TingYi Chung

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3217059/publications.pdf

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29	437	840776 11	794594 19
papers	citations	h-index	g-index

31	31	31	363
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	rSalvador: An R Package for the Fluctuation Experiment. G3: Genes, Genomes, Genetics, 2017, 7, 3849-3856.	1.8	88
2	New algorithms for Luriaâ€“DelbrÃ¼ck fluctuation analysis. Mathematical Biosciences, 2005, 196, 198-214.	1.9	54
3	The effect of cognitive fatigue on prefrontal cortex correlates of neuromuscular fatigue in older women. Journal of NeuroEngineering and Rehabilitation, 2015, 12, 115.	4.6	34
4	A new practical guide to the Luriaâ€“DelbrÃ¼ck protocol. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 781, 7-13.	1.0	32
5	A note on plating efficiency in fluctuation experiments. Mathematical Biosciences, 2008, 216, 150-153.	1.9	30
6	Comparing mutation rates under the Luriaâ€“DelbrÃ¼ck protocol. Genetica, 2016, 144, 351-359.	1.1	23
7	Violent crime redistribution in a city following a substantial increase in the number of offâ€sale alcohol outlets: A Bayesian analysis. Drug and Alcohol Review, 2018, 37, 348-355.	2.1	23
8	Methods for comparing mutation rates using fluctuation assay data. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2015, 777, 20-22.	1.0	20
9	On Haldaneâ€™s formulation of Luria and DelbrÃ¼ckâ€™s mutation model. Mathematical Biosciences, 2007, 209, 500-513.	1.9	19
10	On Bartlettâ€™s formulation of the Luriaâ€“DelbrÃ¼ck mutation model. Mathematical Biosciences, 2008, 215, 48-54.	1.9	15
11	Development of the Fatigue Risk Assessment and Management in High-Risk Environments (FRAME) Survey: A Participatory Approach. International Journal of Environmental Research and Public Health, 2019, 16, 522.	2.6	13
12	Update on Estimation of Mutation Rates Using Data From Fluctuation Experiments. Genetics, 2005, 171, 861-864.	2.9	12
13	A second look at the final number of cells in a fluctuation experiment. Journal of Theoretical Biology, 2016, 401, 54-63.	1.7	10
14	Adherence to Telemonitoring Therapy for Medicaid Patients With Hypertension: Case Study. Journal of Medical Internet Research, 2021, 23, e29018.	4.3	10
15	A Bayesian two-level model for fluctuation assay. Genetica, 2011, 139, 1409-1416.	1.1	7
16	A new discrete distribution induced by the Luriaâ€“DelbrÃ¼ck mutation model. Statistics, 2010, 44, 529-540.	0.6	6
17	Toward a Unique Definition of the Mutation Rate. Bulletin of Mathematical Biology, 2017, 79, 683-692.	1.9	6
18	A cautionary note on the mutation frequency in microbial research. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2018, 809, 51-55.	1.0	6

#	Article	IF	Citations
19	Design of a Short-Period Helical Permanent Magnet Undulator. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	5
20	New approaches to mutation rate fold change in Luriaâ€“DelbrÃ¼ck fluctuation experiments. Mathematical Biosciences, 2021, 335, 108572.	1.9	5
21	On a logical difficulty in the directed mutation debate. Genetical Research, 2009, 91, 5-7.	0.9	3
22	Twin-Helix Undulator for Round Beam-Related Light Sources. Synchrotron Radiation News, 2018, 31, 14-17.	0.8	3
23	An unbiased attitude is vital to exploring the Beijing genotype of Mycobacterium tuberculosis. Tuberculosis, 2018, 111, 193-197.	1.9	3
24	STOCHASTIC MULTISTAGE CANCER MODELS: A FRESH LOOK AT AN OLD APPROACH. Series in Mathematical Biology and Medicine, 2008, , 25-44.	0.1	3
25	A Bayesian approach for correcting for partial plating in fluctuation experiments. Genetical Research, 2011, 93, 351-356.	0.9	2
26	Sample size determination for the fluctuation experiment. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2017, 795, 10-14.	1.0	2
27	The Luriaâ€“DelbrÃ¼ck protocol is still the most practical. Journal of Theoretical Biology, 2015, 386, 188-190.	1.7	1
28	Design of Cone Magnets and Shielding to Align and Calibrate Hall Probe Measurement System. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-4.	1.7	0
29	Constructing a Permanent Magnet Phase Shifter. IEEE Transactions on Applied Superconductivity, 2018, 28, 1-5.	1.7	0