Lev B Klebanov

List of Publications by Year
in descending order

87	1,161	567281 15	414414 32
papers	citations	h-index	g-index

87	87	87	1187
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	On the Condition of Independence of Linear Forms with a Random Number of Summands. Mathematics, 2021, 9, 1516.	2.2	0
2	Statistical Indicators of the Scientific Publications Importance: A Stochastic Model and Critical Look. Mathematics, 2020, 8, 713.	2.2	0
3	A Study of the Correlation Structure of Microarray Gene Expression Data Based on Mechanistic Modeling of Cell Population Kinetics. , 2020, , 47-61.		0
4	Discrete Stable and Casual Stable Random Variables*. Journal of Mathematical Sciences, 2016, 218, 161-166.	0.4	1
5	Literary writing style recognition via a minimal spanning tree-based approach. Expert Systems With Applications, 2016, 61, 145-153.	7.6	9
6	Analytical-Numeric Formulas for the Probability Density Function of Multivariate Stable and Geo-Stable Distributions. Journal of Statistical Theory and Practice, 2014, 8, 260-282.	0.5	3
7	Integer valued stable random variables. Statistics and Probability Letters, 2013, 83, 1513-1519.	0.7	4
8	The Methods of Distances in the Theory of Probability and Statistics. , 2013, , .		115
9	Gene Selection with the Î´-Sequence Method. Methods in Molecular Biology, 2013, 972, 57-71.	0.9	1
10	Aggregation Effect in Microarray Data Analysis. Methods in Molecular Biology, 2013, 972, 177-191.	0.9	0
11	On a Class of Distributions Stable Under Random Summation. Journal of Applied Probability, 2012, 49, 303-318.	0.7	5
12	First-Spike Latency in the Presence of Spontaneous Activity. Neural Computation, 2010, 22, 1675-1697.	2.2	12
13	Statistical comparison of the geometry of second-phase particles. Materials Characterization, 2009, 60, 1076-1081.	4.4	5
14	Detecting intergene correlation changes in microarray analysis: a new approach to gene selection. BMC Bioinformatics, 2009, 10, 20.	2.6	66
15	Synergistic response to oncogenic mutations defines gene class critical to cancer phenotype. Nature, 2008, 453, 1112-1116.	27.8	142
16	Dr. Andrei Yakovlev: Visionary, Leader, Iconoclast. Biology Direct, 2008, 3, 10.	4.6	0
17	A nitty-gritty aspect of correlation and network inference from gene expression data. Biology Direct, 2008, 3, 35.	4.6	2
18	TESTING DIFFERENTIAL EXPRESSION IN NONOVERLAPPING GENE PAIRS: A NEW PERSPECTIVE FOR THE EMPIRICAL BAYES METHOD. Journal of Bioinformatics and Computational Biology, 2008, 06, 301-316.	0.8	7

#	Article	IF	Citations
19	Parameters of Spike Trains Observed in a Short Time Window. Neural Computation, 2008, 20, 1325-1343.	2.2	15
20	A MULTIVARIATE EXTENSION OF THE GENE SET ENRICHMENT ANALYSIS. Journal of Bioinformatics and Computational Biology, 2007, 05, 1139-1153.	0.8	36
21	Diverse correlation structures in gene expression data and their utility in improving statistical inference. Annals of Applied Statistics, 2007, 1, .	1.1	29
22	NORMALITY OF GENE EXPRESSION REVISITED. Journal of Biological Systems, 2007, 15, 39-48.	1.4	10
23	Revisiting adverse effects of cross-hybridization in Affymetrix gene expression data: do they matter for correlation analysis?. Biology Direct, 2007, 2, 28.	4.6	8
24	How high is the level of technical noise in microarray data?. Biology Direct, 2007, 2, 9.	4.6	76
25	A new approach to testing for sufficient follow-up in cure-rate analysis. Journal of Statistical Planning and Inference, 2007, 137, 3557-3569.	0.6	10
26	Statistical methods and microarray data. Nature Biotechnology, 2007, 25, 25-26.	17.5	43
27	Is there an alternative to increasing the sample size in microarray studies?. Bioinformation, 2007, 1, 429-431.	0.5	10
28	Treating Expression Levels of Different Genes as a Sample in Microarray Data Analysis: Is it Worth a Risk?. Statistical Applications in Genetics and Molecular Biology, 2006, 5, Article9.	0.6	15
29	A New Type of Stochastic Dependence Revealed in Gene Expression Data. Statistical Applications in Genetics and Molecular Biology, 2006, 5, Article7.	0.6	32
30	A permutation test motivated by microarray data analysis. Computational Statistics and Data Analysis, 2006, 50, 3619-3628.	1.2	25
31	Utility of correlation measures in analysis of gene expression. NeuroRx, 2006, 3, 384-395.	6.0	32
32	Utility of correlation measures in analysis of gene expression. Neurotherapeutics, 2006, 3, 384-395.	4.4	0
33	The effects of normalization on the correlation structure of microarray data. BMC Bioinformatics, 2005, 6, 120.	2.6	89
34	Characterization of elliptic distributions. Journal of Mathematical Sciences, 2005, 127, 1682-1686.	0.4	3
35	Correlation Between Gene Expression Levels and Limitations of the Empirical Bayes Methodology for Finding Differentially Expressed Genes. Statistical Applications in Genetics and Molecular Biology, 2005, 4, Article34.	0.6	75
36	Multivariate search for differentially expressed gene combinations. BMC Bioinformatics, 2004, 5, 164.	2.6	40

#	Article	IF	Citations
37	Multivariate exploratory tools for microarray data analysis. Biostatistics, 2003, 4, 555-567.	1.5	39
38	Variable selection and pattern recognition with gene expression data generated by the microarray technology. Mathematical Biosciences, 2002, 176, 71-98.	1.9	67
39	Ch. 9. On the reliability of hierarchical structures. Handbook of Statistics, 2001, 20, 227-236.	0.6	0
40	Characterization of distributions symmetric with respect to a group of transformations and testing of corresponding statistical hypothesis. Statistics and Probability Letters, 2001, 53, 241-247.	0.7	7
41	A new representation for the characteristic function of strictly geo-stable vectors. Journal of Applied Probability, 2000, 37, 1137-1142.	0.7	2
42	Quasi-convolutions and applications to coded images. Journal of Mathematical Sciences, 2000, 99, 1120-1126.	0.4	1
43	On reconstruction of density from a finite set of values of the radon transformation. Journal of Mathematical Sciences, 2000, 99, 1127-1129.	0.4	0
44	Trimmed, Bayesian and admissible estimators. Statistics and Probability Letters, 1999, 42, 47-51.	0.7	4
45	Pre-limit Theorems and Their Applications. Acta Applicandae Mathematicae, 1999, 58, 159-174.	1.0	8
46	Computer Tomography and Quantum Mechanics. Advances in Applied Probability, 1997, 29, 595-606.	0.7	0
47	On the location parameter confidence intervals based on a random size sample from a partially known population. Journal of Mathematical Sciences, 1996, 81, 2421-2423.	0.4	0
48	Integral and asymptotic representations of geo-stable densities. Applied Mathematics Letters, 1996, 9, 37-40.	2.7	17
49	Randomized multihit models and their identification. Journal of Applied Probability, 1996, 33, 458-471.	0.7	4
50	Commutative semigroups with positive definite kernel. Journal of Mathematical Sciences, 1994, 69, 1154-1161.	0.4	0
51	Characterization of the symmetry of a distribution by moment properties. Journal of Mathematical Sciences, 1994, 72, 2900-2902.	0.4	0
52	Asymptotic properties of parameter estimators of families of distributions, constructed from a sample of random size. Journal of Mathematical Sciences, 1994, 72, 2903-2914.	0.4	2
53	Condition for the constancy of regression of a polynomial statistic on a sample mean. Journal of Mathematical Sciences, 1994, 68, 469-474.	0.4	0
54	A stochastic model of radiation carcinogenesis: latent time distributions and their properties. Mathematical Biosciences, 1993, 113, 51-75.	1.9	57

#	Article	IF	Citations
55	A characterization of distributions by mean values of statistics and certain probabilistic metrics. Journal of Soviet Mathematics, 1992, 59, 914-920.	0.0	10
56	An estimate of the rate of convergence to a limit distribution in the minimum scheme of a random number of identically distributed random variables. Journal of Soviet Mathematics, 1991, 57, 3306-3310.	0.0	0
57	Restoration of the distribution from the mean values of the minima of a random number of random variables. Journal of Soviet Mathematics, 1990, 52, 2903-2905.	0.0	0
58	U-statistics in characterization problems. Journal of Soviet Mathematics, 1989, 47, 2713-2717.	0.0	0
59	Stability estimate in the problem of reconstruction of an analytical characteristic function. Journal of Soviet Mathematics, 1989, 47, 2718-2725.	0.0	0
60	Parametric density estimators and characterization of families of distributions with sufficient statistics for the location parameter. Journal of Soviet Mathematics, 1987, 36, 576-580.	0.0	0
61	Stability of characterization of exponential distribution by the discretization property. Journal of Soviet Mathematics, 1986, 32, 52-53.	0.0	0
62	Estimation of the closeness of distributions in terms of identical moments. Journal of Soviet Mathematics, 1986, 32, 54-60.	0.0	6
63	Stability of the characterization of the normal law by properties of parametric estimators of the distribution density. Journal of Soviet Mathematics, 1986, 34, 1498-1503.	0.0	0
64	Characterization of probability laws by the properties of the identical distributions of linear forms with random coefficients. Journal of Soviet Mathematics, 1986, 33, 734-744.	0.0	0
65	Property of ?-lack of memory at finitely many points and stability of characterization of the exponential distribution. Journal of Soviet Mathematics, 1986, 35, 2360-2362.	0.0	0
66	Stability of the characterization of the exponential law. Journal of Soviet Mathematics, 1986, 35, 2479-2485.	0.0	0
67	An estimate of the nearness of the distributions in terms of the nearness of their characteristic functions on a finite interval. Journal of Soviet Mathematics, 1984, 25, 1181-1186.	0.0	5
68	A method associated with characterizations of the exponential distribution. Annals of the Institute of Statistical Mathematics, 1983, 35, 105-114.	0.8	0
69	Some bounds on closeness of distributions in terms of characteristic functions. Journal of Soviet Mathematics, 1983, 21, 57-64.	0.0	0
70	Stability in the problem of statistical estimation and a choice of the loss function. Journal of Soviet Mathematics, 1981, 17, 2255-2264.	0.0	1
71	Stability estimation in the problem of reconstructing the additive type of a distribution. Journal of Soviet Mathematics, 1981, 17, 2265-2269.	0.0	0
72	Estimating stability in the problem of reconstructing the additive type of a distribution. Journal of Soviet Mathematics, 1981, 16, 1385-1389.	0.0	1

#	Article	IF	Citations
73	Asymptotic ? -admissibility of the sample variance as an estimator of the population variance. Journal of Soviet Mathematics, 1981, 16, 1390-1395.	0.0	0
74	Unbiased parametric estimate of probability distribution. Mathematical Notes, 1979, 25, 383-387.	0.4	0
75	Characterization of loss functions in statistical theory of estimation. Journal of Soviet Mathematics, 1979, 12, 237-246.	0.0	0
76	Bayesian estimates, stable with respect to the choice of the loss function. Mathematical Notes, 1978, 23, 175-179.	0.4	1
77	Asymptotic behavior of polynomial Pitman estimators. Journal of Soviet Mathematics, 1978, 9, 862-870.	0.0	0
78	Unbiased estimates and convex loss functions. Journal of Soviet Mathematics, 1978, 9, 870-880.	0.0	2
79	Characterization of normal and gamma distributions by properties of Fisher information amount. Journal of Soviet Mathematics, 1978, 9, 881-886.	0.0	1
80	Characterization of distributions by a property of modified ?2-statistic. Mathematical Notes, 1978, 24, 811-814.	0.4	0
81	Characterization of normal and T distributions by Bayesian estimates' properties. Lithuanian Mathematical Journal, 1977, 16, 75-84.	0.4	0
82	Lk (2)-sufficient subspaces for families with shift and scale parameters. Mathematical Notes, 1976, 20, 714-720.	0.4	0
83	Reconstituting the distribution of the components of a random Vector from distributions of certain statistics. Mathematical Notes, 1973, 13, 531-532.	0.4	1
84	A characterization of the normal distribution by a property of order statistics. Mathematical Notes, 1973, 13, 71-73.	0.4	3
85	Inadmissibility of polynomial estimates of the shift parameter. Mathematical Notes, 1973, 14, 1068-1073.	0.4	2
86	Toward Integration of Biological Noise: Aggregation Effect in Microarray Data Analysis. , 0, , 183-190.		0
87	Approximated maximum likelihood estimation of parameters of discrete stable family. Kybernetika, 0, , 1065-1076.	0.0	0