

Akihiko Kajinami

List of Publications by Year in descending order

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394421

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citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of mechanochemical inclusion of triamterene into sulfobutylether- β -cyclodextrin and its improved dissolution behavior. <i>Drug Development and Industrial Pharmacy</i> , 2021, 47, 535-541.	2.0	4
2	In-situ observation technique of electrodeposition reaction by X-ray from synchrotron source. <i>Progress in Nuclear Energy</i> , 2011, 53, 930-934.	2.9	1
3	Local Structure Analyses of Molten Lanthanum Trichloride-Alkali Chloride Ternary Systems: Approaches from Fundamentals to Pyrochemical Reprocessing. <i>Electrochemistry</i> , 2009, 77, 736-740.	1.4	8
4	Composition dependence of local structure in lanthanoborate glasses. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 1238-1241.	5.5	15
5	Synthesis and luminescence property of Eu ³⁺ /ZrO ₂ thin film by the liquid phase deposition method. <i>Journal of Alloys and Compounds</i> , 2006, 408-412, 711-716.	5.5	28
6	Fabrication of nano-structured materials from aqueous solution by liquid phase deposition. <i>Journal of Electroanalytical Chemistry</i> , 2005, 584, 38-43.	3.8	33
7	Fabrication and Structural Control of Fe/Ti Oxide Thin Films with Graded Compositional Profiles by Liquid Phase Deposition. <i>Journal of the American Ceramic Society</i> , 2005, 88, 731-736.	3.8	11
8	Novel Fabrication of High-Quality ZrO ₂ Ceramic Thin Films from Aqueous Solution. <i>Journal of the American Ceramic Society</i> , 2005, 88, 2923-2927.	3.8	30
9	The dispersion of Au nanoparticles in SiO ₂ /TiO ₂ layered films by the liquid phase deposition (LPD) method. <i>Thin Solid Films</i> , 2005, 491, 86-90.	1.8	19
10	In Situ X-Ray Diffraction Measurement of Electrodeposition Process in Molten Salts. <i>Materials Science Forum</i> , 2005, 502, 335-338.	0.3	0
11	High Temperature La-L ₃ ; XAFS Analysis of La ₃ and LaOCl. <i>Electrochemistry</i> , 2005, 73, 710-714.	1.4	2
12	Raman Spectroscopic Study of Ionic Association in Molten LaCl ₃ and Molten CsCl-NaCl Mixtures. <i>Electrochemistry</i> , 2005, 73, 936-938.	1.4	4
13	Structure of Intermediate-range Ordering in Sodium Carboxylate Melts. <i>Electrochemistry</i> , 2005, 73, 614-616.	1.4	0
14	MD Simulation of Molten (Na-2Cs)Cl Containing UO ₂ ²⁺ with Fixed Intraionic Charge Distribution. <i>Electrochemistry</i> , 2005, 73, 748-750.	1.4	0
15	Aqueous solution-based synthesis of rare earth-doped metal oxide thin films. <i>Thin Solid Films</i> , 2004, 460, 83-86.	1.8	18
16	Nanofabrication of metal oxide thin films and nano-ceramics from aqueous solution. <i>Journal of Materials Chemistry</i> , 2004, 14, 3127.	6.7	22
17	Different effects of alkyl sulfate and alkylbenzene sulfonate surfactants on the synthesis and properties of CuPc/TiO ₂ composite films by the liquid-phase deposition (LPD) method. <i>Synthetic Metals</i> , 2004, 146, 17-27.	3.9	12
18	Liquid-Phase Infiltration (LPI) Process for the Fabrication of Highly Nano-Ordered Materials. <i>Chemistry of Materials</i> , 2004, 16, 1747-1750.	6.7	56

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19	The structural analysis of manganese borate glass by high-energy X-ray diffraction measurement. Nuclear Instruments & Methods in Physics Research B, 2003, 199, 34-37.	1.4	12
20	Diffuse reflectance FT-IR spectroscopic study of interactions of γ -Al ₂ O ₃ /molten alkali nitrate coexisting systems. Journal of Colloid and Interface Science, 2003, 268, 413-424.	9.4	19
21	Preparation and characterization of Au/Co nano-alloys. Journal of Electroanalytical Chemistry, 2003, 559, 99-102.	3.8	14
22	Preparation of Au nanoparticle dispersed Nb ₂ O ₅ composite film by liquid phase deposition. Journal of Electroanalytical Chemistry, 2003, 559, 91-98.	3.8	12
23	Fabrication of high performance thin films from metal fluorocomplex aqueous solution by the liquid phase deposition. Journal of Fluorine Chemistry, 2003, 120, 157-163.	1.7	22
24	Fabrication and characterization of Pt nanoparticles dispersed in Nb ₂ O ₅ composite films by liquid phase deposition. Journal of Materials Chemistry, 2002, 12, 1495-1499.	6.7	21
25	Microstructure and electron transport properties of Au _x Co _{1-x} nano-alloys embedded in polyacrylonitrile thin films. Journal of Materials Chemistry, 2002, 12, 2408-2411.	6.7	12
26	Growth of metal oxide thin films from aqueous solution by liquid phase deposition method. Solid State Ionics, 2002, 151, 1-9.	2.7	49
27	Fabrication and characterization of PAN-derived carbon thin films containing Au nanoparticles. Thin Solid Films, 2002, 408, 59-63.	1.8	11
28	Novel fabrication method for Si _{1-x} Ti _x O ₂ thin films with graded composition profiles by liquid phase deposition. Journal of Materials Chemistry, 2001, 11, 984-986.	6.7	24
29	Structural change of zinc chloride hydrate melt coexisting with porous solid materials. Studies in Surface Science and Catalysis, 2001, 132, 255-258.	1.5	4
30	Preparation and characterization of metal nanoparticles dispersed in polyacrylonitrile thin film. Scripta Materialia, 2001, 44, 1879-1882.	5.2	7
31	Preparation and characterization of polymer thin films containing silver and silver sulfide nanoparticles. Thin Solid Films, 2000, 359, 55-60.	1.8	158
32	Studies on PVdF-based gel polymer electrolytes. Journal of Power Sources, 2000, 88, 269-273.	7.8	77
33	The Variation of Structure with Composition for Mixed Molten Hydrate. ECS Proceedings Volumes, 1999, 1999-41, 263-274.	0.1	1
34	An electrochemical investigation on polyvinylidene fluoride-based gel polymer electrolytes. Solid State Ionics, 1999, 126, 285-292.	2.7	26
35	Effect of solid surface on vibrational modes of solution in solid/liquid hetero-phase system. Journal of Molecular Liquids, 1999, 83, 179-189.	4.9	14
36	Synthesis and characterization of nano-sized gold-palladium bimetallic particles dispersed in polymer thin film matrix. Scripta Materialia, 1999, 11, 59-65.	0.5	52

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37	The Structural Analysis of Zinc Borate Glass by Laboratory EXAFS and X-Ray Diffraction Measurements. Japanese Journal of Applied Physics, 1999, 38, 132.	1.5	17
38	Raman Scattering for Hydrated Alkali Propionate Melt. Electrochemistry, 1999, 67, 558-562.	1.4	1
39	Preparation and characterization of copper(I) oxide nanoparticles dispersed in a polymer matrix. Journal of Materials Chemistry, 1998, 8, 1865-1868.	6.7	83
40	Structural Change of Sodium n-Alkanecarboxylate Hydrated Melts with Hydrophobicity of the Alkyl Group. ECS Proceedings Volumes, 1998, 1998-11, 521-526.	0.1	1
41	Monitoring the growth of titanium oxide thin films by the liquid-phase deposition method with a quartz crystal microbalance. Journal of Materials Chemistry, 1997, 7, 733-736.	6.7	70
42	Preparation and characterization of iron oxyhydroxide and iron oxide thin films by liquid-phase deposition. Journal of Materials Chemistry, 1997, 7, 1769-1772.	6.7	90
43	Preparation and characterization of Au-dispersed TiO ₂ thin films by a liquid-phase deposition method. Journal of Materials Chemistry, 1996, 6, 1879.	6.7	83
44	Titanium (IV) Oxide Thin Films Prepared from Aqueous Solution. Chemistry Letters, 1996, 25, 433-434.	1.3	220
45	Electrical Conductivity of Solid/Liquid Coexisting Systems: Dependence of Electrical Conductivity on Surface Hydrophilicity. Journal of Colloid and Interface Science, 1994, 168, 198-205.	9.4	7
46	Structural Change of Ionic Species in the γ -Al ₂ O ₃ Powder/CoCl ₂ Aqueous Solution System. Journal of Colloid and Interface Science, 1993, 159, 444-453.	9.4	9
47	Properties of CaCl ₂ hydrate with an inorganic powder. Part 1. "Electrical conductivity of CaCl ₂ ·nH ₂ O (n= 6.00~7.35) with γ -Al ₂ O ₃ powder. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 3805-3810.	1.7	16
48	Properties of CaCl ₂ hydrate with an inorganic powder. Part 2. "Melting behaviour and thermodynamic properties of CaCl ₂ ·nH ₂ O (n= 6.00~7.35) with γ -Al ₂ O ₃ or γ -SiC powder. Journal of the Chemical Society, Faraday Transactions, 1993, 89, 3811-3815.	1.7	20
49	The Electrical Conductivity of Solid/Liquid Coexisting Systems: Composition Dependence of the Electrical Conductivity. Journal of the Electrochemical Society, 1992, 139, 1544-1548.	2.9	16
50	The Electrical Conductivity of Solid/Liquid Coexisting Systems: Aqueous Solution System. Journal of the Electrochemical Society, 1992, 139, 996-1000.	2.9	18
51	Structural Change of the Dissolved Species in α -Al ₂ O ₃ /NiC ₂ O ₄ Aqueous Solution Coexisting Systems. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1991, 1991, 1161-1166.	0.1	2
52	Surface Tension of Alkali-Metal Acetate Hydrated Melts. Materials Science Forum, 1991, 73-75, 33-36.	0.3	0
53	The effect of water content on the physical properties of alkali metal metatungstate hydrates.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1990, 1990, 255-260.	0.1	0
54	Preparation and properties of non-crystalline alkali metal metatungstate hydrates.. Nippon Kagaku Kaishi / Chemical Society of Japan - Chemistry and Industrial Chemistry Journal, 1990, 1990, 615-620.	0.1	1