

Lev A Zhivotovsky

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

1,655
citations

14
h-index

30
g-index

30
ext. papers

1,798
ext. citations

4.9
avg, IF

4.67
L-index

#	Paper	IF	Citations
29	Estimating population structure in diploids with multilocus dominant DNA markers. <i>Molecular Ecology</i> , 1999 , 8, 907-13	5.7	602
28	The effective mutation rate at Y chromosome short tandem repeats, with application to human population-divergence time. <i>American Journal of Human Genetics</i> , 2004 , 74, 50-61	11	320
27	Features of evolution and expansion of modern humans, inferred from genomewide microsatellite markers. <i>American Journal of Human Genetics</i> , 2003 , 72, 1171-86	11	198
26	A counter-clockwise northern route of the Y-chromosome haplogroup N from Southeast Asia towards Europe. <i>European Journal of Human Genetics</i> , 2007 , 15, 204-11	5.3	111
25	Human population expansion and microsatellite variation. <i>Molecular Biology and Evolution</i> , 2000 , 17, 757-67	8.3	73
24	Difference between evolutionarily effective and germ line mutation rate due to stochastically varying haplogroup size. <i>Molecular Biology and Evolution</i> , 2006 , 23, 2268-70	8.3	43
23	PopAffiliator: online calculator for individual affiliation to a major population group based on 17 autosomal short tandem repeat genotype profile. <i>International Journal of Legal Medicine</i> , 2011 , 125, 629-36	3.1	36
22	Self-citation can inflate h-index. <i>Scientometrics</i> , 2008 , 77, 373-375	3	36
21	Migration versus mutation in the evolution of recombination under multilocus selection. <i>Genetical Research</i> , 1998 , 71, 247-56	1.1	35
20	ON THE EVOLUTION OF PHENOTYPIC PLASTICITY IN A SPATIALLY HETEROGENEOUS ENVIRONMENT. <i>Evolution; International Journal of Organic Evolution</i> , 1996 , 50, 547-558	3.8	22
19	Ecological interactions between wild and hatchery salmonids and key recommendations for research and management actions in selected regions of the North Pacific. <i>Environmental Biology of Fishes</i> , 2012 , 94, 343-358	1.6	19
18	Developing STR databases on structured populations: the native South Siberian population versus the Russian population. <i>Forensic Science International: Genetics</i> , 2009 , 3, e111-6	4.3	19
17	Relationships Between Wright's F_{ST} and F_{IS} Statistics in a Context of Wahlund Effect. <i>Journal of Heredity</i> , 2015 , 106, 306-9	2.4	16
16	Response to Comment on "Genetic Structure of Human Populations". <i>Science</i> , 2003 , 300, 1877c-1877	33.3	15
15	Rapid expansion of an enhanced stock of chum salmon and its impacts on wild population components. <i>Environmental Biology of Fishes</i> , 2012 , 94, 249-258	1.6	12
14	A reference data base on STR allele frequencies in the Belarus population developed from paternity cases. <i>Forensic Science International: Genetics</i> , 2009 , 3, e107-9	4.3	11
13	Eco-geographic units, population hierarchy, and a two-level conservation strategy with reference to a critically endangered salmonid, Sakhalin taimen <i>Parahucho perryi</i> . <i>Conservation Genetics</i> , 2015 , 16, 431-441	2.6	10

12	Decreased rate of evolution in Y chromosome STR loci of increased size of the repeat unit. <i>PLoS ONE</i> , 2009 , 4, e7276	3.7	10
11	Fitness patterns and phenotypic plasticity in a spatially heterogeneous environment. <i>Genetical Research</i> , 1996 , 68, 241-8	1.1	10
10	An STR database on the Volga-Ural population. <i>Forensic Science International: Genetics</i> , 2009 , 3, e133-6	4.3	9
9	A comprehensive population survey on the distribution of STR frequencies in Belarus. <i>Forensic Science International</i> , 2007 , 172, 156-60	2.6	9
8	Genetic sampling error of distance ($(\Delta\mu)^2$) and variation in mutation rate among microsatellite loci. <i>Molecular Biology and Evolution</i> , 2001 , 18, 2141-5	8.3	9
7	Effects of genetic drift in a small population of Atlantic cod (<i>Gadus morhua kildinensis</i> Derjugin) landlocked in a meromictic lake: genetic variation and conservation measures. <i>Conservation Genetics</i> , 2016 , 17, 229-238	2.6	8
6	ON THE DIFFERENCE BETWEEN MEAN AND OPTIMUM OF QUANTITATIVE CHARACTERS UNDER SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1992 , 46, 1574-1578	3.8	7
5	Heterogeneous selection in subdivided populations. <i>Journal of Mathematical Biology</i> , 1993 , 31, 747-59	2	6
4	A model of the early evolution of soma-to-germline feedback. <i>Journal of Theoretical Biology</i> , 2002 , 216, 51-7	2.3	2
3	The strength of the selection barrier between populations. <i>Genetical Research</i> , 2000 , 76, 179-85	1.1	2
2	THE SELECTION BARRIER BETWEEN POPULATIONS SUBJECT TO STABILIZING SELECTION. <i>Evolution; International Journal of Organic Evolution</i> , 1995 , 49, 490-501	3.8	2
1	A general multilocus two-allele model for epistatic selection. <i>Journal of Genetics</i> , 1998 , 77, 115-121	1.2	1