

Jun Akedo

List of Publications by Year in descending order

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154
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3,817
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185998

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h-index

138251

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174
all docs

174
docs citations

174
times ranked

1675
citing authors

#	ARTICLE	IF	CITATIONS
1	Aerosol Deposition of Ceramic Thick Films at Room Temperature: Densification Mechanism of Ceramic Layers. <i>Journal of the American Ceramic Society</i> , 2006, 89, 1834-1839.	1.9	489
2	Room Temperature Impact Consolidation (RTIC) of Fine Ceramic Powder by Aerosol Deposition Method and Applications to Microdevices. <i>Journal of Thermal Spray Technology</i> , 2008, 17, 181-198.	1.6	406
3	Microstructure and Electrical Properties of Lead Zirconate Titanate (Pb(Zr ₅₂ /Ti ₄₈)O ₃) Thick Films Deposited by Aerosol Deposition Method. <i>Japanese Journal of Applied Physics</i> , 1999, 38, 5397-5401.	0.8	313
4	The 2016 Thermal Spray Roadmap. <i>Journal of Thermal Spray Technology</i> , 2016, 25, 1376-1440.	1.6	243
5	On-Chip Optical Interconnect. <i>Proceedings of the IEEE</i> , 2009, 97, 1186-1198.	16.4	129
6	Influence of Carrier Gas Conditions on Electrical and Optical Properties of Pb(Zr, Ti)O ₃ Thin Films Prepared by Aerosol Deposition Method. <i>Japanese Journal of Applied Physics</i> , 2001, 40, 5528-5532.	0.8	116
7	Powder Preparation in Aerosol Deposition Method for Lead Zirconate Titanate Thick Films. <i>Japanese Journal of Applied Physics</i> , 2002, 41, 6980-6984.	0.8	91
8	Aerosol Deposition Method for Fabrication of Nano Crystal Ceramic Layer. <i>Materials Science Forum</i> , 2004, 449-452, 43-48.	0.3	90
9	Actuation Properties of Lead Zirconate Titanate Thick Films Structured on Si Membrane by the Aerosol Deposition Method. <i>Japanese Journal of Applied Physics</i> , 2000, 39, 5600-5603.	0.8	72
10	Aerosol deposition for post-LTCC. <i>Journal of the European Ceramic Society</i> , 2007, 27, 2789-2795.	2.8	64
11	High-Speed Optical Microscanner Driven with Resonance of Lam Waves Using Pb(Zr,Ti)O ₃ Thick Films Formed by Aerosol Deposition. <i>Japanese Journal of Applied Physics</i> , 2005, 44, 7072-7077.	0.8	60
12	Alumina Thick Films as Integral Substrates Using Aerosol Deposition Method. <i>Japanese Journal of Applied Physics</i> , 2004, 43, 5414-5418.	0.8	57
13	Fabrication and Evaluation of Lead-Free Piezoelectric Ceramic LF4 Thick Film Deposited by Aerosol Deposition Method. <i>Japanese Journal of Applied Physics</i> , 2006, 45, 7465-7470.	0.8	56
14	Preparation of Lithium Aluminum Titanium Phosphate Electrolytes Thick Films by Aerosol Deposition Method. <i>Journal of the American Ceramic Society</i> , 2011, 94, 3847-3850.	1.9	54
15	High-speed metal-based optical microscanners using stainless-steel substrate and piezoelectric thick films prepared by aerosol deposition method. <i>Sensors and Actuators A: Physical</i> , 2007, 135, 86-91.	2.0	49
16	Electrical properties of direct deposited piezoelectric thick film formed by gas deposition method annealing effect of the deposited films. <i>Ferroelectrics</i> , 1999, 231, 285-292.	0.3	47
17	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.	0.5	46
18	Deposition and Patterning Technique for Realization of Pb(Zr _{0.52} , Ti _{0.48})O ₃ Thick Film Micro Actuator. <i>Japanese Journal of Applied Physics</i> , 1998, 37, 7116-7119.	0.8	42

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19	Evaluation of Domain Boundary of Piezo/Ferroelectric Material by Ultrasonic Atomic Force Microscopy. Japanese Journal of Applied Physics, 2004, 43, 2907-2913.	0.8	42
20	Compression test system for a single submicrometer particle. Review of Scientific Instruments, 2005, 76, 093905.	0.6	39
21	Application of Gas Jet Deposition Method to Piezoelectric Thick Film Miniature Actuator. Japanese Journal of Applied Physics, 1998, 37, 5342-5344.	0.8	38
22	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.	0.8	37
23	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.	0.7	36
24	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.	0.8	35
25	Piezoelectric thick film fabricated with aerosol deposition and its application to piezoelectric devices. Japanese Journal of Applied Physics, 2018, 57, 07LA02.	0.8	35
26	Fiber laser annealing of nanocrystalline PZT thick film prepared by aerosol deposition. Applied Surface Science, 2009, 255, 9791-9795.	3.1	32
27	Cubic Aluminum Nitride Transformed Under Reduced Pressure Using Aerosol Deposition Method. Journal of the American Ceramic Society, 2005, 88, 1067-1069.	1.9	30
28	Hexagonal to cubic crystal structure transformation during aerosol deposition of aluminum nitride. Journal of Crystal Growth, 2005, 275, e1269-e1273.	0.7	29
29	Optical and electro-optical properties of Pb(Zr,Ti)O ₃ and (Pb,La)(Zr,Ti)O ₃ films prepared by aerosol deposition method. Journal of Crystal Growth, 2005, 275, e1275-e1280.	0.7	29
30	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.	1.9	27
31	Hydroxyapatite Coating on Titanium Plate with an Ultrafine Particle Beam. Japanese Journal of Applied Physics, 2003, 42, L120-L122.	0.8	26
32	Ceramic dielectric film for microwave filter deposited at room temperature. Journal of Crystal Growth, 2005, 275, e1313-e1319.	0.7	25
33	Hard $\hat{\pm}$ -Al ₂ O ₃ Film Coating on Industrial Roller Using Aerosol Deposition Method. Journal of Thermal Spray Technology, 2014, 23, 1373-1381.	1.6	25
34	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.	0.8	24
35	What Thickness of the Piezoelectric Layer with High Breakdown Voltage is Required for the Microactuator?. Japanese Journal of Applied Physics, 2002, 41, 3344-3347.	0.8	23
36	Title is missing!. Materia Japan, 2002, 41, 459-466.	0.1	23

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37	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
38	The aerosol deposition method. Synthesiology, 2008, 1, 121-130.	0.2	23
39	Formation and characterization of polyethylene terephthalate-based (Bi _{0.15} Sb _{0.85}) ₂ Te ₃ thermoelectric modules with CoSb ₃ adhesion layer by aerosol deposition. Journal of Alloys and Compounds, 2014, 589, 56-60.	2.8	23
40	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.	0.8	21
41	Hydroxyapatite film formed by particle beam irradiation. Vacuum, 2004, 73, 629-633.	1.6	21
42	Theoretical and Experimental Investigation of Propagation of Guide Waves in Cylindrical Pipe Filled with Fluid. Japanese Journal of Applied Physics, 2006, 45, 4573-4576.	0.8	21
43	Ultra small electro-optic field probe fabricated by aerosol deposition. IEICE Electronics Express, 2007, 4, 26-32.	0.3	21
44	NiZnCu Ferrite Thick Film with Nano Scale Crystallites Formed by the Aerosol Deposition Method. Journal of the American Ceramic Society, 2004, 87, 1621-1624.	1.9	20
45	Size-dependent quasi Brittle→Ductile transition of single crystalline alpha-alumina particles during microcompression tests. Acta Materialia, 2020, 195, 588-596.	3.8	20
46	Aerosol Deposition Method for Preparation of Lead Zirconate Titanate Thick Layer at Low Temperature →Improvement of Electrical Properties by Irradiation of Fast Atom Beam and Plasma←. Japanese Journal of Applied Physics, 2003, 42, 5931-5935.	0.8	19
47	Dielectric Characteristics of Ferroelectric Films Prepared by Aerosol Deposition in THz Range. Japanese Journal of Applied Physics, 2005, 44, 6918-6922.	0.8	19
48	Piezoelectric Thick Film Deposition via Powder/Granule Spray in Vacuum: A Review. Actuators, 2020, 9, 59.	1.2	19
49	Temperature Dependence of Dielectric Properties of Barium Titanate Ceramic Films Prepared by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2010, 49, 09MA10.	0.8	18
50	Multilayer Construction with Various Ceramic Films for Electronic Devices Fabricated by Aerosol Deposition. International Journal of Applied Ceramic Technology, 2006, 3, 419-427.	1.1	17
51	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.	0.8	16
52	Microstructures and Magnetic Properties of Sm-Fe-N Thick Films Produced by the Aerosol Deposition Method. Materials Transactions, 2004, 45, 369-372.	0.4	16
53	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.	0.8	16
54	Patterning Properties of Lead Zirconate Titanate (PZT) Thick Films Made by Aerosol Deposition. IEEE Transactions on Sensors and Micromachines, 2000, 120, 600-601.	0.0	15

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55	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.	0.8	15
56	Fine patterning of ceramic thick layer on aerosol deposition by lift-off process using photoresist. Journal of Electroceramics, 2009, 22, 319-326.	0.8	15
57	Embedded Capacitor Technology Using Aerosol Deposition. International Journal of Applied Ceramic Technology, 2010, 7, E23.	1.1	15
58	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.	0.8	15
59	Point source diffraction and its use in an encoder. Applied Optics, 1988, 27, 4777.	2.1	14
60	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.	0.5	14
61	Patterning Properties of PZT Thick Films Made by Aerosol Deposition. Ferroelectrics, 2002, 270, 117-122.	0.3	13
62	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.	0.8	13
63	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.	0.5	13
64	Title is missing!. Journal of the Society of Powder Technology, Japan, 2003, 40, 192-200.	0.0	12
65	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.	0.7	12
66	Theoretical Investigation of Guide Wave Flowmeter. Japanese Journal of Applied Physics, 2007, 46, 4521.	0.8	12
67	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.	1.7	12
68	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
69	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, .	1.1	11
70	Magnetic properties and microstructures of the aerosol-deposited permanent magnet films. Journal of Magnetism and Magnetic Materials, 2004, 272-276, E1881-E1882.	1.0	10
71	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.	0.8	10
72	Effects of Al ion implantation on the strength of Al ₂ O ₃ particles. Surface and Coatings Technology, 2007, 201, 8180-8184.	2.2	9

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73	Abnormal distribution of defects introduced into MgO single crystals by MeV ion implantation. Nuclear Instruments & Methods in Physics Research B, 2003, 206, 157-161.	0.6	8
74	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.	2.8	8
75	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.	1.9	8
76	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.	0.8	8
77	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.	1.7	8
78	Hydroxyapatite film coated on poly-L-lactic acid by Aerosol Deposition Method. Journal of the Ceramic Society of Japan, 2010, 118, 417-420.	0.5	8
79	Ceramic Coatings Deposited from Fine Particles by Different Spraying Processes. Journal of Thermal Spray Technology, 2020, 29, 2033-2047.	1.6	8
80	On-Demand MEMS Device Production System by Module-Based Microfactory. International Journal of Automation Technology, 2010, 4, 110-116.	0.5	8
81	<title>Characterization and application of jet-printed thin PZT layers for actuation of MEMS</title>. Proceedings of SPIE, 1997, 3242, 380.	0.8	7
82	New functional ceramic deposition method for MEMS. Ferroelectrics, 1999, 224, 331-337.	0.3	7
83	Aerosol Deposition Method (ADM) for Nano-Crystal Ceramics Coating Without Firing. Materials Research Society Symposia Proceedings, 2003, 779, 7101.	0.1	7
84	Hydroxyapatite Film Formation on Polylactic Acid Plate by Aerosol Beam Irradiation. Japanese Journal of Applied Physics, 2006, 45, 7840-7844.	0.8	7
85	Title is missing!. Synthesiology, 2008, 1, 130-138.	0.2	7
86	Room Temperature Coating (AD method) and Application Possibility to 3D Molding. Journal of Smart Processing, 2014, 3, 158-166.	0.0	7
87	Microstrip Band Pass Filter of GHz Region Employing Aerosol-Deposited Alumina Thick Films. Integrated Ferroelectrics, 2004, 66, 301-310.	0.3	6
88	Effect of Applied Magnetic Field on Magnetic Properties of Sm-Fe-N Films Prepared by Aerosol Deposition Method. Materials Transactions, 2004, 45, 2626-2629.	0.4	6
89	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.	1.7	6
90	Lanthanum-Modified Lead Zirconate Titanate Electro-Optic Modulators Fabricated Using Aerosol Deposition for LSI Interconnects. Japanese Journal of Applied Physics, 2009, 48, 09KA06.	0.8	6

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91	Statistical Evaluation of Mechanical Properties of Thermally Sprayed Alumina Coatings by Nanoindentation Method. <i>Materials Transactions</i> , 2021, 62, 252-260.	0.4	6
92	Al ₂ O ₃ coated glass by aerosol deposition with excellent mechanical properties for mobile electronic displays. <i>Ceramics International</i> , 2021, 47, 30531-30535.	2.3	6
93	Mechanical and Electrical Properties of Al ₂ O ₃ Thin Films on Metals, Ceramics and Resins Prepared by Aerosol Deposition Method. <i>Ceramic Engineering and Science Proceedings</i> , 0, , 121-125.	0.1	6
94	Piezoelectric Film Response Studied with Finite Element Method. <i>Journal of the American Ceramic Society</i> , 2006, 89, 3715-3720.	1.9	5
95	MICROSTRUCTURE OF CERAMIC THICK FILM FORMED BY AEROSOL DEPOSITION AND ITS APPLICATIONS TO MICROACTUATOR. <i>Integrated Ferroelectrics</i> , 2006, 80, 55-65.	0.3	5
96	THz spectroscopy of ion-implanted MgO crystals. <i>Nuclear Instruments & Methods in Physics Research B</i> , 2007, 257, 545-548.	0.6	5
97	Optical properties of Pb(Zr,Ti)O ₃ films prepared by aerosol deposition. <i>IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control</i> , 2008, 55, 975-979.	1.7	5
98	Fabrication and Characterization of Optical Micro-Electro-Mechanical System Scanning Devices Using BaTiO ₃ -Based Lead-Free Piezoelectric-Coated Substrate Sheet by Aerosol Deposition. <i>Japanese Journal of Applied Physics</i> , 2011, 50, 09ND19.	0.8	5
99	Ultra small magneto-optic field probe fabricated by aerosol deposition. <i>IEICE Electronics Express</i> , 2007, 4, 542-548.	0.3	4
100	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. <i>Japanese Journal of Applied Physics</i> , 2010, 49, 09MA13.	0.8	4
101	Polarization and leakage current properties of self-supported bismuth sodium titanate ceramic films deposited by aerosol deposition method. <i>Journal of the Ceramic Society of Japan</i> , 2013, 121, 664-669.	0.5	4
102	Synchrotron radiation X-ray diffraction evidence for nature of chemical bonds in Bi ₄ Ti ₃ O 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.	0.8	4
103	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.	0.8	4
104	Nanoporous MgAl ₂ O ₄ coating on porous Al ₂ O ₃ support by aerosol deposition method for organic polymer filtration membrane. <i>Journal of the Ceramic Society of Japan</i> , 2022, 130, 320-323.	0.5	4
105	The Current Status of Environmental Barrier Coatings and Future Direction of Thermal Spray Process. <i>Materials Transactions</i> , 2022, , .	0.4	4
106	High-precision detection method for the reference position in an optical encoder. <i>Applied Optics</i> , 1993, 32, 2315.	2.1	3
107	Photostrictive actuators and its some characteristics. <i>Ferroelectrics</i> , 1999, 232, 259-264.	0.3	3
108	Microstructure and magnetic properties of aerosol-deposited Sm-Fe-N thick films. <i>Electrical Engineering in Japan (English Translation of Denki Gakkai Ronbunshi)</i> , 2007, 158, 8-13.	0.2	3

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109	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.	0.3	3
110	Aerosol deposition of .ALPHA.-TCP on a Ti surface. Journal of the Ceramic Society of Japan, 2010, 118, 502-507.	0.5	3
111	Aerosol-Deposited BiVO4 Photoelectrodes for Hydrogen Generation. Journal of Thermal Spray Technology, 2021, 30, 603-616.	1.6	3
112	Relationship between dielectric strength and mechanical properties of alumina films fabricated by aerosol deposition. Ceramics International, 2022, 48, 28815-28821.	2.3	3
113	Optical emission generated by particle impact during aerosol deposition of alumina films. Journal of Asian Ceramic Societies, 2022, 10, 40-48.	1.0	3
114	Intelligent Materials Synthesis Based on Millimeter-Wave Heating and SPS Methods. Materials Science Forum, 2007, 539-543, 3219-3224.	0.3	2
115	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
116	Barium Titanate-Based Materials – a Window of Application Opportunities. , 2011, , .		2
117	Polarization Properties of Bismuth Strontium Tantalate Ceramic Films Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2012, 51, 09LA17.	0.8	2
118	Polarization Properties of Bismuth Strontium Tantalate Ceramic Films Deposited by Aerosol Deposition Method. Japanese Journal of Applied Physics, 2012, 51, 09LA17.	0.8	2
119	Chlorhexidine-filled porous ceramic coating fabricated by the aerosol deposition method for immediate and long-term enveloped virus inactivation. Journal of Asian Ceramic Societies, 2022, 10, 465-472.	1.0	2
120	<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
121	Thick PZT film/stainless steel actuator fabricated by aerosol deposition method: fatigue property. , 2002, 4936, 345.		1
122	Optical scanning devices based on PZT thick films formed by aerosol deposition method. , 2005, 6037, 474.		1
123	ã,“ã,çãfã,¾ãf«ãf‡ãfã,ã,ãf\$ãf³æ³•ã©é»ããf‡ãfã,ã,1ãã@ã¿œç””ã±•é–«. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan		
124	Wide Range Dielectric Spectroscopy of SrTiO<inf>3</inf>-SrZrO<inf>3</inf> Solid Solution. , 2006, , .		1
125	Fabrication of Microstrip Band Pass Filters in GHz Region by Aerosol Deposition Process. Key Engineering Materials, 2006, 301, 117-120.	0.4	1
126	Temperature Properties of PZT Actuated High-Speed Metal-Based Optical Resonant Scanners. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1

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127	Transparent Metal-Ferroelectric nanocomposite thick films prepared by Aerosol Deposition Method. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
128	Dielectric Characteristics of PZT Films Prepared by Aerosol Deposition in Millimeter Wave Range. Applications of Ferroelectrics, IEEE International Symposium on, 2007, , .	0.0	1
129	Evaluation of Dielectric Properties of Ferroelectric Fine Particles Fabricated by Focused Ion Beam Technique. Japanese Journal of Applied Physics, 2007, 46, 7024-7027.	0.8	1
130	Recent Progress in Multilayer Ceramic Devices. Ceramic Transactions, 2010, , 43-54.	0.1	1
131	Ceramic Coating at Room Temperature with Aerosol Deposition Method. Journal of the Vacuum Society of Japan, 2011, 54, 118-127.	0.3	1
132	Ferroelectric Polarization Properties in High-Performance Bismuth Sodium Titanate Single Crystals. Key Engineering Materials, 2011, 485, 7-10.	0.4	1
133	Aerosol Deposition Method for Room-Temperature Ceramic Coating and Its Applications. , 2013, , 847-860.		1
134	Formation of Tough Foundation Layer for Electrical Plating on Insulator using Aerosol Deposition Method of Cu-Al ₂ O ₃ Mixed Powder. Ceramic Transactions, 2014, , 17-22.	0.1	1
135	Aerosol Deposition Method. , 2021, , 107-127.		1
136	Non-contact Air Holding Mechanism for Inspection of Pipe Inner Walls. Journal of Nuclear Science and Technology, 1998, 35, 952-957.	0.7	0
137	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
138	Fabrication of microfluidic devise (diffuser or mixer) using aerosol deposition method. , 2002, , .		0
139	Microwave Dielectric Film by Aerosol Deposition Method. Key Engineering Materials, 2004, 269, 211-214.	0.4	0
140	Title is missing!. Hyomen Gijutsu/Journal of the Surface Finishing Society of Japan, 2005, 56, 754-762.	0.1	0
141	Transparent electrooptical nanocomposite thick films by serosol deposition method for application to ultrahigh-speed optical switches. , 2006, , .		0
142	Wide Range Dielectric Spectroscopy of SrTiO ₃ - SrZrO ₃ Solid Solution. Applications of Ferroelectrics, IEEE International Symposium on, 2006, , .	0.0	0
143	Practical High-Speed Metal-Based Optical Microscanning Devices with Low Production Cost. , 0, , .		0
144	CONTROL OF NANOSTRUCTURE OF MATERIALS. , 2008, , 177-265.		0

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145	Fabrication of ferroelectric optical nanocomposite thick films by aerosol deposition method. , 2008, ,		0
146	Physical and Electrical Properties of (Ba _{0.6} ,Sr _{0.4})TiO ₃ ; Ferroelectric Thick Films Prepared by Aerosol Deposition Technique. Key Engineering Materials, 0, 388, 163-166.	0.4	0
147	Laser-Anneal of Metal-Based Micro Optical Scanner Derived by Aerosol Deposition. Key Engineering Materials, 2008, 388, 195-198.	0.4	0
148	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
149	CO2 laser annealing of Pb(Zr,Ti)O ₃ aerosol-deposition film on stainless-steel-sheet. , 2005, , 249-252.		0
150	Annealing Process without Thermal Damage of Substrate by Laser Annealing for Electronic Ceramics Thick Films Fabricated by Aerosol Deposition Technique. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2009, 56, 177-182.	0.1	0
151	Periodic Microstructures Formation on Plastic Plate by Aerosol Beam Irradiation. Journal of High Temperature Society, 2010, 36, 300-302.	0.1	0
152	An Aerosol Deposition Method and its Application to Make Mems Devices. Ceramic Transactions, 0, , 245-254.	0.1	0
153	Fabrication of Ceramics Films on a Plastic Substrate by Advanced Coating Techniques (AD,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	0.0	0
154	Aggregate ceramic films produced at room temperature by press forming. Journal of the American Ceramic Society, 2020, 103, 3479-3492.	1.9	0