

Jun Akedo

List of Publications by Year in descending order

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154
papers

3,817
citations

186265

28
h-index

138484

58
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174
all docs

174
docs citations

174
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship between dielectric strength and mechanical properties of alumina films fabricated by aerosol deposition. <i>Ceramics International</i> , 2022, 48, 28815-28821.	4.8	3
2	Nanoporous $MgAl_2O_4$ coating on porous Al_2O_3 support by aerosol deposition method for organic polymer filtration membrane. <i>Journal of the Ceramic Society of Japan</i> , 2022, 130, 320-323.	1.1	4
3	Optical emission generated by particle impact during aerosol deposition of alumina films. <i>Journal of Asian Ceramic Societies</i> , 2022, 10, 40-48.	2.3	3
4	Chlorhexidine-filled porous ceramic coating fabricated by the aerosol deposition method for immediate and long-term enveloped virus inactivation. <i>Journal of Asian Ceramic Societies</i> , 2022, 10, 465-472.	2.3	2
5	The Current Status of Environmental Barrier Coatings and Future Direction of Thermal Spray Process. <i>Materials Transactions</i> , 2022, , .	1.2	4
6	Aerosol-Deposited $BiVO_4$ Photoelectrodes for Hydrogen Generation. <i>Journal of Thermal Spray Technology</i> , 2021, 30, 603-616.	3.1	3
7	Statistical Evaluation of Mechanical Properties of Thermally Sprayed Alumina Coatings by Nanoindentation Method. <i>Materials Transactions</i> , 2021, 62, 252-260.	1.2	6
8	Synthesis of $Pb(Zr, Ti)O_3$ fine ceramic powder at room temperature by dry mechanochemical solid-state reaction evaluated using synchrotron radiation X-ray diffraction. <i>Japanese Journal of Applied Physics</i> , 2021, 60, SFFA02.	1.5	4
9	Al_2O_3 coated glass by aerosol deposition with excellent mechanical properties for mobile electronic displays. <i>Ceramics International</i> , 2021, 47, 30531-30535.	4.8	6
10	Aerosol Deposition Method. , 2021, , 107-127.		1
11	Synchrotron radiation X-ray diffraction evidence for nature of chemical bonds in $Bi_4Ti_3O_{12}$ ceramic powders and grain-orientation mechanism of their films formed by aerosol deposition method. <i>Japanese Journal of Applied Physics</i> , 2020, 59, SPPA04.	1.5	4
12	Piezoelectric Thick Film Deposition via Powder/Granule Spray in Vacuum: A Review. <i>Actuators</i> , 2020, 9, 59.	2.3	19
13	Ceramic Coatings Deposited from Fine Particles by Different Spraying Processes. <i>Journal of Thermal Spray Technology</i> , 2020, 29, 2033-2047.	3.1	8
14	Size-dependent quasi Brittle→Ductile transition of single crystalline alpha-alumina particles during microcompression tests. <i>Acta Materialia</i> , 2020, 195, 588-596.	7.9	20
15	Room temperature impact consolidation and application to ceramic coatings: aerosol deposition method. <i>Journal of the Ceramic Society of Japan</i> , 2020, 128, 101-116.	1.1	46
16	Aggregate ceramic films produced at room temperature by press forming. <i>Journal of the American Ceramic Society</i> , 2020, 103, 3479-3492.	3.8	0
17	Piezoelectric thick film fabricated with aerosol deposition and its application to piezoelectric devices. <i>Japanese Journal of Applied Physics</i> , 2018, 57, 07LA02.	1.5	35
18	Fabrication of Ceramics Films on a Plastic Substrate by Advanced Coating Techniques (AD,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 Td 0,0		

#	ARTICLE	IF	CITATIONS
19	Effect of starting powder morphology on film texture for bismuth layer-structured ferroelectrics prepared by aerosol deposition method. Japanese Journal of Applied Physics, 2017, 56, 06GH02.	1.5	10
20	The 2016 Thermal Spray Roadmap. Journal of Thermal Spray Technology, 2016, 25, 1376-1440.	3.1	243
21	Hard Al_2O_3 Film Coating on Industrial Roller Using Aerosol Deposition Method. Journal of Thermal Spray Technology, 2014, 23, 1373-1381.	3.1	25
22	Formation and characterization of polyethylene terephthalate-based $(\text{Bi}_{0.15}\text{Sb}_{0.85})_2\text{Te}_3$ thermoelectric modules with CoSb_3 adhesion layer by aerosol deposition. Journal of Alloys and Compounds, 2014, 589, 56-60.	5.5	23
23	Formation of Tough Foundation Layer for Electrical Plating on Insulator using Aerosol Deposition Method of $\text{Cu-Al}_2\text{O}_3$ Mixed Powder. Ceramic Transactions, 2014, , 17-22.	0.1	1
24	Room Temperature Coating (AD method) and Application Possibility to 3D Molding. Journal of Smart Processing, 2014, 3, 158-166.	0.1	7
25	Aerosol Deposition Method for Room-Temperature Ceramic Coating and Its Applications. , 2013, , 847-860.		1
26	Polarization and leakage current properties of self-supported bismuth sodium titanate ceramic films deposited by aerosol deposition method. Journal of the Ceramic Society of Japan, 2013, 121, 664-669.	1.1	4
27	Polarization Properties of Bismuth Strontium Tantalate Ceramic Films Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2012, 51, 09LA17.	1.5	2
28	Polarization Properties of Bismuth Strontium Tantalate Ceramic Films Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2012, 51, 09LA17.	1.5	2
29	Barium Titanate-Based Materials – a Window of Application Opportunities. , 2011, , .		2
30	Ceramic Coating at Room Temperature with Aerosol Deposition Method. Journal of the Vacuum Society of Japan, 2011, 54, 118-127.	0.3	1
31	Ferroelectric Polarization Properties in High-Performance Bismuth Sodium Titanate Single Crystals. Key Engineering Materials, 2011, 485, 7-10.	0.4	1
32	Preparation of Lithium Aluminum Titanium Phosphate Electrolytes Thick Films by Aerosol Deposition Method. Journal of the American Ceramic Society, 2011, 94, 3847-3850.	3.8	54
33	Fabrication and Characterization of Optical Micro-Electro-Mechanical System Scanning Devices Using BaTiO_3 -Based Lead-Free Piezoelectric-Coated Substrate Sheet by Aerosol Deposition. Japanese Journal of Applied Physics, 2011, 50, 09ND19.	1.5	15
34	Fabrication and Characterization of Optical Micro-Electro-Mechanical System Scanning Devices Using BaTiO_3 -Based Lead-Free Piezoelectric-Coated Substrate Sheet by Aerosol Deposition. Japanese Journal of Applied Physics, 2011, 50, 09ND19.	1.5	5
35	Embedded Capacitor Technology Using Aerosol Deposition. International Journal of Applied Ceramic Technology, 2010, 7, E23.	2.1	15
36	Hydroxyapatite film coated on poly-L-lactic acid by Aerosol Deposition Method. Journal of the Ceramic Society of Japan, 2010, 118, 417-420.	1.1	8

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37	Aerosol deposition of .ALPHA.-TCP on a Ti surface. Journal of the Ceramic Society of Japan, 2010, 118, 502-507.	1.1	3
38	Polarization and leakage current properties of bismuth sodium titanate ceramic films deposited by aerosol deposition method. Journal of the Ceramic Society of Japan, 2010, 118, 899-902.	1.1	13
39	Recent Progress in Multilayer Ceramic Devices. Ceramic Transactions, 2010, , 43-54.	0.1	1
40	Control of Powder Quality as a Method of Improving the Dielectric Properties of (Ba _{0.6} ,Sr _{0.4})TiO ₃ Thick Films Fabricated by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2010, 49, 09MA13.	1.5	4
41	Temperature Dependence of Dielectric Properties of Barium Titanate Ceramic Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2010, 49, 09MA10.	1.5	18
42	On-Demand MEMS Device Production System by Module-Based Microfactory. International Journal of Automation Technology, 2010, 4, 110-116.	1.0	8
43	Periodic Microstructures Formation on Plastic Plate by Aerosol Beam Irradiation. Journal of High Temperature Society, 2010, 36, 300-302.	0.1	0
44	Dielectric characteristics of barium strontium titanate films prepared by aerosol deposition on a Cu substrate. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2009, 56, 421-424.	3.0	8
45	Postdeposition annealing effect on (Ba _{0.6} ,Sr _{0.4})TiO ₃ thick films deposited by aerosol deposition method. Journal of Applied Physics, 2009, 105, .	2.5	11
46	Lanthanum-Modified Lead Zirconate Titanate Electro-Optic Modulators Fabricated Using Aerosol Deposition for LSI Interconnects. Japanese Journal of Applied Physics, 2009, 48, 09KA06.	1.5	6
47	On-Chip Optical Interconnect. Proceedings of the IEEE, 2009, 97, 1186-1198.	21.3	129
48	Fine patterning of ceramic thick layer on aerosol deposition by lift-off process using photoresist. Journal of Electroceramics, 2009, 22, 319-326.	2.0	15
49	Fiber laser annealing of nanocrystalline PZT thick film prepared by aerosol deposition. Applied Surface Science, 2009, 255, 9791-9795.	6.1	32
50	Gigahertz-rate optical modulation on Mach-Zehnder PLZT electro-optic modulators formed on silicon substrates by aerosol deposition. IEICE Electronics Express, 2009, 6, 1669-1675.	0.8	3
51	Annealing Process without Thermal Damage of Substrate by Laser Annealing for Electronic Ceramics Thick Films Fabricated by Aerosol Deposition Technique. Funtai Oyobi Fumatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2009, 56, 177-182.	0.2	0
52	Room Temperature Impact Consolidation (RTIC) of Fine Ceramic Powder by Aerosol Deposition Method and Applications to Microdevices. Journal of Thermal Spray Technology, 2008, 17, 181-198.	3.1	406
53	CONTROL OF NANOSTRUCTURE OF MATERIALS. , 2008, , 177-265.		0
54	Optical properties of Pb(Zr,Ti)O ₃ films prepared by aerosol deposition. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 975-979.	3.0	5

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55	Fabrication of ferroelectric optical nanocomposite thick films by aerosol deposition method. , 2008, , .		0
56	Thickness dependence of electrical properties of PZT films deposited on metal substrates by laser-assisted aerosol deposition. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 1009-1016.	3.0	12
57	Laser-Anneal of Metal-Based Micro Optical Scanner Derived by Aerosol Deposition. Key Engineering Materials, 2008, 388, 195-198.	0.4	0
58	Fundamental Study on High-Frequency Ultrasound Probes Fabricated by Aerosol Deposition Method and Hydrothermal Method. Key Engineering Materials, 2008, 388, 159-162.	0.4	0
59	Fabrication of (Ba _{0.6} Sr _{0.4})TiO ₃ Thick Films by Aerosol Deposition Method for Application to Embedded Multilayered Capacitor Structures. Japanese Journal of Applied Physics, 2008, 47, 7490-7493.	1.5	8
60	Magnetic Properties and Electromagnetic Wave Suppression Properties of Fe ²⁺ Ferrite Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2008, 47, 2127-2131.	1.5	15
61	Fabrication and scanning-angle temperature dependence of metal-based, optical resonant scanners with PZT actuation. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2008, 55, 942-945.	3.0	6
62	Heat-cycle endurance and in-plane thermal expansion of Al ₂ O ₃ /Al substrates formed by aerosol deposition method. Journal of the Ceramic Society of Japan, 2008, 116, 1299-1303.	1.1	14
63	The aerosol deposition method. Synthesiology, 2008, 1, 121-130.	0.2	23
64	Title is missing!. Synthesiology, 2008, 1, 130-138.	0.2	7
65	Theoretical Investigation of Guide Wave Flowmeter. Japanese Journal of Applied Physics, 2007, 46, 4521.	1.5	12
66	Temperature Properties of PZT Actuated High-Speed Metal-Based Optical Resonant Scanners. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
67	Transparent Metal-Ferroelectric nanocomposite thick films prepared by Aerosol Deposition Method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
68	Intelligent Materials Synthesis Based on Millimeter-Wave Heating and SPS Methods. Materials Science Forum, 2007, 539-543, 3219-3224.	0.3	2
69	Ultra small electro-optic field probe fabricated by aerosol deposition. IEICE Electronics Express, 2007, 4, 26-32.	0.8	21
70	Ultra small magneto-optic field probe fabricated by aerosol deposition. IEICE Electronics Express, 2007, 4, 542-548.	0.8	4
71	Dielectric Characteristics of PZT Films Prepared by Aerosol Deposition in Millimeter Wave Range. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
72	Evaluation of Dielectric Properties of Ferroelectric Fine Particles Fabricated by Focused Ion Beam Technique. Japanese Journal of Applied Physics, 2007, 46, 7024-7027.	1.5	1

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73	Dielectric Characterization of Barium strontium titanate (BST) Films Prepared on Cu Substrate By Aerosol Deposited Method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	2
74	Microstructure and magnetic properties of aerosol-deposited Sm-Fe-N thick films. Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi), 2007, 158, 8-13.	0.4	3
75	Effects of Al ion implantation on the strength of Al ₂ O ₃ particles. Surface and Coatings Technology, 2007, 201, 8180-8184.	4.8	9
76	THz spectroscopy of ion-implanted MgO crystals. Nuclear Instruments & Methods in Physics Research B, 2007, 257, 545-548.	1.4	5
77	Aerosol deposition for post-LTCC. Journal of the European Ceramic Society, 2007, 27, 2789-2795.	5.7	64
78	High-speed metal-based optical microscanners using stainless-steel substrate and piezoelectric thick films prepared by aerosol deposition method. Sensors and Actuators A: Physical, 2007, 135, 86-91.	4.1	49
79	Transparent electrooptical nanocomposite thick films by aerosol deposition method for application to ultrahigh-speed optical switches. , 2006, , .		0
80	Wide Range Dielectric Spectroscopy of SrTiO ₃ -SrZrO ₃ Solid Solution. , 2006, , .		1
81	Influence of deposition angle on the magnetic properties of Sm-Fe-N films fabricated by aerosol deposition method. Journal of Alloys and Compounds, 2006, 408-412, 1409-1412.	5.5	8
82	Ultra Wide Range Dielectric Spectroscopy of Strontium Titanate-Strontium Zirconate Solid Solution. Journal of the Ceramic Society of Japan, 2006, 114, 774-781.	1.3	23
83	Multilayer Construction with Various Ceramic Films for Electronic Devices Fabricated by Aerosol Deposition. International Journal of Applied Ceramic Technology, 2006, 3, 419-427.	2.1	17
84	Effect of Carrier Gas Species on Ferroelectric Properties of PZT/Stainless-Steel Fabricated by CO ₂ Laser-Assisted Aerosol Deposition. Journal of the American Ceramic Society, 2006, 89, 1736-1738.	3.8	8
85	Aerosol Deposition of Ceramic Thick Films at Room Temperature: Densification Mechanism of Ceramic Layers. Journal of the American Ceramic Society, 2006, 89, 1834-1839.	3.8	489
86	Piezoelectric Film Response Studied with Finite Element Method. Journal of the American Ceramic Society, 2006, 89, 3715-3720.	3.8	5
87	Wide Range Dielectric Spectroscopy of SrTiO ₃ - SrZrO ₃ Solid Solution. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
88	Theoretical and Experimental Investigation of Propagation of Guide Waves in Cylindrical Pipe Filled with Fluid. Japanese Journal of Applied Physics, 2006, 45, 4573-4576.	1.5	21
89	Fabrication and Evaluation of Lead-Free Piezoelectric Ceramic LF4 Thick Film Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2006, 45, 7465-7470.	1.5	56
90	Hydroxyapatite Film Formation on Polylactic Acid Plate by Aerosol Beam Irradiation. Japanese Journal of Applied Physics, 2006, 45, 7840-7844.	1.5	7

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91	Surface Plasmon Resonance in Novel Nanocomposite Gold/Lead Zirconate Titanate Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2006, 45, 7512-7515.	1.5	13
92	Fabrication of Microstrip Band Pass Filters in GHz Region by Aerosol Deposition Process. Key Engineering Materials, 2006, 301, 117-120.	0.4	1
93	MICROSTRUCTURE OF CERAMIC THICK FILM FORMED BY AEROSOL DEPOSITION AND ITS APPLICATIONS TO MICROACTUATOR. Integrated Ferroelectrics, 2006, 80, 55-65.	0.7	5
94	Optical scanning devices based on PZT thick films formed by aerosol deposition method. , 2005, 6037, 474.		1
95	Hexagonal to cubic crystal structure transformation during aerosol deposition of aluminum nitride. Journal of Crystal Growth, 2005, 275, e1269-e1273.	1.5	29
96	Optical and electro-optical properties of Pb(Zr,Ti)O ₃ and (Pb,Lu)(Zr,Ti)O ₃ films prepared by aerosol deposition method. Journal of Crystal Growth, 2005, 275, e1275-e1280.	1.5	29
97	Ceramic dielectric film for microwave filter deposited at room temperature. Journal of Crystal Growth, 2005, 275, e1313-e1319.	1.5	25
98	Substrate heating effects on hardness of an -Al ₂ O ₃ thick film formed by aerosol deposition method. Journal of Crystal Growth, 2005, 275, e1301-e1306.	1.5	36
99	Thickness dependence of aerosol-deposited Pb(Zr,Ti)O ₃ films on stainless-steel sheet annealed by CO ₂ laser radiation. Journal of Crystal Growth, 2005, 275, e1247-e1252.	1.5	12
100	Cubic Aluminum Nitride Transformed Under Reduced Pressure Using Aerosol Deposition Method. Journal of the American Ceramic Society, 2005, 88, 1067-1069.	3.8	30
101	Damage-Free and Short Annealing of Pb(Zr,Ti)O ₃ Thick Films Directly Deposited on Stainless Steel Sheet by Aerosol Deposition with CO ₂ Laser Radiation. Journal of the American Ceramic Society, 2005, 88, 1407-1410.	3.8	27
102	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2005, 56, 754-762.	0.2	0
103	ã,“ã,Çãfã,3/4ãf«ãf†ãfã,ã,ãfSãf³æ³.ã®é»ããf†ãfã,ã,1ãã®ã¿œç””ã±•é-«. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2005, 56, 754-762.		
104	Electro-Optic Properties of Pb(Zr _{1-x} Ti _x)O ₃ (X=0, 0.3, 0.6) Films Prepared by Aerosol Deposition. Japanese Journal of Applied Physics, 2005, 44, L1088-L1090.	1.5	24
105	High-Speed Optical Microscanner Driven with Resonance of Lam Waves Using Pb(Zr,Ti)O ₃ Thick Films Formed by Aerosol Deposition. Japanese Journal of Applied Physics, 2005, 44, 7072-7077.	1.5	60
106	Dielectric Characteristics of Ferroelectric Films Prepared by Aerosol Deposition in THz Range. Japanese Journal of Applied Physics, 2005, 44, 6918-6922.	1.5	19
107	Annealing Effect on 0.5Pb(Ni _{1/3} Nb _{2/3})O ₃ -0.5Pb(Zr _{0.3} Ti _{0.7})O ₃ Thick Film Deposited By Aerosol Deposition Method. Japanese Journal of Applied Physics, 2005, 44, 6934-6937.	1.5	16
108	Compression test system for a single submicrometer particle. Review of Scientific Instruments, 2005, 76, 093905.	1.3	39

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109	CO2 laser annealing of Pb(Zr,Ti)O ₃ aerosol-deposition film on stainless-steel-sheet. , 2005, , 249-252.		0
110	Electro-Optical Properties and Structures of (Pb, La)(Zr, Ti)O ₃ and PbTiO ₃ Films Prepared Using Aerosol Deposition Method. Japanese Journal of Applied Physics, 2004, 43, 6543-6548.	1.5	16
111	Evaluation of Domain Boundary of Piezo/Ferroelectric Material by Ultrasonic Atomic Force Microscopy. Japanese Journal of Applied Physics, 2004, 43, 2907-2913.	1.5	42
112	Alumina Thick Films as Integral Substrates Using Aerosol Deposition Method. Japanese Journal of Applied Physics, 2004, 43, 5414-5418.	1.5	57
113	Aerosol Deposition Method for Fabrication of Nano Crystal Ceramic Layer. Materials Science Forum, 2004, 449-452, 43-48.	0.3	90
114	Microwave Dielectric Film by Aerosol Deposition Method. Key Engineering Materials, 2004, 269, 211-214.	0.4	0
115	Microstrip Band Pass Filter of GHz Region Employing Aerosol-Deposited Alumina Thick Films. Integrated Ferroelectrics, 2004, 66, 301-310.	0.7	6
116	NiZnCu Ferrite Thick Film with Nano Scale Crystallites Formed by the Aerosol Deposition Method. Journal of the American Ceramic Society, 2004, 87, 1621-1624.	3.8	20
117	Hydroxyapatite film formed by particle beam irradiation. Vacuum, 2004, 73, 629-633.	3.5	21
118	Magnetic properties and microstructures of the aerosol-deposited permanent magnet films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1881-E1882.	2.3	10
119	Microstructures and Magnetic Properties of Sm-Fe-N Thick Films Produced by the Aerosol Deposition Method. Materials Transactions, 2004, 45, 369-372.	1.2	16
120	Effect of Applied Magnetic Field on Magnetic Properties of Sm-Fe-N Films Prepared by Aerosol Deposition Method. Materials Transactions, 2004, 45, 2626-2629.	1.2	6
121	Abnormal distribution of defects introduced into MgO single crystals by MeV ion implantation. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 157-161.	1.4	8
122	Aerosol Deposition Method for Preparation of Lead Zirconate Titanate Thick Layer at Low Temperature â€œImprovement of Electrical Properties by Irradiation of Fast Atom Beam and Plasmaâ€œ. Japanese Journal of Applied Physics, 2003, 42, 5931-5935.	1.5	19
123	Electro-Optical Properties of (Pb, La)(Zr, Ti)O ₃ Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2003, 42, 5960-5962.	1.5	21
124	Hydroxyapatite Coating on Titanium Plate with an Ultrafine Particle Beam. Japanese Journal of Applied Physics, 2003, 42, L120-L122.	1.5	26
125	Title is missing!. Journal of the Society of Powder Technology, Japan, 2003, 40, 192-200.	0.1	12
126	Aerosol Deposition Method (ADM) for Nano-Crystal Ceramics Coating Without Firing. Materials Research Society Symposia Proceedings, 2003, 779, 7101.	0.1	7

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127	Aerosol Deposition Method (Adm) For Nano-Crystal Ceramics Coating Without Firing. Materials Research Society Symposia Proceedings, 2003, 778, 8101/W7.10.1.	0.1	11
128	Powder Preparation in Aerosol Deposition Method for Lead Zirconate Titanate Thick Films. Japanese Journal of Applied Physics, 2002, 41, 6980-6984.	1.5	91
129	Effect of Thickness on the Piezoelectric Properties of Lead Zirconate Titanate Films Fabricated by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2002, 41, 6669-6673.	1.5	35
130	Patterning Properties of PZT Thick Films Made by Aerosol Deposition. Ferroelectrics, 2002, 270, 117-122.	0.6	13
131	What Thickness of the Piezoelectric Layer with High Breakdown Voltage is Required for the Microactuator?. Japanese Journal of Applied Physics, 2002, 41, 3344-3347.	1.5	23
132	Fabrication of microfluidic devise (diffuser or mixer) using aerosol deposition method. , 2002, , .		0
133	Title is missing!. Materia Japan, 2002, 41, 459-466.	0.1	23
134	Thick PZT film/stainless steel actuator fabricated by aerosol deposition method: fatigue property. , 2002, 4936, 345.		1
135	Influence of Carrier Gas Conditions on Electrical and Optical Properties of Pb(Zr, Ti)O ₃ Thin Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2001, 40, 5528-5532.	1.5	116
136	Patterning Properties of Lead Zirconate Titanate (PZT) Thick Films Made by Aerosol Deposition. IEEJ Transactions on Sensors and Micromachines, 2000, 120, 600-601.	0.1	15
137	Actuation Properties of Lead Zirconate Titanate Thick Films Structured on Si Membrane by the Aerosol Deposition Method. Japanese Journal of Applied Physics, 2000, 39, 5600-5603.	1.5	72
138	Electrical properties of direct deposited piezoelectric thick film formed by gas deposition method annealing effect of the deposited films. Ferroelectrics, 1999, 231, 285-292.	0.6	47
139	Microstructure and Electrical Properties of Lead Zirconate Titanate (Pb(Zr ₅₂ /Ti ₄₈)O ₃) Thick Films Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 1999, 38, 5397-5401.	1.5	313
140	Photostrictive actuators and its some characteristics. Ferroelectrics, 1999, 232, 259-264.	0.6	3
141	New functional ceramic deposition method for MEMS. Ferroelectrics, 1999, 224, 331-337.	0.6	7
142	Application of Gas Jet Deposition Method to Piezoelectric Thick Film Miniature Actuator. Japanese Journal of Applied Physics, 1998, 37, 5342-5344.	1.5	38
143	Deposition and Patterning Technique for Realization of Pb(Zr _{0.52} , Ti _{0.48})O ₃ Thick Film Micro Actuator. Japanese Journal of Applied Physics, 1998, 37, 7116-7119.	1.5	42
144	Non-contact Air Holding Mechanism for Inspection of Pipe Inner Walls. Journal of Nuclear Science and Technology, 1998, 35, 952-957.	1.3	0

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145	Non-contact Pneumatic Holding Mechanism for Inspection of Pipe Inner Wall.. Nippon Genshiryoku Gakkaishi/Journal of the Atomic Energy Society of Japan, 1998, 40, 709-712.	0.0	0
146	X-Ray Diffraction and Scanning Electron Microscopy Observation of Lead Zirconate Titanate Thick Film Formed by Gas Deposition Method. Japanese Journal of Applied Physics, 1997, 36, 5815-5819.	1.5	37
147	<title>Application of jet-printed PZT layers for actuation of small beams, membranes and a 2D scanning actuator</title>. Proceedings of SPIE, 1997, , .	0.8	1
148	<title>Characterization and application of jet-printed thin PZT layers for actuation of MEMS</title>. Proceedings of SPIE, 1997, 3242, 380.	0.8	7
149	High-precision detection method for the reference position in an optical encoder. Applied Optics, 1993, 32, 2315.	2.1	3
150	Point source diffraction and its use in an encoder. Applied Optics, 1988, 27, 4777.	2.1	14
151	Practical High-Speed Metal-Based Optical Microscanning Devices with Low Production Cost. , 0, , .		0
152	Physical and Electrical Properties of (Ba_{0.6},Sr_{0.4})₃TiO₃ Ferroelectric Thick Films Prepared by Aerosol Deposition Technique. Key Engineering Materials, 0, 388, 163-166.	0.4	0
153	Mechanical and Electrical Properties of Al ₂ O ₃ Thin Films on Metals, Ceramics and Resins Prepared by Aerosol Deposition Method. Ceramic Engineering and Science Proceedings, 0, , 121-125.	0.1	6
154	An Aerosol Deposition Method and its Application to Make Mems Devices. Ceramic Transactions, 0, , 245-254.	0.1	0