

# Takahisa Tsugoshi

## List of Publications by Year in descending order

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33  
papers

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citations

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times ranked

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#	ARTICLE	IF	CITATIONS
1	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
2	Thermogravimetric and Mass-Spectrometric Analyses of Japanese Cedar Wood (&i&t;Cryptomeria) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Institute of Energy, 2018, 97, 236-239.	0.2	0
3	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
4	A study on the utilization of the Youden plot to evaluate proficiency test results. <i>Accreditation and Quality Assurance</i> , 2013, 18, 161-174.	0.8	12
5	Characterization of Japanese lacquer liquid and films by means of evolved gas analysis-ion attachment mass spectrometry. <i>Analytical Methods</i> , 2011, 3, 1943.	2.7	15
6	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
7	Qualitative Discrimination of Vegetable Oils Using Soft-Ionization Mass Spectrometry and Multivariate Analysis. <i>Bunseki Kagaku</i> , 2011, 60, 409-418.	0.2	1
8	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
9	Characterization of aluminum species with nitrate, perchlorate and sulfate ions in the positive and negative ion mode by electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 193-202.	1.6	44
10	Ion Attachment Mass Spectrometry Combined with Infrared Image Furnace for Thermal Analysis: Evolved Gas Analysis Studies. <i>Analytical Chemistry</i> , 2009, 81, 3155-3158.	6.5	34
11	Electrospray ionization mass spectrometry investigation of the blocking effect of sulfate on the formation of aluminum tridecamer. <i>Journal of Molecular Liquids</i> , 2008, 143, 70-74.	4.9	24
12	Extrusion of Alumina Ceramics with Hydraulic Alumina without Organic Additives. <i>Journal of the Ceramic Society of Japan</i> , 2007, 115, 191-194.	1.3	15
13	Study on chemical speciation in aluminum chloride solution by ESI-Q-MS. <i>Journal of Mass Spectrometry</i> , 2007, 42, 591-597.	1.6	46
14	Application of Ion Attachment Mass Spectrometry to Evolved Gas Analysis for in Situ Monitoring of Porous Ceramic Processing. <i>Analytical Chemistry</i> , 2006, 78, 2366-2369.	6.5	14
15	Evolved gas analysis with skimmer interface and ion attachment mass spectrometry for burnout monitoring of organic additives in ceramic processing. <i>Talanta</i> , 2006, 70, 186-189.	5.5	16
16	An application of EGA&#x2013;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
17	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
18	Organic-to-Inorganic Conversion Process of a Cage-Type AlN Precursor Poly(ethyliminoalane). <i>Journal of the Ceramic Society of Japan</i> , 2006, 114, 563-566.	1.3	8

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19	Binder Burnout from Layers of Alumina Ceramics Under Centrifugal Force. Journal of the American Ceramic Society, 2006, 89, 805-809.	3.8	11
20	Forming and sintering of porous calcium-hexaaluminate ceramics with hydraulic alumina. Journal of Materials Science, 2006, 41, 7401-7405.	3.7	29
21	Fabrication of Al <sub>2</sub> O <sub>3</sub> Ceramics by Environmentally Friendly Process. Key Engineering Materials, 2006, 317-318, 751-754.	0.4	0
22	Fabrication of Porous Alumina Ceramics by New Eco-Friendly Process. Journal of the Ceramic Society of Japan, 2005, 113, 87-91.	1.3	18
23	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
24	Synthesis of Nano-Sized Crystallites Using Phase Separated Microenvironments. Key Engineering Materials, 2004, 264-268, 2363-2366.	0.4	0
25	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
26	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
27	Microstructure and Thermal Conductivity of AlN Ceramic with Eliminated Grain Boundary Phase. Key Engineering Materials, 2003, 247, 361-364.	0.4	4
28	Title is missing!. Magyar Árvad Képzelmények, 2001, 64, 1127-1132.	1.4	16
29	In situ Raman monitoring of low-temperature synthesis of YAG from different starting materials. Vibrational Spectroscopy, 1999, 19, 399-405.	2.2	27
30	Pressure Dependence of Laser-Induced Fluorescence of Sm <sup>3+</sup> in Al <sub>2</sub> O <sub>3</sub> -Y <sub>2</sub> O <sub>3</sub> System Compounds. Applied Spectroscopy, 1999, 53, 1623-1627.	2.2	4
31	Analytical Studies on Laser Microprobe Mass Spectrometry (LAMMS).. Bunseki Kagaku, 1996, 45, 207-208.	0.2	1
32	TRANSIENT BEHAVIOR OF LASER IONIZATION IN LASER MICROPROBE MASS SPECTROMETRY (LAMMS). Analytical Sciences, 1991, 7, 1453-1456.	1.6	2
33	Structural interpretation on silicate network of various silicate minerals by LMMS analysis. Mikrochimica Acta, 1991, 105, 125-136.	5.0	2