

Dong Lu

List of Publications by Year in descending order

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26
papers

313
citations

1306789

7
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940134

16
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27
all docs

27
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27
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Repair characteristics and time-dependent effects in <i>Saccharomyces cerevisiae</i> cells after X-ray irradiation. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 1.	1.7	91
2	A quick isolation method for mutants with high lipid yield in oleaginous yeast. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 921-925.	1.7	52
3	Effects of X-ray and carbon ion beam irradiation on membrane permeability and integrity in <i>Saccharomyces cerevisiae</i> cells. <i>Journal of Radiation Research</i> , 2015, 56, 294-304.	0.8	39
4	A Comet Assay for DNA Damage and Repair After Exposure to Carbon-Ion Beams or X-rays in <i>Saccharomyces Cerevisiae</i> . <i>Dose-Response</i> , 2018, 16, 155932581879246.	0.7	15
5	A genome-wide view of mutations in respiration-deficient mutants of <i>Saccharomyces cerevisiae</i> selected following carbon ion beam irradiation. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 1851-1864.	1.7	14
6	Heavy ion mutagenesis combined with triclosan screening provides a new strategy for improving the arachidonic acid yield in <i>Mortierella alpina</i> . <i>BMC Biotechnology</i> , 2018, 18, 23.	1.7	12
7	Increased Water-Soluble Yellow <i>Monascus</i> Pigment Productivity via Dual Mutagenesis and Submerged Repeated-Batch Fermentation of <i>Monascus purpureus</i> . <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	12
8	Cd resistant characterization of mutant strain irradiated by carbon-ion beam. <i>Journal of Hazardous Materials</i> , 2018, 353, 1-8.	6.5	11
9	Repair characteristics and time-dependent effects in response to heavy-ion beam irradiation in <i>Saccharomyces cerevisiae</i> : a comparison with X-ray irradiation. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 4043-4057.	1.7	10
10	Determining survival fractions of <i>Saccharomyces cerevisiae</i> in response to ionizing radiation in liquid culture. <i>Journal of Radiation Research</i> , 2018, 59, 760-764.	0.8	8
11	Effects of Carbon Ion Beam Irradiation on Butanol Tolerance and Production of <i>Clostridium acetobutylicum</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 602774.	1.5	8
12	Complete Genome Sequence Analysis of <i>Acidithiobacillus ferrivorans</i> XJFY6S-08 Reveals Environmental Adaptation to Alpine Acid Mine Drainage. <i>Current Microbiology</i> , 2021, 78, 1488-1498.	1.0	7
13	The biological mechanisms of butanol tolerance and the application of solvent-tolerant bacteria for environmental protection. <i>Journal of Chemical Technology and Biotechnology</i> , 2020, 95, 1290-1297.	1.6	6
14	Photosynthetic Effect in <i>Selenastrum capricornutum</i> Progeny after Carbon-Ion Irradiation. <i>PLoS ONE</i> , 2016, 11, e0149381.	1.1	5
15	Response characteristics of the membrane integrity and physiological activities of the mutant strain Y217 under exogenous butanol stress. <i>Applied Microbiology and Biotechnology</i> , 2021, 105, 2455-2472.	1.7	4
16	Tumor Cell "Accelerated Senescence Is Associated With DNA-PKcs Status and Telomere Dysfunction Induced by Radiation. <i>Dose-Response</i> , 2018, 16, 155932581877152.	0.7	3
17	Variation in RNA editing sites of chloroplast protein-coding genes in early-maturity mutant induced by carbon-ion beam in Sweet Sorghum. <i>Plant Breeding</i> , 2020, 139, 762-778.	1.0	3
18	Study on DNA Damage Induced by Neon Beam Irradiation in <i>Saccharomyces Cerevisiae</i> . <i>Plasma Science and Technology</i> , 2010, 12, 753-756.	0.7	2

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19	“Saddle-shaped” dose-survival effect, is it a general and valuable phenomenon in microbes in response to heavy ion beam irradiation?. <i>Annals of Microbiology</i> , 2019, 69, 221-232.	1.1	2
20	Quantitative multi-omics analysis of the effects of mitochondrial dysfunction on lipid metabolism in <i>Saccharomyces cerevisiae</i> . <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 1211-1226.	1.7	2
21	LsrB, the hub of ABC transporters involved in the membrane damage mechanisms of heavy ion irradiation in <i>Escherichia coli</i> . <i>International Journal of Radiation Biology</i> , 2021, 97, 1731-1740.	1.0	2
22	Potential and whole-genome sequence-based mechanism of elongated-prismatic magnetite magnetosome formation in <i>Acidithiobacillus ferrooxidans</i> BYM. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, .	1.7	2
23	Lipidomics Studies on Mitochondrial Damage of <i>Saccharomyces cerevisiae</i> Induced by Heavy Ion Beam Radiation. <i>Chinese Journal of Analytical Chemistry</i> , 2018, 46, 1714-1723.	0.9	1
24	The Role of MiR-5094 as a Proliferation Suppressor during Cellular Radiation Response via Downregulating STAT5b. <i>Journal of Cancer</i> , 2020, 11, 2222-2233.	1.2	1
25	Chk1 Inhibition Hinders the Restoration of H3.1K56 and H3.3K56 Acetylation and Reprograms Gene Transcription After DNA Damage Repair. <i>Frontiers in Oncology</i> , 2022, 12, 862592.	1.3	1
26	A Potential Substitute of Fermentation Material in Gansu Province. <i>Advanced Materials Research</i> , 0, 616-618, 1416-1420.	0.3	0