

Katsuhide Fujita

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

63 papers	2,591 citations	29 h-index	50 g-index
64 ext. papers	2,781 ext. citations	3.9 avg, IF	4.39 L-index

#	Paper	IF	Citations
63	Genotoxicity assessment of cellulose nanofibrils using a standard battery of and assays.. <i>Toxicology Reports</i> , 2022 , 9, 68-77	4.8	3
62	Pulmonary toxicity, cytotoxicity, and genotoxicity of submicron-diameter carbon fibers with different diameters and lengths. <i>Toxicology</i> , 2021 , 466, 153063	4.4	1
61	Pulmonary inflammation following intratracheal instillation of cellulose nanofibrils in rats: comparison with multi-walled carbon nanotubes. <i>Cellulose</i> , 2021 , 28, 7143-7164	5.5	2
60	Screening of preservatives and evaluation of sterilized cellulose nanofibers for toxicity studies. <i>Journal of Occupational Health</i> , 2020 , 62, e12176	2.3	3
59	A review of pulmonary toxicity studies of nanocellulose. <i>Inhalation Toxicology</i> , 2020 , 32, 231-239	2.7	12
58	Cytotoxicity profiles of multi-walled carbon nanotubes with different physico-chemical properties. <i>Toxicology Mechanisms and Methods</i> , 2020 , 30, 477-489	3.6	9
57	Effect of lower chlorinated hydroxylated-polychlorobiphenyls on development of PC12 cells. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 16434-16445	5.1	3
56	Size-dependent cell uptake of carbon nanotubes by macrophages: A comparative and quantitative study. <i>Carbon</i> , 2018 , 127, 93-101	10.4	44
55	Basic study of intratracheal instillation study of nanomaterials for the estimation of the hazards of nanomaterials. <i>Industrial Health</i> , 2018 , 56, 30-39	2.5	2
54	Assessment of cytotoxicity and mutagenicity of exfoliated graphene. <i>Toxicology in Vitro</i> , 2018 , 52, 195-202	2.6	20
53	Pharyngeal aspiration of single-wall carbon nanotubes aggravates allergic reaction to inhaled ovalbumin in mice. <i>Toxicological and Environmental Chemistry</i> , 2017 , 99, 134-147	1.4	
52	Length effects of single-walled carbon nanotubes on pulmonary toxicity after intratracheal instillation in rats. <i>Journal of Toxicological Sciences</i> , 2017 , 42, 367-378	1.9	15
51	Significance of Intratracheal Instillation Tests for the Screening of Pulmonary Toxicity of Nanomaterials. <i>Journal of UOEH</i> , 2017 , 39, 123-132	1.6	10
50	A 104-week pulmonary toxicity assessment of long and short single-wall carbon nanotubes after a single intratracheal instillation in rats. <i>Inhalation Toxicology</i> , 2017 , 29, 471-482	2.7	13
49	Pulmonary and pleural inflammation after intratracheal instillation of short single-walled and multi-walled carbon nanotubes. <i>Toxicology Letters</i> , 2016 , 257, 23-37	4.4	36
48	Detoxification of hydroxylated polychlorobiphenyls by <i>Sphingomonas</i> sp. strain N-9 isolated from forest soil. <i>Chemosphere</i> , 2016 , 165, 173-182	8.4	18
47	Effects of Various Carbon Nanotube Suspensions on A549, THP-1, and Peritoneal Macrophage Cells. <i>Journal of Biomimetics, Biomaterials and Biomedical Engineering</i> , 2015 , 24, 1-13	0.6	1

46	Size effects of single-walled carbon nanotubes on in vivo and in vitro pulmonary toxicity. <i>Inhalation Toxicology</i> , 2015 , 27, 207-23	2.7	62
45	The Expression of Inflammatory Cytokine and Heme Oxygenase-1 Genes in THP-1 Cells Exposed to Metal Oxide Nanoparticles. <i>Journal of Nano Research</i> , 2015 , 30, 116-127	1	6
44	Intratracheal instillation of single-wall carbon nanotubes in the rat lung induces time-dependent changes in gene expression. <i>Nanotoxicology</i> , 2015 , 9, 290-301	5.3	34
43	Evaluation of cellular influences caused by calcium carbonate nanoparticles. <i>Chemico-Biological Interactions</i> , 2014 , 210, 64-76	5	31
42	Evaluation of cellular effects of silicon dioxide nanoparticles. <i>Toxicology Mechanisms and Methods</i> , 2014 , 24, 196-203	3.6	8
41	Cellular effects of industrial metal nanoparticles and hydrophilic carbon black dispersion. <i>Journal of Toxicological Sciences</i> , 2014 , 39, 897-907	1.9	9
40	Chromium(III) oxide nanoparticles induced remarkable oxidative stress and apoptosis on culture cells. <i>Environmental Toxicology</i> , 2013 , 28, 61-75	4.2	60
39	In vitro evaluation of cellular influences induced by stable fullerene C ₆₀ medium dispersion: induction of cellular oxidative stress. <i>Chemosphere</i> , 2013 , 93, 1182-8	8.4	10
38	Evaluation of the biological influence of a stable carbon nanohorn dispersion. <i>Carbon</i> , 2013 , 54, 155-167	10.4	15
37	Dispersant affects the cellular influences of single-wall carbon nanotube: the role of CNT as carrier of dispersants. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 315-22	3.6	20
36	Physical properties of single-wall carbon nanotubes in cell culture and their dispersal due to alveolar epithelial cell response. <i>Toxicology Mechanisms and Methods</i> , 2013 , 23, 598-609	3.6	23
35	Evaluation of cellular influences induced by stable nanodiamond dispersion; the cellular influences of nanodiamond are small. <i>Diamond and Related Materials</i> , 2012 , 24, 15-24	3.5	28
34	Comparison of acute oxidative stress on rat lung induced by nano and fine-scale, soluble and insoluble metal oxide particles: NiO and TiO ₂ . <i>Inhalation Toxicology</i> , 2012 , 24, 391-400	2.7	55
33	Pulmonary toxicity of well-dispersed single-wall carbon nanotubes after inhalation. <i>Nanotoxicology</i> , 2012 , 6, 766-75	5.3	39
32	Association of the physical and chemical properties and the cytotoxicity of metal oxide nanoparticles: metal ion release, adsorption ability and specific surface area. <i>Metallomics</i> , 2012 , 4, 350-60	4.5	124
31	In vitro evaluation of cellular response induced by manufactured nanoparticles. <i>Chemical Research in Toxicology</i> , 2012 , 25, 605-19	4	148
30	Association of zinc ion release and oxidative stress induced by intratracheal instillation of ZnO nanoparticles to rat lung. <i>Chemico-Biological Interactions</i> , 2012 , 198, 29-37	5	141
29	Pulmonary Toxicity of Well-Dispersed Single-Wall Carbon Nanotubes Following Intratracheal Instillation. <i>Journal of Nano Research</i> , 2012 , 18-19, 9-25	1	16

28	Pulmonary toxicity of well-dispersed multi-wall carbon nanotubes following inhalation and intratracheal instillation. <i>Nanotoxicology</i> , 2012 , 6, 587-99	5.3	74
27	Toxicity of Metal Oxides Nanoparticles. <i>Advances in Molecular Toxicology</i> , 2011 , 5, 145-178	0.4	37
26	Evaluation of acute oxidative stress induced by NiO nanoparticles in vivo and in vitro. <i>Journal of Occupational Health</i> , 2011 , 53, 64-74	2.3	84
25	Biopersistence of inhaled MWCNT in rat lungs in a 4-week well-characterized exposure. <i>Inhalation Toxicology</i> , 2011 , 23, 784-91	2.7	23
24	Pathological features of rat lung following inhalation and intratracheal instillation of C(60) fullerene. <i>Inhalation Toxicology</i> , 2011 , 23, 407-16	2.7	25
23	Evaluation of cellular influences of platinum nanoparticles by stable medium dispersion. <i>Metallomics</i> , 2011 , 3, 1244-52	4.5	32
22	Preparation and characterization of stable dispersions of carbon black and nanodiamond in culture medium for in vitro toxicity assessment. <i>Carbon</i> , 2011 , 49, 3989-3997	10.4	26
21	Cellular responses induced by cerium oxide nanoparticles: induction of intracellular calcium level and oxidative stress on culture cells. <i>Journal of Biochemistry</i> , 2011 , 150, 461-71	3.1	80
20	In vitro evaluation of cellular responses induced by stable fullerene C60 medium dispersion. <i>Journal of Biochemistry</i> , 2010 , 148, 289-98	3.1	41
19	Dispersion characteristics of various metal oxide secondary nanoparticles in culture medium for in vitro toxicology assessment. <i>Toxicology in Vitro</i> , 2010 , 24, 1009-18	3.6	46
18	Cellular responses by stable and uniform ultrafine titanium dioxide particles in culture-medium dispersions when secondary particle size was 100 nm or less. <i>Toxicology in Vitro</i> , 2010 , 24, 1629-38	3.6	48
17	Expression of inflammation-related cytokines following intratracheal instillation of nickel oxide nanoparticles. <i>Nanotoxicology</i> , 2010 , 4, 161-76	5.3	69
16	Characterization of fullerene colloidal suspension in a cell culture medium for in vitro toxicity assessment. <i>Molecular BioSystems</i> , 2010 , 6, 1238-46		15
15	Identification of potential biomarkers from gene expression profiles in rat lungs intratracheally instilled with C(60) fullerenes. <i>Toxicology</i> , 2010 , 274, 34-41	4.4	23
14	Inflammogenic effect of well-characterized fullerenes in inhalation and intratracheal instillation studies. <i>Particle and Fibre Toxicology</i> , 2010 , 7, 4	8.4	49
13	Expression of cytokine-induced neutrophil chemoattractant in rat lungs by intratracheal instillation of nickel oxide nanoparticles. <i>Inhalation Toxicology</i> , 2009 , 21, 1030-9	2.7	53
12	Gene expression profiles in rat lung after inhalation exposure to C60 fullerene particles. <i>Toxicology</i> , 2009 , 258, 47-55	4.4	80
11	Ultrafine NiO particles induce cytotoxicity in vitro by cellular uptake and subsequent Ni(II) release. <i>Chemical Research in Toxicology</i> , 2009 , 22, 1415-26	4	126

10	Reliable size determination of nanoparticles using dynamic light scattering method for in vitro toxicology assessment. <i>Toxicology in Vitro</i> , 2009 , 23, 927-34	3.6	91
9	Effects of ultrafine TiO ₂ particles on gene expression profile in human keratinocytes without illumination: involvement of extracellular matrix and cell adhesion. <i>Toxicology Letters</i> , 2009 , 191, 109-174	4	54
8	Protein adsorption of ultrafine metal oxide and its influence on cytotoxicity toward cultured cells. <i>Chemical Research in Toxicology</i> , 2009 , 22, 543-53	4	223
7	A Gene Expression Profiling Approach to Study the Influence of Ultrafine Particles on Rat Lungs 2009 , 219-227		4
6	Induction of adaptive response and enhancement of PC12 cell tolerance by lipopolysaccharide primarily through the upregulation of glutathione S-transferase A3 via Nrf2 activation. <i>Free Radical Biology and Medicine</i> , 2008 , 45, 1437-45	7.8	20
5	The genome-wide screening of yeast deletion mutants to identify the genes required for tolerance to ethanol and other alcohols. <i>FEMS Yeast Research</i> , 2006 , 6, 744-50	3.1	123
4	The cell structural properties of <i>Kocuria rhizophila</i> for aliphatic alcohol exposure. <i>Enzyme and Microbial Technology</i> , 2006 , 39, 511-518	3.8	14
3	Genome-wide expression analysis of yeast response during exposure to 4 degrees C. <i>Extremophiles</i> , 2006 , 10, 117-28	3	78
2	Lcb4p sphingoid base kinase localizes to the Golgi and late endosomes. <i>FEBS Letters</i> , 2002 , 532, 97-102	3.8	18
1	Hsp104 responds to heat and oxidative stress with different intracellular localization in <i>Saccharomyces cerevisiae</i> . <i>Biochemical and Biophysical Research Communications</i> , 1998 , 248, 542-7	3.4	14