

Yuji Takao

List of Publications by Year in descending order

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67
papers

2,152
citations

257450

24
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233421

45
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69
all docs

69
docs citations

69
times ranked

2657
citing authors

#	ARTICLE	IF	CITATIONS
1	First evaluation of genotoxicity of strong bases and zwitterions in treated household effluents. <i>Journal of Hazardous Materials</i> , 2021, 416, 126053.	12.4	2
2	Field survey of environmental estrogen pollution in the coastal area of Tokyo Bay and Nagasaki City using the Japanese common goby <i>Acanthogobius flavimanus</i> . <i>Environmental Pollution</i> , 2020, 258, 113673.	7.5	14
3	Evaluation of genotoxicity potential of household effluents from onsite wastewater treatment systems using <i>umu</i> test. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2020, 83, 36-44.	2.3	5
4	Use of sterols to monitor surface water quality change and nitrate pollution source. <i>Ecological Indicators</i> , 2019, 107, 105534.	6.3	15
5	Quantification of Imidazole Compounds in Ambient Aerosols at Suburban and Forest Sites in Western Japan. <i>Asian Journal of Atmospheric Environment</i> , 2019, 13, 259-265.	1.1	6
6	Occurrence and seasonal variation of equine estrogens, equilin and equilenin, in the river water of Japan: Implication with endocrine-disrupting potentials to Japanese medaka (<i>Oryzias latipes</i>). <i>Environmental Pollution</i> , 2018, 239, 281-288.	7.5	7
7	On the use of coprostanol to identify source of nitrate pollution in groundwater. <i>Journal of Hydrology</i> , 2017, 550, 663-668.	5.4	39
8	Selective isolation of bacteria from soil with hydrophobic materials. <i>World Journal of Microbiology and Biotechnology</i> , 2011, 27, 1941-1945.	3.6	1
9	Survey of contamination of estrogenic chemicals in Japanese and Korean coastal waters using the wild grey mullet (<i>Mugil cephalus</i>). <i>Science of the Total Environment</i> , 2010, 408, 660-665.	8.0	36
10	Contamination of Pharmaceutical and Personal Care Products in Sewage Treatment Plants and Surface Waters in South Korea and their Removal during Activated Sludge Treatment. <i>Journal of Environmental Chemistry</i> , 2010, 20, 127-135.	0.2	6
11	Comparison between surface-reading and cross-section methods using sagittal otolith for age determination of the marbled sole <i>Pseudopleuronectes yokohamae</i> . <i>Fisheries Science</i> , 2009, 75, 379-385.	1.6	12
12	Changes in growth of marbled sole <i>Pseudopleuronectes yokohamae</i> between high and low stock-size periods in Tokyo Bay, Japan. <i>Fisheries Science</i> , 2009, 75, 929-935.	1.6	11
13	Acute toxicity of pharmaceutical and personal care products on freshwater crustacean (<i>Thamnocephalus platyurus</i>) and fish (<i>Oryzias latipes</i>). <i>Journal of Toxicological Sciences</i> , 2009, 34, 227-232.	1.5	183
14	Occurrence of Pharmaceutical and Personal Care Products (PPCPs) in Surface Water from Mankyung River, South Korea. <i>Journal of Health Science</i> , 2009, 55, 249-258.	0.9	166
15	Seasonal and Diurnal Fluctuations in the Concentrations of Pharmaceuticals and Personal Care Products (PPCPs) in Residential Sewage Water. <i>Journal of Health Science</i> , 2008, 54, 240-243.	0.9	14
16	Bisphenol A Incorporated into Eggs from Parent Fish Persists for Several Days. <i>Journal of Health Science</i> , 2008, 54, 235-239.	0.9	9
17	Reproductive effects and bioconcentration of 4-nonylphenol in medaka fish (<i>Oryzias latipes</i>). <i>Chemosphere</i> , 2006, 65, 1019-1026.	8.2	65
18	Ecotoxicological Effect of Polycyclic Musks on <i>Caenorhabditis elegans</i> . <i>Journal of Health Science</i> , 2006, 52, 276-282.	0.9	7

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19	Estrogenic Potency of a Bisphenol A Metabolite on Vitellogenin Synthesis in Medaka, <i>Oryzias latipes</i> . <i>Journal of Health Science</i> , 2005, 51, 93-95.	0.9	7
20	Bisphenol A and nonylphenol bioconcentration in spotted halibut <i>Varaspar variegates</i> . <i>Fisheries Science</i> , 2004, 70, 192-194.	1.6	6
21	Effects of triclosan on the early life stages and reproduction of medaka <i>Oryzias latipes</i> and induction of hepatic vitellogenin. <i>Aquatic Toxicology</i> , 2004, 67, 167-179.	4.0	310
22	Photodecomposition and Bioconcentration of a Bisphenol A Metabolite in Medaka, <i>Oryzias latipes</i> . <i>Journal of Health Science</i> , 2004, 50, 576-580.	0.9	4
23	High Sensitivity Analysis of Indirubin by Silylation Using GC/MS.. <i>Journal of Health Science</i> , 2003, 49, 88-90.	0.9	3
24	Changes in the cellular components of sugar beet under salt stress. <i>Bunseki Kagaku</i> , 2003, 52, 833-837.	0.2	0
25	Effect of Bisphenol A on the Feeding Behavior of <i>Caenorhabditis elegans</i> .. <i>Journal of Health Science</i> , 2002, 48, 93-95.	0.9	23
26	A Rapid Respiratory Toxicity Test Using <i>Caenorhabditis elegans</i> with an Oxygen Electrode System.. <i>Journal of Health Science</i> , 2002, 48, 269-272.	0.9	7
27	Release of Bisphenol A from Food Can Lining upon Heating.. <i>Journal of Health Science</i> , 2002, 48, 331-334.	0.9	52
28	A Convenient Sublethal Assay of Alkylphenol and Organotin Compounds Using the Nematode <i>Caenorhabditis elegans</i> .. <i>Journal of Health Science</i> , 2002, 48, 555-559.	0.9	14
29	Styrene dimers and trimers affect reproduction of daphnid (<i>Ceriodaphnia dubia</i>). <i>Chemosphere</i> , 2002, 48, 597-601.	8.2	43
30	In Vivo Testing System for Determining the Estrogenic Activity of Endocrine-Disrupting Chemicals(EDCs) in Goldfish (<i>Carassius auratus</i>).. <i>Journal of Health Science</i> , 2001, 47, 213-218.	0.9	23
31	Material Balance of Phosphorus in a Semi-Closed Bay Calculated with Actuality Measurements and Data of an Observation Satellite over a Long Period.. <i>Journal of Health Science</i> , 2001, 47, 155-161.	0.9	2
32	Monolayer Packing of Submicrometer Ceramic Spheres by Employing a Langmuir-Blodgett Film of Dicarboxylic Acid. <i>Journal of the American Ceramic Society</i> , 2001, 84, 301-306.	3.8	3
33	Decomposition of Toxic Halogenated Hydrocarbons by Microwave-Induced Ar Plasma Generated from SiC Ceramics under Atmospheric Pressure. <i>Electrochemistry</i> , 2001, 69, 508-515.	1.4	3
34	Estimation of the Influx Load into Omura Bay and Evaluation of Sea Water Quality Changes Using Landsat5/TM and Statistical Data.. <i>Journal of the Japan Society of Photogrammetry and Remote Sensing</i> , 2001, 40, 17-29.	0.0	0
35	Surface Modified Silicon Nitride Powder with Highly Dispersed Sintering Aid via Aqueous Processing.. <i>Journal of the Ceramic Society of Japan</i> , 2000, 108, 790-794.	1.3	1
36	Desorption behavior of ammonia from TiO ₂ -based specimens and ammonia sensing mechanism of double-layer sensors with TiO ₂ -based catalyst layers. <i>Journal of Molecular Catalysis A</i> , 2000, 155, 183-191.	4.8	47

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37	Improvement of Long-Term Stability of Thin Film Gas Sensors by Ion Beam-Assisted Deposition. Journal of the Electrochemical Society, 2000, 147, 4379.	2.9	5
38	H ₂ -Sensing Properties and Mechanism of Nb ₂ O ₅ -Bi ₂ O ₃ Varistor - type Gas Sensors. Electrochemistry, 2000, 68, 24-31.	1.4	40
39	Decomposition of Trichlorotrifluoroethane by Microwave-Induced Ar Plasma Generated from SiC Ceramics under Atmospheric Pressure. Journal of the Electrochemical Society, 1999, 146, 3052-3057.	2.9	7
40	Acetaldehyde Gas-Sensing Properties and Surface Chemistry of SnO ₂ -Based Sensor Materials. Journal of the Electrochemical Society, 1999, 146, 1222-1226.	2.9	19
41	Movement of Selenium Ions in the Treatment Process of Waste Water (PROCEEDINGS OF 24TH Tj ETQq1 1 0.784314 rgBT /Overlock 10)	0.9	10
42	Determination of a Screening System of Endocrine Disruptors by the Induction of Vitellogenin mRNA in C. elegans Larvae (PROCEEDINGS OF 24TH SYMPOSIUM ON TOXICOLOGY AND ENVIRONMENTAL HEALTH). Journal of Health Science, 1999, 45, P37-37.	0.9	11
43	Fast Screening Method for Bisphenol A in Environmental Water and in Food by Solid-Phase Microextraction (SPME) (PROCEEDINGS OF 24TH SYMPOSIUM ON TOXICOLOGY AND ENVIRONMENTAL Tj ETQq1 1 0.784314 rgBT /Ov	0.9	11
44	NO _x Gas Sensing Properties and Mechanism of ZnO-Based Varistor-Type Gas Sensors. IEEJ Transactions on Sensors and Micromachines, 1999, 119, 103-107.	0.1	5
45	An attempt by solid-phase microextraction with on-column silylation for a rapid and highly sensitive determination of bisphenol A. Bunseki Kagaku, 1999, 48, 589-593.	0.2	12
46	Modification of H ₂ -sensitive breakdown voltages of SnO ₂ varistors with noble metals. Sensors and Actuators B: Chemical, 1998, 52, 38-44.	7.8	28
47	Decomposition of Trichloroethylene by Microwave-Induced Plasma Generated from SiC Whiskers. Journal of the Electrochemical Society, 1998, 145, 229-235.	2.9	4
48	Zinc Oxide Varistor Gas Sensors: II, Effect of Chromium(III) Oxide and Yttrium Oxide Additives on the Hydrogen-Sensing Properties. Journal of the American Ceramic Society, 1998, 81, 1633-1643.	3.8	48
49	NO _x Gas Sensing Properties of ZnO-based Varistor-type Gas Sensors. IEEJ Transactions on Sensors and Micromachines, 1998, 118, 130-135.	0.1	3
50	H ₂ Sensing Properties of Metal Oxide Semiconductors as Varistor-Type Gas Sensors. IEEJ Transactions on Sensors and Micromachines, 1997, 117, 560-564.	0.1	3
51	Hydrogen-sensitive breakdown voltage in the I-V characteristics of tin dioxide-based semiconductors. Sensors and Actuators B: Chemical, 1996, 33, 89-95.	7.8	25
52	Variations in I-V characteristics of oxide semiconductors induced by oxidizing gases. Sensors and Actuators B: Chemical, 1996, 35, 62-67.	7.8	117
53	Hydrogen-sensing mechanism of zinc oxide varistor gas sensors. Sensors and Actuators B: Chemical, 1995, 25, 843-850.	7.8	77
54	Zinc Oxide Varistor Gas Sensors: I, Effect of Bi ₂ O ₃ Content on the H ₂ -Sensing Properties. Journal of the American Ceramic Society, 1995, 78, 2301-2306.	3.8	51

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55	Semiconductor dimethylamine gas sensors with high sensitivity and selectivity. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 375-379.	7.8	55
56	High Ammonia Sensitive Semiconductor Gas Sensors with Double-Layer Structure and Interface Electrodes. <i>Journal of the Electrochemical Society</i> , 1994, 141, 1028-1034.	2.9	113
57	Effect of Carboxylic Acid Adsorption on the Hydrolysis and Sintered Properties of Aluminum Nitride Powder. <i>Journal of the American Ceramic Society</i> , 1994, 77, 1793-1798.	3.8	28
58	Fish Freshness Detection by Semiconductor Gas Sensors. , 1994, , 715-719.		1
59	Trimethylamine-sensing mechanism of TiO ₂ -based sensors 3. Temperature programmed desorption behaviour of trimethylamine and variation of sensitivity with sensor thickness. <i>Sensors and Actuators B: Chemical</i> , 1993, 14, 623-624.	7.8	11
60	Trimethylamine-sensing mechanism of TiO ₂ -based sensors 1. Effects of metal additives on trimethylamine-sensing properties of TiO ₂ sensors. <i>Sensors and Actuators B: Chemical</i> , 1993, 10, 229-234.	7.8	53
61	Trimethylamine-sensing mechanism of TiO ₂ -based sensors 2. Effects of catalytic activity of TiO ₂ -based specimens on their trimethylamine-sensing properties. <i>Sensors and Actuators B: Chemical</i> , 1993, 10, 235-239.	7.8	23
62	Preparation and H ₂ Sensing Properties of ZnO Varistor Gas Sensors. <i>Electrochemistry</i> , 1993, 61, 1021-1022.	0.3	12
63	Semiconductive Trimethylamine Gas Sensor for Detecting Fish Freshness. <i>Journal of Food Science</i> , 1991, 56, 1275-1278.	3.1	34
64	Trimethylamine sensor based on semiconductive metal oxides for detection of fish freshness. <i>Sensors and Actuators B: Chemical</i> , 1990, 1, 108-112.	7.8	80
65	Improvement in Trimethylamine Sensitivity of In ₂ O ₃ and Cr ₂ O ₃ Sensors by Valency Control. <i>Electrochemistry</i> , 1990, 58, 1162-1168.	0.3	11
66	Detection of Freshness of Fish by a Semiconductive Ru/TiO ₂ Sensor. <i>Journal of the Electrochemical Society</i> , 1988, 135, 2539-2540.	2.9	62
67	Enhancement of Trimethylamine Sensitivity of Semiconductor Gas Sensors by Ruthenium. <i>Chemistry Letters</i> , 1988, 17, 389-392.	1.3	32