

Hideki Innan

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

1,846
citations

687363

13
h-index

610901

24
g-index

27
all docs

27
docs citations

27
times ranked

3168
citing authors

#	ARTICLE	IF	CITATIONS
1	The evolution of gene duplications: classifying and distinguishing between models. <i>Nature Reviews Genetics</i> , 2010, 11, 97-108.	16.3	1,179
2	The Effect of Gene Conversion on the Divergence Between Duplicated Genes. <i>Genetics</i> , 2004, 166, 1553-1560.	2.9	106
3	Confounding Factors in HGT Detection: Statistical Error, Coalescent Effects, and Multiple Solutions. <i>Journal of Computational Biology</i> , 2007, 14, 517-535.	1.6	77
4	On the Estimation of the Insertion Time of LTR Retrotransposable Elements. <i>Molecular Biology and Evolution</i> , 2010, 27, 896-904.	8.9	65
5	The Coalescent and Infinite-Site Model of a Small Multigene Family. <i>Genetics</i> , 2003, 163, 803-810.	2.9	58
6	Horizontal Gene Transfer in Five Parasite Plant Species in Orobanchaceae. <i>Genome Biology and Evolution</i> , 2018, 10, 3196-3210.	2.5	43
7	A Method for Estimating the Mutation, Gene Conversion and Recombination Parameters in Small Multigene Families. <i>Genetics</i> , 2002, 161, 865-872.	2.9	43
8	The Evolutionary Rate of Duplicated Genes Under Concerted Evolution. <i>Genetics</i> , 2008, 180, 493-505.	2.9	40
9	The Rate and Tract Length of Gene Conversion between Duplicated Genes. <i>Genes</i> , 2011, 2, 313-331.	2.4	38
10	Neutral and Non-Neutral Evolution of Duplicated Genes with Gene Conversion. <i>Genes</i> , 2011, 2, 191-209.	2.4	36
11	Preservation of a Pseudogene by Gene Conversion and Diversifying Selection. <i>Genetics</i> , 2008, 180, 517-531.	2.9	34
12	Simulation framework for generating intratumor heterogeneity patterns in a cancer cell population. <i>PLoS ONE</i> , 2017, 12, e0184229.	2.5	21
13	The role of gene conversion in preserving rearrangement hotspots in the human genome. <i>Trends in Genetics</i> , 2013, 29, 561-568.	6.7	16
14	Genome-wide SNP analysis of Japanese Thoroughbred racehorses. <i>PLoS ONE</i> , 2019, 14, e0218407.	2.5	16
15	The Role of Gene Conversion between Transposable Elements in Rewiring Regulatory Networks. <i>Genome Biology and Evolution</i> , 2019, 11, 1723-1729.	2.5	13
16	Gene Duplication and Gene Fusion Are Important Drivers of Tumorigenesis during Cancer Evolution. <i>Genes</i> , 2021, 12, 1376.	2.4	13
17	The Muller's Ratchet and Aging. <i>Trends in Genetics</i> , 2020, 36, 395-402.	6.7	12
18	Neutral Theory in Cancer Cell Population Genetics. <i>Molecular Biology and Evolution</i> , 2018, 35, 1316-1321.	8.9	9

#	ARTICLE	IF	CITATIONS
19	Impaired tumor immune response in metastatic tumors is a selective pressure for neutral evolution in CRC cases. <i>PLoS Genetics</i> , 2021, 17, e1009113.	3.5	7
20	Genetic and epigenetic Muller's ratchet as a mechanism of frailty and morbidity during aging: a demographic genetic model. <i>Human Genetics</i> , 2020, 139, 409-420.	3.8	6
21	A unified simulation model for understanding the diversity of cancer evolution. <i>PeerJ</i> , 2020, 8, e8842.	2.0	6
22	Evaluating the performance of neutrality tests of a local community using a niche-structured simulation model. <i>Oikos</i> , 2015, 124, 1203-1214.	2.7	5
23	Population Genetics and Molecular Evolution of DNA Sequences in Transposable Elements. II. Accumulation of Variation and Evolution of a New Subfamily. <i>Molecular Biology and Evolution</i> , 2020, 37, 355-364.	8.9	2
24	Spreading good news. <i>ELife</i> , 2015, 4, .	6.0	1
25	Non-zero-sum neutrality test for the tropical rain forest community using long-term between-census data. <i>Ecology and Evolution</i> , 2022, 12, e8462.	1.9	0