 2\text{NaKCl}_2(\text{g})$. <i>Bulletin of the Chemical Society of Japan</i> , 1982 , 55, 3643-3644	5.1	3

5	Raman spectral study of the molten zinc chloride-potassium chloride system. <i>Inorganic Chemistry</i> , 1982 , 21, 3552-3555	5.1	16
4	Mass-spectrometric Measurement of Activities in Both Solid and Liquid Solutions of the KCl-NaCl System. <i>Bulletin of the Chemical Society of Japan</i> , 1981 , 54, 3391-3395	5.1	9
3	Isolation of plasma co-factor in adenosine diphosphate-induced aggregation of bovine platelets. <i>FEBS Letters</i> , 1975 , 51, 171-3	3.8	12
2			
1	Raman Spectra in Ferroelectric SrTi ₁₈ O ₃		2