

Masatoshi Suzuki

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,021
citations

430874

18
h-index

642732

23
g-index

26
all docs

26
docs citations

26
times ranked

1044
citing authors

#	ARTICLE	IF	CITATIONS
1	Morphological reproductive characteristics of testes and fertilization capacity of cryopreserved sperm after the Fukushima accident in raccoon (<i>Procyon lotor</i>). <i>Reproduction in Domestic Animals</i> , 2021, 56, 484-497.	1.4	7
2	Analysis of Radioactive Elements in Testes of Large Japanese Field Mice Using an Electron Probe Micro-Analyser after the Fukushima Accident. , 2020, , .		0
3	Internal exposure rate conversion coefficients and absorbed fractions of mouse for ¹³⁷ Cs, ¹³⁴ Cs and ⁹⁰ Sr contamination in body. <i>Journal of Radiation Research</i> , 2020, 61, 535-545.	1.6	3
4	402.7-Tb/s MDM-WDM Transmission Over Weakly Coupled 10-Mode Fiber Using Rate-Adaptive PS-16QAM Signals. <i>Journal of Lightwave Technology</i> , 2020, 38, 2835-2841.	4.6	37
5	Transgenerational Effects on Calf Spermatogenesis and Metabolome Associated with Paternal Exposure to the Fukushima Nuclear Power Plant Accident. , 2020, , 125-138.		1
6	Weakly coupled 10-mode-division multiplexed transmission over 48-km few-mode fibers with real-time coherent MIMO receivers. <i>Optics Express</i> , 2020, 28, 19655.	3.4	26
7	MiR-7-5p is a key factor that controls radioresistance via intracellular Fe ²⁺ content in clinically relevant radioresistant cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 518, 712-718.	2.1	57
8	257-Tbit/s Weakly Coupled 10-Mode C + L-Band WDM Transmission. <i>Journal of Lightwave Technology</i> , 2018, 36, 1375-1381.	4.6	102
9	10.16-Peta-bit/s Dense SDM/WDM Transmission over 6-Mode 19-Core Fiber across the C+L Band. <i>Journal of Lightwave Technology</i> , 2018, , 1-1.	4.6	77
10	Haematological analysis of Japanese macaques (<i>Macaca fuscata</i>) in the area affected by the Fukushima Daiichi Nuclear Power Plant accident. <i>Scientific Reports</i> , 2018, 8, 16748.	3.3	34
11	ddY Mice Fed 10% Fat Diet Exhibit High p27KIP Expression and Delayed Hepatocyte DNA Synthesis During Liver Regeneration. <i>Metabolic Syndrome and Related Disorders</i> , 2018, 16, 305-313.	1.3	6
12	Regulation of pairing between broken DNA-containing chromatin regions by Ku80, DNA-PKcs, ATM, and 53BP1. <i>Scientific Reports</i> , 2017, 7, 41812.	3.3	15
13	The Causal Relationship between DNA Damage Induction in Bovine Lymphocytes and the Fukushima Nuclear Power Plant Accident. <i>Radiation Research</i> , 2017, 187, 630-636.	1.5	28
14	Analysis of Plasma Protein Concentrations and Enzyme Activities in Cattle within the Ex-Evacuation Zone of the Fukushima Daiichi Nuclear Plant Accident. <i>PLoS ONE</i> , 2016, 11, e0155069.	2.5	27
15	Ultra-dense spatial-division-multiplexed optical fiber transmission over 6-mode 19-core fibers. <i>Optics Express</i> , 2016, 24, 10213.	3.4	69
16	The Involvement of Mitochondrial Membrane Potential in Cross-Resistance Between Radiation and Docetaxel. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 556-565.	0.8	28
17	51.1-Tbit/s MCF Transmission Over 2520 km Using Cladding-Pumped Seven-Core EDFAs. <i>Journal of Lightwave Technology</i> , 2016, 34, 761-767.	4.6	28
18	A comprehensive dose evaluation project concerning animals affected by the Fukushima Daiichi Nuclear Power Plant accident: its set-up and progress. <i>Journal of Radiation Research</i> , 2015, 56, i36-i41.	1.6	23

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19	Ultra-Long-Haul High-Capacity Super-Nyquist-WDM Transmission Experiment Using Multi-Core Fibers. Journal of Lightwave Technology, 2015, 33, 1027-1036.	4.6	28
20	Super-Nyquist-WDM transmission over 7,326-km seven-core fiber with capacity-distance product of 103 Exabit/sÅ·km. Optics Express, 2014, 22, 1220.	3.4	197
21	Trans-oceanic class ultra-long-haul transmission using multi-core fiber. Optics Express, 2014, 22, 31761.	3.4	10
22	Guanine nucleotide-binding protein 1 is one of the key molecules contributing to cancer cell radioresistance. Cancer Science, 2014, 105, 1351-1359.	3.9	33
23	1109-Tbit/s SDM transmission over 6,370 km using a full C-band seven-core EDFA. Optics Express, 2013, 21, 18053.	3.4	50
24	Effects of radioactive caesium on bull testes after the Fukushima nuclear plant accident. Scientific Reports, 2013, 3, 2850.	3.3	65
25	Phosphorylated Histone H2AX Foci Persist on Rejoined Mitotic Chromosomes in Normal Human Diploid Cells Exposed to Ionizing Radiation. Radiation Research, 2006, 165, 269-276.	1.5	69