Yasuaki Maeda

List of Publications by Year in descending order

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13

# A	Article	IF	CITATIONS
1	Characterization and Catalytic Activity of Coreâ``Shell Structured Gold/Palladium Bimetallic Nanoparticles Synthesized by the Sonochemical Method. Journal of Physical Chemistry B, 2000, 104, 6028-6032.	2.6	321
2 j	Sonochemical Preparation of Bimetallic Nanoparticles of Gold/Palladium in Aqueous Solution. Iournal of Physical Chemistry B, 1997, 101, 7033-7037.	2.6	290
3 A	Acceleration of the rate of nitrite oxidation by freezing in aqueous solution. Nature, 1992, 358, 736-738.	27.8	141
4 ŀ	Sonochemical degradation of various monocyclic aromatic compounds: Relation between hydrophobicities of organic compounds and the decomposition rates. Ultrasonics Sonochemistry, 2008, 15, 478-483.	8.2	68
5 5	Sonolytic Degradation of Phthalic Acid Esters in Aqueous Solutions. Acceleration of Hydrolysis by Sonochemical Action. Journal of Physical Chemistry A, 2002, 106, 104-107.	2.5	64
6 è	超音波照射ã«ã,^ã,‹ãƒ^リã,ªãƒ¬ã,ıffj³ãëã,¨ã,¿ãƒŽãƒ¼ãƒ«ã®ã,¨ã,¹ãƒ†ãƒ«äºæ•å応ã«ä,Žã•ã,‹ãƒ¢ãƒ«æ¯",	è 6. ¦åª'æ;f	-åða á Šã, ^ã 3
7 T	Title is missing!. Journal of Atmospheric Chemistry, 1998, 29, 135-150.	3.2	33
	Rapid reaction of sulfide with hydrogen peroxide and formation of different final products by freezing compared to those in solution. International Journal of Chemical Kinetics, 2003, 35, 198-205.	1.6	32
9 (9 F	Chemiluminescence Method with Potassium Permanganate for the Determination of Organic Pollutants in Seawater Analytical Sciences, 2001, 17, 975-978.	1.6	27
10 S	Measurement of Dissolved Oxygen Based on Enhanced Cerium(IV) Chemiluminescence Analytical Sciences, 2001, 17, 161-166.	1.6	26
11 [Difference in Amounts and Composition of Dew from Different Types of Dew Collectors. Water, Air, and Soil Pollution, 2003, 147, 51-60.	2.4	26
12 5	Distribution of Persistent Organic Pollutants and Polycyclic Aromatic Hydrocarbons in Sediment Samples from Vietnam. Journal of Health Science, 2007, 53, 291-301.	0.9	25
	Sonochemical Preparation and Properties of Pt-3Y-TZP Nano-Composites. Journal of the American Ceramic Society, 2005, 88, 639-644.	3.8	20
14 F	Temporal variation of atmospheric polycyclic aromatic hydrocarbon concentrations in PM ₁₀ from the Kathmandu Valley and their gas-particle concentrations in winter. International Journal of Environmental Analytical Chemistry, 2009, 89, 67-82.	3.3	16
15 T	Trace Level Determination of Low-Molecular-Weight Alcohols in Aqueous Samples Based on Alkyl Nitrite Formation and Gas Chromatography Analytical Sciences, 2001, 17, 639-643.	1.6	14

- Continuous monitoring method for organic pollutants in water based on chemiluminescence reaction with potassium permanganate. Analytical Communications, 1998, 35, 307-308. 16 A 3-Step Chemiluminescence Method for Chemical Oxygen Demand Measurement. Analytical Sciences, 2017, 33, 931-938.
- Improved colorimetric determination of noble metal ions in multitudinous solution using sodium bromide or sodium iodide.. Bunseki Kagaku, 1996, 45, 327-331. 18 0.2 10

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#	Article	IF	CITATIONS
19	Special Articles: Environmental Sciences and Analytical Chemistry. Sensitive determination of humic acid in natural water by chemiluminescence-flow injection method Bunseki Kagaku, 1994, 43, 1077-1082.	0.2	8
20	Kinetic measurements of methyl and ethyl nitrate reactions with OH radicals. International Journal of Chemical Kinetics, 1997, 29, 933-941.	1.6	8
21	Flow Analysis Method for Determining the Concentration of Methanol and Ethanol in the Gas Phase Using the Nitrite Formation Reaction. Analytical Chemistry, 2000, 72, 5847-5851.	6.5	7
22	A 3-step chemiluminescence method for chemical oxygen demand measurement with dichromate oxidizing reagent. Analytical Methods, 2017, 9, 5797-5805.	2.7	5
23	Determination of Polycyclic Aromatic Hydrocarbons and Nitrated Polycyclic Aromatic Compounds in Diesel-engine Exhaust Particles from Combustion Process of Biodiesel Fuel. Bunseki Kagaku, 2007, 56, 241-248.	0.2	4
24	Toxicity Evaluation of Sonochemical Decomposition Products of Chloroacetone to Yeast Cells by Calorimetric Analysis. Bunseki Kagaku, 2006, 55, 701-706.	0.2	2
25	Methanol and formaldehyde determination by colorimetry using alcohol oxidase Bunseki Kagaku, 1996, 45, 677-682.	0.2	1
26	Sonolysis of chlorobenzene in the presence of transition metal salts. Open Chemistry, 2003, 1, 339-355.	1.9	1
27	Sonochemical Preparation and Catalytic Behavior of Core-Shell Metal Nanoparticles. Hyomen Kagaku, 2005, 26, 593-597.	0.0	1
28	Fundamental Study on the Decomposition of Chlorinated Hydrocarbons in Aqueous Solutions by Ultrasonic Irradiation Journal of Environmental Chemistry, 1999, 9, 629-636.	0.2	0
29	Decomposition of Chlorinated Hydrocarbons in Aqueous Solutions by Ultrasonic Irradiation Journal of Environmental Chemistry, 1999, 9, 647-652.	0.2	0