Junko Takahashi

List of Publications by Year
in descending order

30 papers	854 citations	687363 13 h-index	477307 29 g-index
30 all docs	30 docs citations	30 times ranked	1504 citing authors

#	Article	IF	Citations
1	Detection and monitoring of insect traces in bioaerosols. PeerJ, 2021, 9, e10862.	2.0	12
2	In Vivo Study of the Efficacy and Safety of 5-Aminolevulinic Radiodynamic Therapy for Glioblastoma Fractionated Radiotherapy. International Journal of Molecular Sciences, 2021, 22, 9762.	4.1	6
3	Immunostimulatory Effects of Radiotherapy for Local and Systemic Control of Melanoma: A Review. International Journal of Molecular Sciences, 2020, 21, 9324.	4.1	22
4	DNA Strand Break Properties of Protoporphyrin IX by X-ray Irradiation against Melanoma. International Journal of Molecular Sciences, 2020, 21, 2302.	4.1	11
5	Evaluation of the effect of high pressure carbon dioxide-pasteurized food on animal health. High Pressure Research, 2019, 39, 357-366.	1.2	4
6	Relationship between flavonoid structure and reactive oxygen species generation upon ultraviolet and X-ray irradiation. Journal of Photochemistry and Photobiology A: Chemistry, 2019, 384, 112044.	3.9	10
7	Verification of 5-Aminolevurinic Radiodynamic Therapy Using a Murine Melanoma Brain Metastasis Model. International Journal of Molecular Sciences, 2019, 20, 5155.	4.1	12
8	Assessment of harmfulness and biological effect of carbon fiber dust generated during new carbon fiber recycling method. Journal of Hazardous Materials, 2019, 378, 120777.	12.4	17
9	The Truth of Toxicity Caused by Yttrium Oxide Nanoparticles to Yeast Cells. Journal of Nanoscience and Nanotechnology, 2019, 19, 5418-5425.	0.9	12
10	Screening of X-ray responsive substances for the next generation of radiosensitizers. Scientific Reports, 2019, 9, 18163.	3.3	4
11	Verification of radiodynamic therapy by medical linear accelerator using a mouse melanoma tumor model. Scientific Reports, 2018, 8, 2728.	3.3	31
12	Luteolin as reactive oxygen generator by X-ray and UV irradiation. Radiation Physics and Chemistry, 2018, 146, 11-18.	2.8	6
13	Self-assembled nanodiamond supraparticles for anticancer chemotherapy. Nanoscale, 2018, 10, 8969-8978.	5.6	24
14	Evaluation of the physiology of miniature pig fed Shochu distillery waste using mRNA expression profiling. Journal of Material Cycles and Waste Management, 2018, 20, 237-244.	3.0	4
15	Oxidative stress caused by TiO2 nanoparticles under UV irradiation is due to UV irradiation not through nanoparticles. Chemico-Biological Interactions, 2018, 294, 144-150.	4.0	10
16	RNA Quality Control Using External Standard RNA. Polish Journal of Microbiology, 2018, 67, 347-353.	1.7	2
17	THE ROLE OF TRANSCRIPTOMICS: PHYSIOLOGICAL EQUIVALENCE BASED ON GENE EXPRESSION PROFILES. Reviews in Agricultural Science, 2017, 5, 21-35.	2.7	1
18	Combined treatment with X-ray irradiation and 5-aminolevulinic acid elicits better transcriptomic response of cell cycle-related factors than X-ray irradiation alone. International Journal of Radiation Biology, 2016, 92, 774-789.	1.8	20

#	Article	IF	Citations
19	Transcriptome Analysis of Porphyrin-Accumulated and X-Ray-Irradiated Cell Cultures under Limited Proliferation and Non-Lethal Conditions. Microarrays (Basel, Switzerland), 2015, 4, 25-40.	1.4	11
20	Gene expression profiling can predict the fate of HeLa cells exposed to X-ray irradiation with or without protoporphyrin accumulation. Genomics Data, 2015, 5, 192-194.	1.3	1
21	5-Aminolevulinic acid enhances cancer radiotherapy in a mouse tumor model. SpringerPlus, 2013, 2, 602.	1.2	38
22	Evaluation for Integrity of Extracted RNA by Reference Material of RNA. Journal of Medical Diagnostic Methods, 2013, 02, .	0.0	0
23	Oligonucleotide Microarray Analysis of Dietary-Induced Hyperlipidemia Gene Expression Profiles in Miniature Pigs. PLoS ONE, 2012, 7, e37581.	2.5	16
24	Generation of reactive oxygen species induced by gold nanoparticles under x-ray and UV Irradiations. Nanomedicine: Nanotechnology, Biology, and Medicine, 2011, 7, 604-614.	3.3	291
25	Oligonucleotide Microarray Analysis of Age-Related Gene Expression Profiles in Miniature Pigs. PLoS ONE, 2011, 6, e19761.	2.5	6
26	Characterization of reactive oxygen species generated by protoporphyrin IX under X-ray irradiation. Radiation Physics and Chemistry, 2009, 78, 889-898.	2.8	47
27	Flexible manipulation of microfluids using optically regulated adsorption/desorption of hydrophobic materials. Biosensors and Bioelectronics, 2007, 22, 1968-1973.	10.1	35
28	Analysis of Potential Radiosensitizing Materials for X-Ray-Induced Photodynamic Therapy. Nanobiotechnology, 2007, 3, 116-126.	1.2	51
29	Response of Saccharomyces cerevisiae to a monoterpene: evaluation of antifungal potential by DNA microarray analysis. Journal of Antimicrobial Chemotherapy, 2004, 54, 46-55.	3.0	95
30	Effects of the Pesticide Thiuram:Â Genome-wide Screening of Indicator Genes by Yeast DNA Microarray. Environmental Science & Technology, 2002, 36, 3908-3915.	10.0	55