Donghwan Lee

List of Publications by Citations

34 papers	**406** citations	**11** h-index	**19** g-index
38 ext. papers	**519** ext. citations	**3.4** avg, IF	**3.55** L-index

#	Paper	IF	Citations
34	Sparse partial least-squares regression and its applications to high-throughput data analysis. *Chemometrics and Intelligent Laboratory Systems*, **2011**, 109, 1-8	3.8	55
33	Effects of Internet and Smartphone Addictions on Depression and Anxiety Based on Propensity Score Matching Analysis. *International Journal of Environmental Research and Public Health*, **2018**, 15,	4.6	44
32	Estimation of breeding values for mean and dispersion, their variance and correlation using double hierarchical generalized linear models. *Genetical Research*, **2012**, 94, 307-17	1.1	40
31	Distinct patterns of Internet and smartphone-related problems among adolescents by gender: Latent class analysis. *Journal of Behavioral Addictions*, **2018**, 7, 454-465	6.3	39
30	Integration of somatic mutation, expression and functional data reveals potential driver genes predictive of breast cancer survival. *Bioinformatics*, **2015**, 31, 2607-13	7.2	36
29	Urinary Exosomal and cell-free DNA Detects Somatic Mutation and Copy Number Alteration in Urothelial Carcinoma of Bladder. *Scientific Reports*, **2018**, 8, 14707	4.9	34
28	Super-sparse principal component analyses for high-throughput genomic data. *BMC Bioinformatics*, **2010**, 11, 296	3.6	29
27	Rediscovery rate estimation for assessing the validation of significant findings in high-throughput studies. *Briefings in Bioinformatics*, **2015**, 16, 563-75	13.4	24
26	Associations of personality and clinical characteristics with excessive Internet and smartphone use in adolescents: A structural equation modeling approach. *Addictive Behaviors*, **2020**, 110, 106485	4.2	16
25	Sparse Canonical Covariance Analysis for High-throughput Data. *Statistical Applications in Genetics and Molecular Biology*, **2011**, 10,	1.2	14
24	Comprehensive landscape of subtype-specific coding and non-coding RNA transcripts in breast cancer. *Oncotarget*, **2016**, 7, 68851-68863	3.3	13
23	Healthcare resource use and costs of diabetic macular oedema for patients with antivascular endothelial growth factor versus a dexamethasone intravitreal implant in Korea: a population-based study. *BMJ Open*, **2019**, 9, e030930	3	8
22	Extended likelihood approach to multiple testing with directional error control under a hidden Markov random field model. *Journal of Multivariate Analysis*, **2016**, 151, 1-13	1.4	8
21	Sparse partial least-squares regression for high-throughput survival data analysis. *Statistics in Medicine*, **2013**, 32, 5340-52	2.3	8
20	Genomic alterations in signet ring and mucinous patterned colorectal carcinoma. *Pathology Research and Practice*, **2019**, 215, 152566	3.4	5
19	Improved multisite stochastic weather generation with applications to historical data in South Korea. *Asia-Pacific Journal of Atmospheric Sciences*, **2010**, 46, 497-504	2.1	5
18	Investigation of Correlated Internet and Smartphone Addiction in Adolescents: Copula Regression Analysis. *International Journal of Environmental Research and Public Health*, **2020**, 17,	4.6	5

#	Publication	IF	Cites
17	Optimal likelihood-ratio multiple testing with application to Alzheimer's disease and questionable dementia. *BMC Medical Research Methodology*, **2015**, 15, 9	4.7	4
16	Collective intelligence ratio. *Team Performance Management*, **2011**, 17, 41-62	1.5	4
15	Identification of Major Psychiatric Disorders From Resting-State Electroencephalography Using a Machine Learning Approach. *Frontiers in Psychiatry*, **2021**, 12, 707581	5	3
14	Are Recently Evaluated Drugs More Likely to Receive Positive Reimbursement Recommendations in South Korea? 11-year Experience of the South Korean Positive List System. *Clinical Therapeutics*, **2020**, 42, 1222-1233	3.5	2
13	One CNV Discordance in NRXN1 Observed Upon Genome-wide Screening in 38 Pairs of Adult Healthy Monozygotic Twins. *Twin Research and Human Genetics*, **2016**, 19, 97-103	2.2	2
12	Likelihood ratio and score burden tests for detecting disease-associated rare variants. *Statistical Applications in Genetics and Molecular Biology*, **2015**, 14, 481-95	1.2	1
11	Clustering with varying risks of false assignments in discrete latent variable model. *Statistical Methods in Medical Research*, **2020**, 29, 2932-2944	2.3	1
10	Incidence, cost and gender differences of oropharyngeal and noncervical anogenital cancers in South Korea. *BMC Public Health*, **2020**, 20, 1035	4.1	1
9	Statistical analysis of the reproducibility and predictive capacity of MCTT HCE eye irritation test, a me-too test method for OECD TG 492. *Regulatory Toxicology and Pharmacology*, **2019**, 107, 104430	3.4	1
8	Robust inference using hierarchical likelihood approach for heavy-tailed longitudinal outcomes with missing data: An alternative to inverse probability weighted generalized estimating equations. *Computational Statistics and Data Analysis*, **2013**, 59, 171-179	1.6	1
7	A review on recent advances and applications of h-likelihood method. *Journal of the Korean Statistical Society*, **2021**, 50, 681-702	0.5	1
6	Nonparametric estimation of the rediscovery rate. *Statistics in Medicine*, **2016**, 35, 3203-12	2.3	1
5	prediction of the full United Nations Globally Harmonized System eye irritation categories of liquid chemicals by IATA-like bottom-up approach of random forest method. *Journal of Toxicology and Environmental Health - Part A: Current Issues*, **2021**, 84, 960-972	3.2	1
4	Comparison of graph clustering methods for analyzing the mathematical subject classification codes. *Communications for Statistical Applications and Methods*, **2020**, 27, 569-578	0.4	0
3	Pharmacokinetic comparison between a fixed-dose combination of fimasartan/amlodipine/hydrochlorothiazide 60/10/25 mg and a corresponding loose combination of fimasartan/amlodipine 60/25 mg and hydrochlorothiazide 25 mg in healthy subjects. *Translational and Clinical Pharmacology*, **2021**, 29, 53-64	2	0
2	Application of Machine Learning Classification to Improve the Performance of Vancomycin Therapeutic Drug Monitoring. *Pharmaceutics*, **2022**, 14, 1023	6.4	0
1	Revisiting the analysis pipeline for overdispersed Poisson and binomial data. *Journal of Applied Statistics*,1-22	1	