

# Mitsutoshi Takaya

## List of Publications by Year in descending order

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36  
papers

591  
citations

623734

14  
h-index

610901

24  
g-index

38  
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38  
docs citations

38  
times ranked

800  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genotoxicity and Cytotoxicity of Multi-wall Carbon Nanotubes in Cultured Chinese Hamster Lung Cells in Comparison with Chrysotile A Fibers. <i>Journal of Occupational Health</i> , 2010, 52, 155-166.	2.1	102
2	Pulmonary Toxicity of Intratracheally Instilled Multiwall Carbon Nanotubes in Male Fischer 344 Rats. <i>Industrial Health</i> , 2010, 48, 783-795.	1.0	72
3	Distinguishing nanomaterial particles from background airborne particulate matter for quantitative exposure assessment. <i>Journal of Nanoparticle Research</i> , 2009, 11, 1651-1659.	1.9	54
4	Dissolution of Functional Materials and Rare Earth Oxides into Pseudo Alveolar Fluid. <i>Industrial Health</i> , 2006, 44, 639-644.	1.0	36
5	DMA as a Gas Converter from Aerosol to "Argonson" for Real-Time Chemical Analysis Using ICP-MS. <i>Aerosol Science and Technology</i> , 2002, 36, 76-83.	3.1	35
6	Pulmonary Toxicity Induced by Intratracheal Instillation of Coarse and Fine Particles of Cerium Dioxide in Male Rats. <i>Industrial Health</i> , 2010, 48, 3-11.	1.0	29
7	Translocation of Intratracheally Instilled Multiwall Carbon Nanotubes to Lung-Associated Lymph Nodes in Rats. <i>Industrial Health</i> , 2011, 49, 215-220.	1.0	29
8	A Probable Case of Chronic Occupational Thallium Poisoning in a Glass Factory.. <i>Industrial Health</i> , 1998, 36, 300-303.	1.0	27
9	Evaluation of Exposure Risk in the Weaving Process of MWCNT-Coated Yarn with Real-time Particle Concentration Measurements and Characterization of Dust Particles. <i>Industrial Health</i> , 2012, 50, 147-155.	1.0	27
10	Laboratory Measurement of Hazardous Fumes and Gases at a Point Corresponding to Breathing Zone of Welder during a CO2 Arc Welding.. <i>Industrial Health</i> , 2000, 38, 69-78.	1.0	21
11	Estimation of Fibrous Aerosol Deposition in Upper Bronchi Based on Experimental Data with Model Bifurcation.. <i>Industrial Health</i> , 2001, 39, 141-149.	1.0	20
12	Performance evaluation of newly developed portable aerosol sizers used for nanomaterial aerosol measurements. <i>Industrial Health</i> , 2015, 53, 511-516.	1.0	19
13	Ion-Channel "Mimetic Sensors Based on Self-Assembled Monolayers of Phosphate Esters: High Selectivity for Trivalent Cations. <i>Mikrochimica Acta</i> , 1999, 132, 55-60.	5.0	18
14	Characteristics of Multiwall Carbon Nanotubes for an Intratracheal Instillation Study with Rats. <i>Industrial Health</i> , 2010, 48, 452-459.	1.0	16
15	Lung Lesions Induced by Intratracheal Instillation of Vanadium Pentoxide Powder in Rats.. <i>Industrial Health</i> , 2001, 39, 8-15.	1.0	13
16	Development of an analytical method for beryllium in airborne dust by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1999, 850, 363-368.	3.7	12
17	Speciation of Vanadium(IV) and Vanadium(V) Using Ion-exchange Chromatography and ICP-AES.. <i>Industrial Health</i> , 1994, 32, 165-178.	1.0	11
18	Approach to the Exposure Assessment of MWCNT by Considering Size Distribution and Oxidation Temperature of Elemental Carbon. <i>Journal of Physics: Conference Series</i> , 2013, 429, 012004.	0.4	11

#	ARTICLE	IF	CITATIONS
19	Selective Determination Method for Vanadium (V) and Vanadium (IV) Controlling the pH of Media for a Solid-Liquid Extraction Column.. Industrial Health, 2000, 38, 91-94.	1.0	10
20	Field Evaluation of Mercury Vapor Analytical Methods: Comparison of the "Double Amalgam Method" and ISO 17733. Industrial Health, 2006, 44, 287-290.	1.0	8
21	Exposure assessment of MWCNTs in their life cycle. Journal of Physics: Conference Series, 2015, 617, 012009.	0.4	5
22	Reactivity and relative reaction rates of formaldehyde, acetaldehyde, and acetone coexisting with large quantities of acetone on 2,4-dinitrophenylhydrazine-impregnated filters. Analytical Methods, 2019, 11, 2785-2789.	2.7	3
23	Analytical Performance Criteria. Journal of Occupational and Environmental Hygiene, 2004, 1, D75-D79.	1.0	1
24	Effects of a repeated low dose of LiCl injection under conditioned taste/flavor aversion using xylene. Fundamental Toxicological Sciences, 2014, 1, 135-142.	0.6	1
25	Development of Real-time Gas monitor Using an Ion Mobility Spectrometer for Work Environment Measurement. Journal of Occupational Safety and Health, 2021, 14, 141-147.	0.0	1
26	Conditioned taste aversion with low-dose organic solvents. Journal of Occupational Safety and Health, 2015, 8, 83-90.	0.0	1
27	Analytical method using SEM-EDS for metal elements present in particulate matter generated from stainless steel flux-cored arc welding process. Journal of Hazardous Materials, 2022, 424, 127412.	12.4	1
28	Screening check test to confirm the relative reactivity and applicability of 2,4-dinitrophenylhydrazine impregnated-filters for formaldehyde on other compounds. Journal of Occupational Health, 2022, 64, e12333.	2.1	1
29	Title is missing!. Journal of Occupational Safety and Health, 2008, 1, 239-244.	0.0	0
30	Title is missing!. Journal of Occupational Safety and Health, 2010, 3, 125-128.	0.0	0
31	Developing a Simple Continuous Polydisperse Aerosol Generator for Use in Testing Methods of Measuring Nanomaterials in Workplaces. Journal of Occupational Safety and Health, 2014, 7, 31-38.	0.0	0
32	Using handheld X-ray fluorescence analyzer for workplace air-quality assessment—Titanium dioxide analysis using a sample and platform's fluorescence bundle fundamental parameter method. Journal of Occupational Safety and Health, 2015, 8, 71-78.	0.0	0
33	Examination of validity of a conditioned odor aversion (COA) procedure using low-dose of organic solvent as an applied procedure of the conditioned taste aversion. Industrial Health, 2018, 56, 141-149.	1.0	0
34	2H3-1—Usability evaluation of shape and position in pumps for personal exposure measurement. Ningen Kogaku = the Japanese Journal of Ergonomics, 2018, 54, 2H3-1-2H3-1.	0.1	0
35	Collection efficiencies of PTFE-coated glass fiber filters used for NWPS-254 personal dust sampler. Journal of Occupational Safety and Health, 2019, 12, 107-111.	0.0	0
36	Dissolution assessment of manganese oxides in artificial sweat. Journal of Occupational Safety and Health, 2020, 13, 117-124.	0.0	0