Junhee Seok

List of Publications by Year
in descending order

51 papers	4,240 citations	933264 10 h-index	414303 32 g-index
52 all docs	52 docs citations	52 times ranked	7801 citing authors

#	Article	IF	Citations
1	Genomic responses in mouse models poorly mimic human inflammatory diseases. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 3507-3512.	3.3	2,518
2	A genomic storm in critically injured humans. Journal of Experimental Medicine, 2011, 208, 2581-2590.	4.2	1,040
3	Human transcriptome array for high-throughput clinical studies. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 3707-3712.	3.3	122
4	Mice are not men. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E345.	3.3	102
5	Bisphenol A Induces a Profile of Tumor Aggressiveness in High-Risk Cells from Breast Cancer Patients. Cancer Research, 2008, 68, 2076-2080.	0.4	101
6	Controllable Generative Adversarial Network. IEEE Access, 2019, 7, 28158-28169.	2.6	45
7	Indoor Semantic Segmentation for Robot Navigating on Mobile. , 2018, , .		28
8	Portfolio management via two-stage deep learning with a joint cost. Expert Systems With Applications, 2020, 143, 113041.	4.4	27
9	Validation of deep learning natural language processing algorithm for keyword extraction from pathology reports in electronic health records. Scientific Reports, 2020, 10, 20265.	1.6	23
10	A Survey of Missing Data Imputation Using Generative Adversarial Networks. , 2020, , .		23
11	Using high-density exon arrays to profile gene expression in closely related species. Nucleic Acids Research, 2009, 37, e90-e90.	6.5	17
12	Stock Prices Prediction using the Title of Newspaper Articles with Korean Natural Language Processing. , 2019, , .		17
13	Stock Price Prediction Through the Sentimental Analysis of News Articles. , 2019, , .		15
14	Distinctive Responsiveness to Stromal Signaling Accompanies Histologic Grade Programming of Cancer Cells. PLoS ONE, 2011, 6, e20016.	1.1	10
15	RASA: Robust Alternative Splicing Analysis for Human Transcriptome Arrays. Scientific Reports, 2015, 5, 11917.	1.6	10
16	Evidence-Based Translation for the Genomic Responses of Murine Models for the Study of Human Immunity. PLoS ONE, 2015, 10, e0118017.	1.1	10
17	Simulator acceleration and inverse design of fin field-effect transistors using machine learning. Scientific Reports, 2022, 12, 1140.	1.6	10
18	Prediction of information propagation in a drone network by using machine learning. , 2016, , .		9

#	Article	IF	Citations
19	Serum biomarkers from cell-based assays for AhRL and MIS strongly predicted the future development of diabetes in a large community-based prospective study in Korea. Scientific Reports, 2020, 10, 6339.	1.6	9
20	Estimation with Uncertainty via Conditional Generative Adversarial Networks. Sensors, 2021, 21, 6194.	2.1	9
21	Mutual Information between Discrete Variables with Many Categories using Recursive Adaptive Partitioning. Scientific Reports, 2015, 5, 10981.	1.6	8
22	Density estimation on multivariate censored data with optional Polya tree. Biostatistics, 2014, 15, 182-195.	0.9	7
23	Improved recurrent generative adversarial networks with regularization techniques and a controllable framework. Information Sciences, 2020, 538, 428-443.	4.0	7
24	Simulation acceleration for transmittance of electromagnetic waves in 2D slit arrays using deep learning. Scientific Reports, 2020, 10, 10535.	1.6	7
25	Knowledge-Based Reconstruction of mRNA Transcripts with Short Sequencing Reads for Transcriptome Research. PLoS ONE, 2012, 7, e31440.	1.1	7
26	Non-Invasive Diagnosis for Acute Rejection Using Urinary mRNA Signature Reflecting Allograft Status in Kidney Transplantation. Frontiers in Immunology, 2021, 12, 656632.	2.2	6
27	Clinical Implication of Concordant or Discordant Genomic Profiling between Primary and Matched Metastatic Tissues in Patients with Colorectal Cancer. Cancer Research and Treatment, 2020, 52, 764-778.	1.3	6
28	GAIT: Gene expression Analysis for Interval Time. Bioinformatics, 2018, 34, 2305-2307.	1.8	5
29	Phenotype and molecular signature of CD8+ÂT cell subsets in T cell- mediated rejections after kidney transplantation. PLoS ONE, 2020, 15, e0234323.	1.1	5
30	Keyword Extraction in Economics Literatures using Natural Language Processing. , 2021, , .		4
31	Network estimation for censored time-to-event data for multiple events based on multivariate survival analysis. PLoS ONE, 2020, 15, e0239760.	1.1	4
32	Urinary mRNA Signatures as Predictors of Renal Function Decline in Patients With Biopsy-Proven Diabetic Kidney Disease. Frontiers in Endocrinology, 2021, 12, 774436.	1.5	4
33	Privacy-preserving collaborative machine learning in biomedical applications. , 2022, , .		4
34	Coding SNPs as intrinsic markers for sample tracking in large-scale transcriptome studies. BioTechniques, 2012, 52, 386-8.	0.8	3
35	A Hybrid Approach of Gene Sets and Single Genes for the Prediction of Survival Risks with Gene Expression Data. PLoS ONE, 2015, 10, e0122103.	1.1	3
36	A Comparison of Two-Stage Approaches Based on Penalized Regression for Estimating Gene Networks. Journal of Computational Biology, 2017, 24, 709-720.	0.8	2

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37	Coordinate-RNN for error correction on numerical weather prediction. , 2018, , .		2
38	The estimation of probability distribution for factor variables with many categorical values. PLoS ONE, 2018, 13, e0202547.	1.1	2
39	The Properties of mode prediction using mean root error for regularization. , 2019, , .		2
40	Long Term Traffic Prediction in Highway Using Parallel CNN. , 2020, , .		2
41	Information propagation modeling in a drone network using disease epidemic models. , 2016, , .		1
42	Prediction of survival risks with adjusted gene expression through risk-gene networks. Bioinformatics, 2019, 35, 4898-4906.	1.8	1
43	Vocabulary Domain Prediction for Pathological Report Analysis Using ICD-O3. , 2019, , .		1
44	Regression-Based Network Estimation for High-Dimensional Genetic Data. Journal of Computational Biology, 2019, 26, 336-349.	0.8	1
45	Estimation of directed subnetworks in ultra-high dimensional data for gene network problems. Statistics and Its Interface, 2017, 10, 657-676.	0.2	1
46	Rank Prediction for Portfolio Management Using Artificial Neural Networks. , 2018, , .		0
47	Experimental Evaluation of Source Location Privacy Routing Schemes and Energy Consumption Performance. , 2019, , .		0
48	Title is missing!. , 2020, 15, e0234323.		0
49	Title is missing!. , 2020, 15, e0234323.		0
50	Title is missing!. , 2020, 15, e0234323.		0
51	Title is missing!. , 2020, 15, e0234323.		0