

# Yasuaki Maeda

## List of Publications by Year in descending order

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29  
papers

1,210  
citations

623734

14  
h-index

552781

26  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1454  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 3-step chemiluminescence method for chemical oxygen demand measurement with dichromate oxidizing reagent. <i>Analytical Methods</i> , 2017, 9, 5797-5805.	2.7	5
2	A 3-Step Chemiluminescence Method for Chemical Oxygen Demand Measurement. <i>Analytical Sciences</i> , 2017, 33, 931-938.	1.6	12
3	Temporal variation of atmospheric polycyclic aromatic hydrocarbon concentrations in PM <sub>10</sub> from the Kathmandu Valley and their gas-particle concentrations in winter. <i>International Journal of Environmental Analytical Chemistry</i> , 2009, 89, 67-82.	3.3	16
4	Sonochemical degradation of various monocyclic aromatic compounds: Relation between hydrophobicities of organic compounds and the decomposition rates. <i>Ultrasonics Sonochemistry</i> , 2008, 15, 478-483.	8.2	68
5	Determination of Polycyclic Aromatic Hydrocarbons and Nitrated Polycyclic Aromatic Compounds in Diesel-engine Exhaust Particles from Combustion Process of Biodiesel Fuel. <i>Bunseki Kagaku</i> , 2007, 56, 241-248.	0.2	4
6	Distribution of Persistent Organic Pollutants and Polycyclic Aromatic Hydrocarbons in Sediment Samples from Vietnam. <i>Journal of Health Science</i> , 2007, 53, 291-301.	0.9	25
7			
8	Toxicity Evaluation of Sonochemical Decomposition Products of Chloroacetone to Yeast Cells by Calorimetric Analysis. <i>Bunseki Kagaku</i> , 2006, 55, 701-706.	0.2	2
9	Sonochemical Preparation and Properties of Pt-3Y-TZP Nano-Composites. <i>Journal of the American Ceramic Society</i> , 2005, 88, 639-644.	3.8	20
10	Sonochemical Preparation and Catalytic Behavior of Core-Shell Metal Nanoparticles. <i>Hyomen Kagaku</i> , 2005, 26, 593-597.	0.0	1
11	Difference in Amounts and Composition of Dew from Different Types of Dew Collectors. <i>Water, Air, and Soil Pollution</i> , 2003, 147, 51-60.	2.4	26
12	Sonolysis of chlorobenzene in the presence of transition metal salts. <i>Open Chemistry</i> , 2003, 1, 339-355.	1.9	1
13	Rapid reaction of sulfide with hydrogen peroxide and formation of different final products by freezing compared to those in solution. <i>International Journal of Chemical Kinetics</i> , 2003, 35, 198-205.	1.6	32
14	Sonolytic Degradation of Phthalic Acid Esters in Aqueous Solutions. Acceleration of Hydrolysis by Sonochemical Action. <i>Journal of Physical Chemistry A</i> , 2002, 106, 104-107.	2.5	64
15	Trace Level Determination of Low-Molecular-Weight Alcohols in Aqueous Samples Based on Alkyl Nitrite Formation and Gas Chromatography.. <i>Analytical Sciences</i> , 2001, 17, 639-643.	1.6	14
16	Chemiluminescence Method with Potassium Permanganate for the Determination of Organic Pollutants in Seawater.. <i>Analytical Sciences</i> , 2001, 17, 975-978.	1.6	27
17	Measurement of Dissolved Oxygen Based on Enhanced Cerium(IV) Chemiluminescence.. <i>Analytical Sciences</i> , 2001, 17, 161-166.	1.6	26
18	Characterization and Catalytic Activity of Core-Shell Structured Gold/Palladium Bimetallic Nanoparticles Synthesized by the Sonochemical Method. <i>Journal of Physical Chemistry B</i> , 2000, 104, 6028-6032.	2.6	321

#	ARTICLE	IF	CITATIONS
19	Flow Analysis Method for Determining the Concentration of Methanol and Ethanol in the Gas Phase Using the Nitrite Formation Reaction. <i>Analytical Chemistry</i> , 2000, 72, 5847-5851.	6.5	7
20	Fundamental Study on the Decomposition of Chlorinated Hydrocarbons in Aqueous Solutions by Ultrasonic Irradiation.. <i>Journal of Environmental Chemistry</i> , 1999, 9, 629-636.	0.2	0
21	Decomposition of Chlorinated Hydrocarbons in Aqueous Solutions by Ultrasonic Irradiation.. <i>Journal of Environmental Chemistry</i> , 1999, 9, 647-652.	0.2	0
22	Title is missing!. <i>Journal of Atmospheric Chemistry</i> , 1998, 29, 135-150.	3.2	33
23	Continuous monitoring method for organic pollutants in water based on chemiluminescence reaction with potassium permanganate. <i>Analytical Communications</i> , 1998, 35, 307-308.	2.2	13
24	Sonochemical Preparation of Bimetallic Nanoparticles of Gold/Palladium in Aqueous Solution. <i>Journal of Physical Chemistry B</i> , 1997, 101, 7033-7037.	2.6	290
25	Kinetic measurements of methyl and ethyl nitrate reactions with OH radicals. <i>International Journal of Chemical Kinetics</i> , 1997, 29, 933-941.	1.6	8
26	Improved colorimetric determination of noble metal ions in multitudinous solution using sodium bromide or sodium iodide.. <i>Bunseki Kagaku</i> , 1996, 45, 327-331.	0.2	10
27	Methanol and formaldehyde determination by colorimetry using alcohol oxidase.. <i>Bunseki Kagaku</i> , 1996, 45, 677-682.	0.2	1
28	Special Articles: Environmental Sciences and Analytical Chemistry. Sensitive determination of humic acid in natural water by chemiluminescence-flow injection method.. <i>Bunseki Kagaku</i> , 1994, 43, 1077-1082.	0.2	8
29	Acceleration of the rate of nitrite oxidation by freezing in aqueous solution. <i>Nature</i> , 1992, 358, 736-738.	27.8	141