

Takahisa Tsugoshi

List of Publications by Year in descending order

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33
all docs

33
docs citations

33
times ranked

415
citing authors

#	ARTICLE	IF	CITATIONS
1	Study on chemical speciation in aluminum chloride solution by ESI-Q-MS. Journal of Mass Spectrometry, 2007, 42, 591-597.	1.6	46
2	Characterization of aluminum species with nitrate, perchlorate and sulfate ions in the positive and negative ion mode by electrospray ionization mass spectrometry. Journal of Mass Spectrometry, 2009, 44, 193-202.	1.6	44
3	Ion Attachment Mass Spectrometry Combined with Infrared Image Furnace for Thermal Analysis: Evolved Gas Analysis Studies. Analytical Chemistry, 2009, 81, 3155-3158.	6.5	34
4	Effect of Oligosaccharide Alcohol Addition to Alumina Slurry and Translucent Alumina Produced by Slip Casting. Journal of the American Ceramic Society, 2003, 86, 755-760.	3.8	29
5	Forming and sintering of porous calcium-hexaaluminate ceramics with hydraulic alumina. Journal of Materials Science, 2006, 41, 7401-7405.	3.7	29
6	In situ Raman monitoring of low-temperature synthesis of YAG from different starting materials. Vibrational Spectroscopy, 1999, 19, 399-405.	2.2	27
7	Electrospray ionization mass spectrometry investigation of the blocking effect of sulfate on the formation of aluminum tridecamer. Journal of Molecular Liquids, 2008, 143, 70-74.	4.9	24
8	Fabrication of Porous Alumina Ceramics by New Eco-Friendly Process. Journal of the Ceramic Society of Japan, 2005, 113, 87-91.	1.3	18
9	Title is missing!. Magyar Árvilág, 2001, 64, 1127-1132.	1.4	16
10	Evolved gas analysis-mass spectrometry using skimmer interface and ion attachment mass spectrometry. Journal of Thermal Analysis and Calorimetry, 2005, 80, 787-789.	3.6	16
11	Evolved gas analysis with skimmer interface and ion attachment mass spectrometry for burnout monitoring of organic additives in ceramic processing. Talanta, 2006, 70, 186-189.	5.5	16
12	Extrusion of Alumina Ceramics with Hydraulic Alumina without Organic Additives. Journal of the Ceramic Society of Japan, 2007, 115, 191-194.	1.3	15
13	Characterization of Japanese lacquer liquid and films by means of evolved gas analysis-ion attachment mass spectrometry. Analytical Methods, 2011, 3, 1943.	2.7	15
14	Application of Ion Attachment Mass Spectrometry to Evolved Gas Analysis for in Situ Monitoring of Porous Ceramic Processing. Analytical Chemistry, 2006, 78, 2366-2369.	6.5	14
15	A study on the utilization of the Youden plot to evaluate proficiency test results. Accreditation and Quality Assurance, 2013, 18, 161-174.	0.8	12
16	Binder Burnout from Layers of Alumina Ceramics Under Centrifugal Force. Journal of the American Ceramic Society, 2006, 89, 805-809.	3.8	11
17	Evolution of water vapor from indium-tin-oxide transparent conducting films fabricated by dip coating process. Journal of Thermal Analysis and Calorimetry, 2004, 77, 751-757.	3.6	9
18	Organic-to-Inorganic Conversion Process of a Cage-Type AlN Precursor Poly(ethyliminoalane). Journal of the Ceramic Society of Japan, 2006, 114, 563-566.	1.3	8

#	ARTICLE	IF	CITATIONS
19	Effects of Alumina Hydrates Formed by Hydration of Hydraulic Alumina on Green Strength and Microstructure of Porous Alumina Ceramics. <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 214-216.	1.3	5
20	Pressure Dependence of Laser-Induced Fluorescence of Sm ³⁺ in Al ₂ O ₃ -Y ₂ O ₃ System Compounds. <i>Applied Spectroscopy</i> , 1999, 53, 1623-1627.	2.2	4
21	Microstructure and Thermal Conductivity of AlN Ceramic with Eliminated Grain Boundary Phase. <i>Key Engineering Materials</i> , 2003, 247, 361-364.	0.4	4
22	TRANSIENT BEHAVIOR OF LASER IONIZATION IN LASER MICROPROBE MASS SPECTROMETRY (LAMMS). <i>Analytical Sciences</i> , 1991, 7, 1453-1456.	1.6	2
23	Structural interpretation on silicate network of various silicate minerals by LMMS analysis. <i>Mikrochimica Acta</i> , 1991, 105, 125-136.	5.0	2
24	Analytical Studies on Laser Microprobe Mass Spectrometry (LAMMS).. <i>Bunseki Kagaku</i> , 1996, 45, 207-208.	0.2	1
25	An application of EGA-MS with skimmer interface to pyrolysis behavior of DHTAM, an antibacterial and antifungal material with thermostability. <i>Talanta</i> , 2006, 70, 182-185.	5.5	1
26	Monitoring and Characterization of Pyrolysis Gas from Various Polymers Using Skimmer Interface-Connected [TG/DTA]/[Ion Attachment Ionization-TOFMS]. <i>Bunseki Kagaku</i> , 2011, 60, 261-267.	0.2	1
27	Qualitative Discrimination of Vegetable Oils Using Soft-Ionization Mass Spectrometry and Multivariate Analysis. <i>Bunseki Kagaku</i> , 2011, 60, 409-418.	0.2	1
28	Evaluation between Statistical Methods Related to the z Score for Use in Proficiency Testing. <i>Bunseki Kagaku</i> , 2011, 60, 571-577.	0.2	1
29	Discrimination and Blend Ratio Estimation between Arabica and Robusta Coffee Species Using Direct Inlet Probe/Ion Attachment Ionization Mass Spectrometry. <i>Bunseki Kagaku</i> , 2014, 63, 825-830.	0.2	1
30	Synthesis of Nano-Sized Crystallites Using Phase Separated Microenvironments. <i>Key Engineering Materials</i> , 2004, 264-268, 2363-2366.	0.4	0
31	Fabrication of Al ₂ O ₃ Ceramics by Environmentally Friendly Process. <i>Key Engineering Materials</i> , 2006, 317-318, 751-754.	0.4	0
32	Thermal Decomposition Behavior of a Chelating Resin Immobilizing Carboxymethylated Polyethyleneimine: Possibility of Estimation of Carboxymethylation Rate. <i>Analytical Sciences</i> , 2019, 35, 1161-1164.	1.6	0
33	Thermogravimetric and Mass-Spectrometric Analyses of Japanese Cedar Wood (&i&t;Cryptomeria) Tj ETQq1 1 0.784314 rgBT /Ove Institute of Energy, 2018, 97, 236-239.	0.2	0