

Tetsuo Uchikoshi

List of Publications by Year in descending order

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166
papers

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218677

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167
all docs

167
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167
times ranked

1906
citing authors

#	ARTICLE	IF	CITATIONS
1	Video Processing Electrophoretic Measurements under High Electric Fields for Sub-millimeter Particles in Oil. <i>Journal of Oleo Science</i> , 2022, 71, 445-457.	1.4	1
2	Light-dependent ionic-electronic conduction in an amorphous octahedral molybdenum cluster thin film. <i>NPC Asia Materials</i> , 2022, 14, .	7.9	11
3	Effect of CNT addition and its orientation on thermal shock resistance of B ₄ C/CNT composites fabricated by hot-pressing. <i>Journal of Asian Ceramic Societies</i> , 2022, 10, 370-377.	2.3	2
4	Two-step electrochemical deposition of Ni(OH) ₂ /FeOOH bilayer electrocatalyst for oxygen evolution reaction. <i>Materials Letters</i> , 2022, 317, 132118.	2.6	5
5	Evidence of the Ambipolar Behavior of Mo ₆ Cluster Iodides in All-Inorganic Solar Cells: A New Example of Nanoarchitectonic Concept. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 1347-1354.	8.0	19
6	Nanoarchitectonics of Glass Coatings for Near-Infrared Shielding: From Solid-State Cluster-Based Niobium Chlorides to the Shaping of Nanocomposite Films. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 21116-21130.	8.0	4
7	Material Texture and $\hat{1}\pm\hat{1}^2$ Phase Transition of Self-assembled BaTiO ₃ /Polyvinylidene Fluoride Composites. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2022, 69, 195-199.	0.2	3
8	Fabrication and characterization of zeolite bulk body containing mesopores and macropores using starch as pore-forming agent. <i>Advanced Powder Technology</i> , 2022, 33, 103626.	4.1	5
9	Controlling the Deposition Process of Nanoarchitectonic Nanocomposites Based on {Nb ₆ X ₁₂ } _n Octahedral Cluster-Based Building Blocks (X = Cl, Br; 0 ≤ n ≤ 6, n = 2, 3, 4) for UV-NIR Blockers Coating Applications. <i>Nanomaterials</i> , 2022, 12, 2052.	4.1	3
10	Hafnium Oxide Nanostructured Thin Films: Electrophoretic Deposition Process and DUV Photolithography Patterning. <i>Nanomaterials</i> , 2022, 12, 2334.	4.1	4
11	Fabrication of textured B ₄ C ceramics with oriented tubal pores by strong magnetic field-assisted colloidal processing. <i>Journal of the European Ceramic Society</i> , 2021, 41, 2366-2374.	5.7	4
12	Fabrication of BSCF-based mixed oxide ionic-electronic conducting multi-layered membrane by sequential electrophoretic deposition process. <i>Journal of the European Ceramic Society</i> , 2021, 41, 2709-2715.	5.7	10
13	Revisiting properties of edge-bridged bromide tantalum clusters in the solid-state, in solution and vice versa: an intertwined experimental and modelling approach. <i>Dalton Transactions</i> , 2021, 50, 8002-8016.	3.3	11
14	Development of novel bone-like nanocomposite coating of hydroxyapatite/collagen on titanium by modified electrophoretic deposition. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 1905-1911.	4.0	13
15	Microstructure Control of Ceramic Functional Membrane by Electrophoretic Deposition Method and Its Application to Oxygen Separation Membrane using Mixed Ionic-Electronic Conductor. <i>Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy</i> , 2021, 68, 121-128.	0.2	0
16	Production of crystal-oriented lanthanum silicate oxyapatite ceramics with anisotropic electrical conductivity and thermal expansion. <i>Open Ceramics</i> , 2021, 6, 100100.	2.0	3
17	Solution-Based Approach for the Continuous Fabrication of Thin Lithium-Ion Battery Electrodes by Wet Mechanochemical Synthesis and Electrophoretic Deposition. <i>Advanced Engineering Materials</i> , 2021, 23, 2100524.	3.5	4
18	Robust, Transparent Hybrid Thin Films of Phase-Change Material Sb ₂ S ₃ Prepared by Electrophoretic Deposition. <i>ACS Applied Energy Materials</i> , 2021, 4, 9891-9901.	5.1	15

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19	Antibacterial-functionalized Ag loaded-hydroxyapatite (HAp) coatings fabricated by electrophoretic deposition (EPD) process. <i>Materials Letters</i> , 2021, 297, 129955.	2.6	3
20	Sequenced Successive Ionic Layer Adsorption and Reaction for Rational Design of Ni(OH) ₂ /FeOOH Heterostructures with Tailored Catalytic Properties. <i>ACS Applied Energy Materials</i> , 2021, 4, 8252-8261.	5.1	6
21	Synthesis of novel hexamolybdenum cluster-functionalized copper hydroxide nanocomposites and its catalytic activity for organic molecule degradation. <i>Science and Technology of Advanced Materials</i> , 2021, 22, 758-771.	6.1	3
22	Effect of crystalline orientation on photocatalytic performance for Nb-doped TiO ₂ nanoparticles. <i>Advanced Powder Technology</i> , 2021, 32, 4149-4154.	4.1	5
23	Shell-thickness control of hollow SiO ₂ nanoparticles through post-treatment using sol-gel technique toward efficient water confinement. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 629, 127501.	4.7	2
24	Effect of site ion nonstoichiometry on the chemical stability and electric conductivity of strontium and magnesium-doped lanthanum gallate. <i>Journal of the American Ceramic Society</i> , 2020, 103, 790-799.	3.8	4
25	Nest-like microstructured biocompatible membrane fabricated by hydrothermally-synthesized hydroxyapatite (HAp) whiskers. <i>Journal of the European Ceramic Society</i> , 2020, 40, 513-520.	5.7	9
26	Solution-mediated nanometric growth of Fe ₂ O ₃ with electrocatalytic activity for water oxidation. <i>Nanoscale Advances</i> , 2020, 2, 3933-3941.	4.6	3
27	Electrophoretically Deposited Layers of Octahedral Molybdenum Cluster Complexes: A Promising Coating for Mitigation of Pathogenic Bacterial Biofilms under Blue Light. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 52492-52499.	8.0	23
28	Zn-Al layered double hydroxide-based nanocomposite functionalized with an octahedral molybdenum cluster exhibiting prominent photoactive and oxidation properties. <i>Applied Clay Science</i> , 2020, 196, 105765.	5.2	16
29	Effect of Surface Modification with TiO ₂ Coating on Improving Filtration Efficiency of Whisker-Hydroxyapatite (HAp) Membrane. <i>Coatings</i> , 2020, 10, 670.	2.6	6
30	Fabrication of polystyrene colloidal crystal film by electrophoretic deposition. <i>Advanced Powder Technology</i> , 2020, 31, 3085-3092.	4.1	13
31	Robust Structurally Colored Coatings Composed of Colloidal Arrays Prepared by the Cathodic Electrophoretic Deposition Method with Metal Cation Additives. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40768-40777.	8.0	12
32	Rapid Growth of Colloidal Crystal Films from the Concentrated Aqueous Ethanol Suspension. <i>Langmuir</i> , 2020, 36, 10683-10689.	3.5	6
33	Zn-Al Layered Double Hydroxide Film Functionalized by a Luminescent Octahedral Molybdenum Cluster: Ultraviolet-Visible Photoconductivity Response. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 40495-40509.	8.0	15
34	Original Synthesis of Molybdenum Nitrides Using Metal Cluster Compounds as Precursors: Applications in Heterogeneous Catalysis. <i>Chemistry of Materials</i> , 2020, 32, 6026-6034.	6.7	11
35	Fabrication of porous (Ba,Sr)(Co,Fe)O _{3-δ} (BSCF) ceramics using gelatinization and retrogradation phenomena of starch as pore-forming agent. <i>Ceramics International</i> , 2020, 46, 13047-13053.	4.8	16
36	Synthesis of Eu-doped hydroxyapatite whiskers and fabrication of phosphor layer via electrophoretic deposition process. <i>Journal of the American Ceramic Society</i> , 2020, 103, 6780-6792.	3.8	6

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37	Significantly improved photoluminescence of the green-emitting TiO_2 phosphor via surface coating of TiO_2 . Journal of the American Ceramic Society, 2019, 102, 294-302.	3.8	5
38	Fabrication of BSCF-based mixed ionic-electronic conducting membrane by electrophoretic deposition for oxygen separation application. Journal of the European Ceramic Society, 2019, 39, 5292-5297.	5.7	9
39	Controllable Design of Various Microstructures for Hydroxyapatite Coatings by Electrophoresis Deposition Process for Biomedical Applications. Journal of the Electrochemical Society, 2019, 166, D700-D706.	2.9	5
40	Effect of Al_2O_3 addition on texturing in a rotating strong magnetic field and densification of B4C. Ceramics International, 2019, 45, 18222-18228.	4.8	12
41	Transparent functional nanocomposite films based on octahedral metal clusters: synthesis by electrophoretic deposition process and characterization. Royal Society Open Science, 2019, 6, 181647.	2.4	13
42	Surface Modification on Cellulose Nanofibers by TiO_2 Coating for Achieving High Capture Efficiency of Nanoparticles. Coatings, 2019, 9, 139.	2.6	9
43	Anisotropic Electric Conductivity and Battery Performance in c -axis Oriented Lanthanum Silicate Oxyapatite Prepared by Slip Casting in a Strong Magnetic Field. Materials Transactions, 2019, 60, 1949-1953.	1.2	5
44	Rapid Fabrication of Colloidal Crystal Films by Electrophoretic Deposition and Its Application for a Volatile Liquid and Strain Detection Sensor. Journal of the Society of Powder Technology, Japan, 2019, 56, 339-346.	0.1	2
45	Fabrication of lead-free piezoelectric $(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ ceramics using electrophoretic deposition. Journal of Materials Science, 2018, 53, 2396-2404.	3.7	14
46	Observation of stacking faults and photoluminescence of laurate ion intercalated Zn/Al layered double hydroxide. Materials Letters, 2018, 213, 323-325.	2.6	8
47	Anisotropic Electronic Conductivity and Battery Performance in c -axis Oriented Lanthanum Silicate Oxyapatite Prepared by Slip Casting in a Strong Magnetic Field. Funtai Oyobi Fummatsu Yakin/Journal of the Japan Society of Powder and Powder Metallurgy, 2018, 65, 121-126.	0.2	0
48	Preparation of textured B_4C compact with oriented pore-forming agent by slip casting under strong magnetic field. Journal of the Ceramic Society of Japan, 2018, 126, 832-838.	1.1	3
49	Extended Study on Electrophoretic Deposition Process of Inorganic Octahedral Metal Clusters: Advanced Multifunctional Transparent Nanocomposite Thin Films. Bulletin of the Chemical Society of Japan, 2018, 91, 1763-1774.	3.2	26
50	Embedding hexanuclear tantalum bromide cluster $\{\text{Ta}_6\text{Br}_{12}\}$ into SiO_2 nanoparticles by reverse microemulsion method. Heliyon, 2018, 4, e00654.	3.2	9
51	Effect of ball-milling time and surfactant content for fabrication of $0.85(\text{Bi}_{0.5}\text{Na}_{0.5})\text{TiO}_3$ green ceramics by electrophoretic deposition. Journal of the Ceramic Society of Japan, 2018, 126, 542-546.	1.1	4
52	New ultra-violet and near-infrared blocking filters for energy saving applications: fabrication of tantalum metal atom cluster-based nanocomposite thin films by electrophoretic deposition. Journal of Materials Chemistry C, 2017, 5, 10477-10484.	5.5	41
53	Mo_6 cluster-based compounds for energy conversion applications: comparative study of photoluminescence and cathodoluminescence. Science and Technology of Advanced Materials, 2017, 18, 458-466.	6.1	37
54	Magnetic properties of Fe^{3+} - Fe_{16}N_2 -like compound derived from Fe_3O_4 fine powder coated on hard magnetic $\text{BaFe}_{12}\text{O}_{19}$ particles. Journal of Magnetism and Magnetic Materials, 2017, 443, 73-78.	2.3	3

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55	Colloidal processing of $\text{Li}_2\text{S-P}_2\text{S}_5$ films fabricated via electrophoretic deposition methods and their characterization as a solid electrolyte for all solid state lithium ion batteries. Journal of the Ceramic Society of Japan, 2017, 125, 287-292.	1.1	10
56	Electrophoretic Coating of Octahedral Molybdenum Metal Clusters for UV/NIR Light Screening. Coatings, 2017, 7, 114.	2.6	13
57	Electrophoretic fabrication of a-b plane oriented La_2NiO_4 cathode onto electrolyte in strong magnetic field for low-temperature operating solid oxide fuel cell. Journal of the European Ceramic Society, 2016, 36, 4077-4082.	5.7	19
58	Triaxial Crystalline Orientation of MgTi_2O_5 Achieved Using a Strong Magnetic Field and Geometric Effect. Journal of the American Ceramic Society, 2016, 99, 1852-1854.	3.8	7
59	Prevention of thermal- and moisture-induced degradation of the photoluminescence properties of the $\text{Sr}_2\text{Si}_5\text{N}_8\text{:Eu}^{2+}$ red phosphor by thermal post-treatment in N_2 . Physical Chemistry Chemical Physics, 2016, 18, 12494-12504.	2.8	36
60	Inorganic Molybdenum Clusters as Light Harvesters in All Inorganic Solar Cells: A Proof of Concept. ChemistrySelect, 2016, 1, 2284-2289.	1.5	35
61	Visible tunable lighting system based on polymer composites embedding ZnO and metallic clusters: from colloids to thin films. Science and Technology of Advanced Materials, 2016, 17, 443-453.	6.1	25
62	Sinterable powder fabrication of lanthanum silicate oxyapatite based on solid-state reaction method. Journal of the Ceramic Society of Japan, 2015, 123, 274-279.	1.1	8
63	Fabrication of (111)-oriented Tetragonal BaTiO_3 Ceramics by an Electrophoretic Deposition in a High Magnetic Field. Transactions of the Materials Research Society of Japan, 2015, 40, 223-226.	0.2	8
64	Influence of the crystal structure on the physical properties of monoclinic ZrO_2 nanocrystals. Nano Structures Nano Objects, 2015, 1, 1-6.	3.5	3
65	Reduced thermal degradation of the red-emitting $\text{Sr}_2\text{Si}_5\text{N}_8\text{:Eu}^{2+}$ phosphor via thermal treatment in nitrogen. Journal of Materials Chemistry C, 2015, 3, 7642-7651.	5.5	60
66	Effect of Electrode Reactions during Aqueous Electrophoretic Deposition on Bulk Suspension Properties and Deposition Quality. Key Engineering Materials, 2015, 654, 3-9.	0.4	7
67	UV Protection Mechanism and Property of Functional Ceramic Particles. Hyomen Kagaku, 2014, 35, 45-49.	0.0	0
68	Phosphor Deposits of $\beta\text{-SiAlON:Eu}^{2+}$ Mixed with SnO_2 Nanoparticles Fabricated by the Electrophoretic Deposition (EPD) Process. Materials, 2014, 7, 3623-3633.	2.9	11
69	Crystalline-Oriented $\beta\text{-SiAlON:Eu}^{2+}$ Deposits Fabricated by Electrophoretic Deposition (EPD) within Strong Magnetic Field. ECS Journal of Solid State Science and Technology, 2014, 3, R195-R199.	1.8	2
70	Interaction between A-site deficient $\text{La}_{0.8}\text{Sr}_{0.2}\text{Ga}_{0.8}\text{Mg}_{0.2}\text{O}_{3-\delta}$ (LSGM8282) and $\text{Ce}_{0.9}\text{Gd}_{0.1}\text{O}_{3-\delta}$ (GDC) electrolytes. Solid State Ionics, 2014, 258, 18-23.	2.7	6
71	$\beta\text{-SiAlON}$ phosphor deposits fabricated by electrophoretic deposition (EPD) process in a magnetic field. Ceramics International, 2014, 40, 8369-8375.	4.8	11
72	Positional-dependent luminescence property of $\beta\text{-SiAlON:Eu}^{2+}$ phosphor particle. Applied Physics Letters, 2014, 104, .	3.3	8

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73	Magnesium ion distribution and defect concentrations of MgO-doped lanthanum silicate oxyapatite. Solid State Ionics, 2014, 258, 24-29.	2.7	4
74	Grain orientation of Nd-modified bismuth titanate ceramics by forming at low magnetic field. Journal of the Ceramic Society of Japan, 2014, 122, 58-62.	1.1	3
75	Fabrication of Textured Ceramics Using Mn and Nb-doped Hexagonal BaTiO ₃ by an Electrophoretic Deposition in a High Magnetic Field. Transactions of the Materials Research Society of Japan, 2014, 39, 199-202.	0.2	1
76	Surface modification of Ca- $\hat{\pm}$ -SiAlON: Eu ²⁺ phosphor particles by SiO ₂ coating and fabrication of its deposit by electrophoretic deposition (EPD) process. Applied Surface Science, 2013, 280, 229-234.	6.1	28
77	The Characteristic of Inner Surface Coating on Porous Al ₂ O ₃ Tube by Electrophoretic Deposition. Key Engineering Materials, 2013, 545, 19-23.	0.4	1
78	Two-Dimensional Orientation in Bi ₄ Ti ₃ O ₁₂ Prepared Using Platelet Particles and a Magnetic Field. Journal of the American Ceramic Society, 2013, 96, 1085-1089.	3.8	15
79	Ideal design of textured LiCoO ₂ sintered electrode for Li-ion secondary battery. APL Materials, 2013, 1, .	5.1	20
80	pH localization: a case study during electrophoretic deposition of ternary MAX phase carbide-Ti ₃ SiC ₂ . Journal of the Ceramic Society of Japan, 2013, 121, 348-354.	1.1	23
81	Electrophoretic deposition of orientation-controlled zeolite L layer on porous ceramic substrate. Journal of the Ceramic Society of Japan, 2013, 121, 370-372.	1.1	5
82	Hydrothermal transformation of magnetically orientation-controlled seed layer into orientation-retained dense, continuous film in clear reaction solution. Journal of the Ceramic Society of Japan, 2013, 121, 550-554.	1.1	1
83	Fabrication of textured $\hat{\pm}$ -alumina in high magnetic field via gelcasting with the use of glucose derivative. Journal of the Ceramic Society of Japan, 2013, 121, 89-94.	1.1	7
84	Fabrication of Textured BaTiO ₃ Ceramics by Electrophoretic Deposition in A High Magnetic Field using Single-domain Particles. Transactions of the Materials Research Society of Japan, 2013, 38, 41-44.	0.2	4
85	Orientation Control of Hematite via Transformation of Textured Goethite Prepared by EPD in a Strong Magnetic Field. Key Engineering Materials, 2012, 507, 227-231.	0.4	1
86	Textured Ti ₃ SiC ₂ by gelcasting in a strong magnetic field. Journal of the Ceramic Society of Japan, 2012, 120, 544-547.	1.1	11
87	Fabrication and Analysis of the Oriented LiCoO ₂ by Slip Casting in a Strong Magnetic Field. Journal of the American Ceramic Society, 2012, 95, 3428-3433.	3.8	11
88	Electrophoretic Deposition of Ti ₃ SiC ₂ and Texture Development in a Strong Magnetic Field. Journal of the American Ceramic Society, 2012, 95, 2857-2862.	3.8	27
89	Optical and adhesive properties of composite silica-impregnated Ca- $\hat{\pm}$ -SiAlON:Eu ²⁺ phosphor films prepared on silica glass substrates. Journal of the European Ceramic Society, 2012, 32, 1365-1369.	5.7	7
90	Influence of niobium doping on phase composition and defect-mediated photoluminescence properties of Eu ³⁺ -doped TiO ₂ nanopowders synthesized in Ar/O ₂ thermal plasma. Journal of Alloys and Compounds, 2011, 509, 8944-8951.	5.5	5

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91	Texture development in anatase and rutile prepared by slip casting in a strong magnetic field. Journal of the Ceramic Society of Japan, 2011, 119, 334-337.	1.1	13
92	Texture development of surface-modified SiC prepared by EPD in a strong magnetic field. Journal of the Ceramic Society of Japan, 2011, 119, 667-671.	1.1	4
93	Preparation and Characterization of Grain-Oriented Barium Titanate Ceramics Using Electrophoresis Deposition Method under a High Magnetic Field. Key Engineering Materials, 2011, 485, 313-316.	0.4	4
94	High-concentration niobium (V) doping into TiO ₂ nanoparticles synthesized by thermal plasma processing. Journal of Materials Research, 2011, 26, 658-671.	2.6	17
95	Microstructure Control of Barium Titanate – Potassium Niobate Solid Solution System Ceramics by MPB Engineering and their Piezoelectric Properties. Key Engineering Materials, 2011, 485, 89-92.	0.4	9
96	Emission color tuning of laminated and mixed SiAlON phosphor films by electrophoretic deposition. Journal of the Ceramic Society of Japan, 2010, 118, 1-4.	1.1	20
97	Fabrication of c-axis oriented zinc oxide by electrophoretic deposition in a rotating magnetic field. Journal of the European Ceramic Society, 2010, 30, 1171-1175.	5.7	13
98	Experimental verification of pH localization mechanism of particle consolidation at the electrode/solution interface and its application to pulsed DC electrophoretic deposition (EPD). Journal of the European Ceramic Society, 2010, 30, 1187-1193.	5.7	70
99	Forming and Microstructure Control of Ceramics by Electrophoretic Deposition (EPD). KONA Powder and Particle Journal, 2010, 28, 74-90.	1.7	31
100	Electrophoretic Deposition of LDC/LSGM/LDC Tri-layers on NiO-YSZ for Anode-supported SOFC. Transactions of the Materials Research Society of Japan, 2010, 35, 723-725.	0.2	2
101	Enhanced Piezoelectric Properties of Barium Titanate-Potassium Niobate Solid Solution System Ceramics by MPB Engineering. Key Engineering Materials, 2010, 445, 11-14.	0.4	9
102	Synthesis, Microstructure and Mechanical Properties of ZrB ₂ Ceramic Prepared by Mechanical Alloying and Spark Plasma Sintering. Key Engineering Materials, 2010, 434-435, 165-168.	0.4	1
103	Sedimentation classification treatment effect of starting powders in slip casting on magneto-orientation of mordenite zeolite. Transactions of the Materials Research Society of Japan, 2010, 35, 701-703.	0.2	2
104	Magnetic orientation and magnetic anisotropy in paramagnetic layered oxides containing rare-earth ions. Science and Technology of Advanced Materials, 2009, 10, 014604.	6.1	35
105	Photoanode characteristics of dye-sensitized solar cell containing TiO ₂ layers with different crystalline orientations. Journal of Materials Research, 2009, 24, 1417-1421.	2.6	8
106	Formation of Crystalline-Oriented Titania Thin Films on ITO Glass Electrodes by EPD in a Strong Magnetic Field. Key Engineering Materials, 2009, 412, 143-148.	0.4	2
107	Fabrication of Multi-Layered Thermoelectric Thick Films and their Thermoelectric Performance. Key Engineering Materials, 2009, 412, 291-296.	0.4	0
108	Preparation of Crystalline-Oriented Titania Photoelectrodes on ITO Glasses from a 2-Propanol/2,4-Pentanedione Solvent by Electrophoretic Deposition in a Strong Magnetic Field. Journal of the American Ceramic Society, 2009, 92, 984-989.	3.8	25

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109	Effect of bead-milling treatment on the dispersion of tetragonal zirconia nanopowder and improvements of two-step sintering. Journal of the Ceramic Society of Japan, 2009, 117, 470-474.	1.1	13
110	Fabrication of GDC/LSGM/GDC tri-layers on polypyrrole-coated NiO-YSZ by electrophoretic deposition for anode-supported SOFC. Journal of the Ceramic Society of Japan, 2009, 117, 1246-1248.	1.1	20
111	Fabrication and some properties of textured alumina-related compounds by colloidal processing in high-magnetic field and sintering. Journal of the European Ceramic Society, 2008, 28, 935-942.	5.7	55
112	Highly Texturing $\hat{1}^2$ -Sialon Via Strong Magnetic Field Alignment. Journal of the American Ceramic Society, 2008, 91, 620-623.	3.8	15
113	Conductive Polymer Coating on Nonconductive Ceramic Substrates for Use in the Electrophoretic Deposition Process. Journal of the American Ceramic Society, 2008, 91, 1674-1677.	3.8	26
114	Phosphate Esters as Dispersants for the Cathodic Electrophoretic Deposition of Alumina Suspensions. Journal of the American Ceramic Society, 2008, 91, 1923-1926.	3.8	20
115	Bubble-Free Aqueous Electrophoretic Deposition (EPD) by Pulse-Potential Application. Journal of the American Ceramic Society, 2008, 91, 3154-3159.	3.8	68
116	Texturing of Si_3N_4 Ceramics via Strong Magnetic Field Alignment. Key Engineering Materials, 2008, 368-372, 871-874.	0.4	6
117	Electrophoretic deposition of Eu^{2+} doped Ca-ALPHA-SIALON phosphor particles for packaging of flat pseudo-white light emitting devices. Journal of the Ceramic Society of Japan, 2008, 116, 740-743.	1.1	13
118	Grain-Orientation Control of $\text{Bi}_5\text{FeTi}_3\text{O}_{15}$ Ceramics Prepared by Magnetic-Field-Assisted Electrophoretic Deposition Method. Key Engineering Materials, 2008, 388, 205-208.	0.4	1
119	Enhanced piezoelectric properties of grain-oriented $\text{Bi}_4\text{Ti}_3\text{O}_{12}$ $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ ceramics obtained by magnetic-field-assisted electrophoretic deposition method. Journal of Applied Physics, 2008, 104, .	2.5	19
120	Thermoelectric Properties and Magnetic Anisotropies of Magnetically Grain-Oriented Sr- or Bi-doped $\text{Ca}_3\text{Co}_4\text{O}_9$ Thick Films. Materials Research Society Symposia Proceedings, 2007, 1044, 1.	0.1	0
121	Aqueous Processing of Textured Silicon Nitride Ceramics by Slip Casting in a Strong Magnetic Field. Materials Science Forum, 2007, 534-536, 1009-1012.	0.3	3
122	Improvement of Thermoelectric Properties of p- and n-types Oxide Thick Films Fabricated by Electrophoretic Deposition. Materials Research Society Symposia Proceedings, 2007, 1044, 1.	0.1	0
123	Hydrogen Storage Properties of Nb-Zr-Fe Alloys Disintegrated by Hydrogen Gas. Materials Science Forum, 2007, 534-536, 73-76.	0.3	0
124	Direct Shaping of Alumina Ceramics by Electrophoretic Deposition Using Conductive Polymer-Coated Ceramic Substrates. Advanced Materials Research, 2007, 29-30, 227-230.	0.3	2
125	Fabrication and Some Properties of Textured Ceramics by Colloidal Processing in High Magnetic Field. Key Engineering Materials, 2007, 352, 101-106.	0.4	3
126	Orientation Control in Multilayered Alumina Prepared Using Electrophoretic Deposition in a Strong Magnetic Field. Advanced Materials Research, 2007, 29-30, 223-226.	0.3	1

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127	Fabrication of Textured α -SiC Using Colloidal Processing and a Strong Magnetic Field. <i>Materials Transactions</i> , 2007, 48, 2883-2887.	1.2	20
128	Texturing Ca-ALPHA-Sialon Via Strong Magnetic Field Alignment. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 701-705.	1.1	6
129	Synthesis of Titania Thin Films by Cathodic Electrolytic Deposition. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 818-820.	1.1	3
130	Effect of Polyethylenimine on Hydrolysis and Dispersion Properties of Aqueous Si ₃ N ₄ Suspensions. <i>Journal of the American Ceramic Society</i> , 2007, 90, 797-804.	3.8	46
131	Electrophoretic Deposition of Alumina on Conductive Polymer-Coated Ceramic Substrates. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 55-58.	1.3	19
132	Texture Development in Si ₃ N ₄ Ceramics by Magnetic Field Alignment during Slip Casting. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 979-987.	1.3	40
133	Texture Development in Alumina Composites by Slip Casting in a Strong Magnetic Field. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 59-62.	1.3	22
134	Effect of polyethylenimine on the dispersion and electrophoretic deposition of nano-sized titania aqueous suspensions. <i>Journal of the European Ceramic Society</i> , 2006, 26, 1555-1560.	5.7	124
135	Mechanical properties of textured, multilayered alumina produced using electrophoretic deposition in a strong magnetic field. <i>Journal of the European Ceramic Society</i> , 2006, 26, 661-665.	5.7	30
136	Control of texture in alumina by colloidal processing in a strong magnetic field. <i>Science and Technology of Advanced Materials</i> , 2006, 7, 356-364.	6.1	106
137	Control of crystalline texture in polycrystalline TiO ₂ (Anatase) by electrophoretic deposition in a strong magnetic field. <i>Journal of the European Ceramic Society</i> , 2006, 26, 559-563.	5.7	49
138	Design of Alumina/Alumina Laminate Composites with Crystalline-Orientated Layers Produced by Electrophoretic Deposition under a High Magnetic Field. <i>Key Engineering Materials</i> , 2006, 314, 25-32.	0.4	0
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