Sung Won Han

List of Publications by Year
in descending order

70 papers	973 citations	430754 18 h-index	526166 27 g-index
74 all docs	74 docs citations	74 times ranked	1582 citing authors

#	Article	IF	Citations
1	Serumâ€based miRNAs in the prediction and detection of recurrence in melanoma patients. Cancer, 2015, 121, 51-59.	2.0	92
2	A comparison of CUSUM, EWMA, and temporal scan statistics for detection of increases in poisson rates. Quality and Reliability Engineering International, 2010, 26, 279-289.	1.4	53
3	Obstetric risk factors for depression during the postpartum period in South Korea: a nationwide study. Journal of Psychosomatic Research, 2017, 102, 15-20.	1.2	52
4	Spatiotemporal surveillance methods in the presence of spatial correlation. Statistics in Medicine, 2011, 30, 569-583.	0.8	51
5	Hedgehog Pathway Blockade Inhibits Melanoma Cell Growth in Vitro and in Vivo. Pharmaceuticals, 2013, 6, 1429-1450.	1.7	40
6	Estimation of Directed Acyclic Graphs Through Two-Stage Adaptive Lasso for Gene Network Inference. Journal of the American Statistical Association, 2016, 111, 1004-1019.	1.8	36
7	BTNET : boosted tree based gene regulatory network inference algorithm using time-course measurement data. BMC Systems Biology, 2018, 12, 20.	3.0	33
8	Serum Biomarkers of Inflammation, Fibrosis, and Cardiac Function in Facilitating Diagnosis, Prognosis, and Treatment of Anti-SSA/Roâ€"Associated Cardiac Neonatal Lupus. Journal of the American College of Cardiology, 2015, 66, 930-939.	1.2	32
9	A multivariate distanceâ€based analytic framework for microbial interdependence association test in longitudinal study. Genetic Epidemiology, 2017, 41, 769-778.	0.6	31
10	Machine Learning Models for Predicting Hearing Prognosis in Unilateral Idiopathic Sudden Sensorineural Hearing Loss. Clinical and Experimental Otorhinolaryngology, 2020, 13, 148-156.	1.1	31
11	Biostimulatory effects of polydioxanone, polyâ€‹<scp>d, l</scp> lactic acid, and polycaprolactone fillers in mouse model. Journal of Cosmetic Dermatology, 2019, 18, 1002-1008.	0.8	30
12	A review and comparison of likelihood-based charting methods. IIE Transactions, 2012, 44, 724-743.	2.1	26
13	Differential relationship between waist circumference and mortality according to age, sex, and body mass index in Koreans with age of 30â€"90 years; a nationwide health insurance database study. BMC Medicine, 2018, 16, 131.	2.3	26
14	Corporate foresight and innovation: the effects of integrative capabilities and organisational learning. Technology Analysis and Strategic Management, 2018, 30, 633-645.	2.0	23
15	Association Between Waist Circumference and Dementia in Older Persons: A Nationwide Populationâ€Based Study. Obesity, 2019, 27, 1883-1891.	1.5	22
16	Paradoxical long-term impact of maternal influenza infection on neonates and infants. BMC Infectious Diseases, 2020, 20, 502.	1.3	22
17	Greenhouse gas emission offsetting by refrigerant recovery from WEEE: A case study on a WEEE recycling plant in Korea. Resources, Conservation and Recycling, 2019, 142, 167-176.	5.3	21
18	Endometriosis Is Associated with Adverse Pregnancy Outcomes: a National Population-Based Study. Reproductive Sciences, 2020, 27, 1175-1180.	1.1	20

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19	Risk of Adverse Obstetric Outcomes and the Abnormal Growth of Offspring in Women with a History of Thyroid Cancer. Thyroid, 2019, 29, 879-885.	2.4	19
20	<scp>MDM</scp>2 antagonist clinical response association with a gene expression signature in acute myeloid leukaemia. British Journal of Haematology, 2015, 171, 432-435.	1.2	18
21	Analysis on public perception, user-satisfaction, and publicity for WEEE collecting system in South Korea: A case study for Door-to-Door Service. Resources, Conservation and Recycling, 2019, 144, 90-99.	5.3	18
22	Arrhythmia detection model using modified DenseNet for comprehensible Grad-CAM visualization. Biomedical Signal Processing and Control, 2022, 73, 103408.	3.5	17
23	MANNER: Multi-View Attention Network For Noise Erasure. , 2022, , .		16
24	Melanoma brain metastases: correlation of imaging features with genomic markers and patient survival. Journal of Neuro-Oncology, 2017, 131, 341-348.	1.4	14
25	Low Alanine Aminotransferase Cut-Off for Predicting Liver Outcomes; A Nationwide Population-Based Longitudinal Cohort Study. Journal of Clinical Medicine, 2019, 8, 1445.	1.0	13
26	Peripheral blood transcriptome analysis and development of classification model for diagnosing antibody-mediated rejection vs accommodation in ABO-incompatible kidney transplant. American Journal of Transplantation, 2020, 20, 112-124.	2.6	13
27	Polydeoxyribonucleotides Improve Diabetic Wound Healing in Mouse Animal Model for Experimental Validation. Annals of Dermatology, 2019, 31, 403.	0.3	13
28	Predicting peripartum blood transfusion: focusing on pre-pregnancy characteristics. BMC Pregnancy and Childbirth, 2019, 19, 477.	0.9	12
29	Comparative Study on Exponentially Weighted Moving Average Approaches for the Self-Starting Forecasting. Applied Sciences (Switzerland), 2020, 10, 7351.	1.3	12
30	Automobile parts reliability prediction based on claim data: The comparison of predictive effects with deep learning. Engineering Failure Analysis, 2021, 129, 105657.	1.8	10
31	Long-term effect of pregnancy-related factors on the development of endometrial neoplasia: A nationwide retrospective cohort study. PLoS ONE, 2019, 14, e0214600.	1.1	9
32	Pre-Pregnancy Risk Factors for Severe Hyperemesis Gravidarum: Korean Population Based Cohort Study. Life, 2021, 11, 12.	1.1	9
33	Computer-assisted measurement of primary tumor area is prognostic of recurrence-free survival in stage IB melanoma patients. Modern Pathology, 2017, 30, 1402-1410.	2.9	8
34	Gene Regulatory Network Analysis for Triple-Negative Breast Neoplasms by Using Gene Expression Data. Journal of Breast Cancer, 2017, 20, 240.	0.8	8
35	Comparative Evaluation of the Biodegradability and Wrinkle Reduction Efficacy of Human-Derived Collagen Filler and Hyaluronic Acid Filler. Aesthetic Plastic Surgery, 2019, 43, 1095-1101.	0.5	8
36	Development of the WEEE grouping system in South Korea using the hierarchical and non-hierarchical clustering algorithms. Resources, Conservation and Recycling, 2020, 161, 104884.	5.3	8

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37	Association between dental caries and adverse pregnancy outcomes. Scientific Reports, 2020, 10, 5309.	1.6	8
38	Twelve‑month post‑treatment parameters are superior in predicting hepatocellular carcinoma in patients with chronic hepatitis B. Liver International, 2021, 41, 1652-1661.	1.9	8
39	Prediction complexity-based HEVC parallel processing for asymmetric multicores. Multimedia Tools and Applications, 2017, 76, 25271-25284.	2.6	7
40	Recurrent Risk of Preterm Birth in the Third Pregnancy in Korea. Journal of Korean Medical Science, 2018, 33, e170.	1.1	7
41	Estimation of Sparse Directed Acyclic Graphs for Multivariate Counts Data. Biometrics, 2016, 72, 791-803.	0.8	6
42	Integrative Proteo-genomic Analysis to Construct CNA-protein Regulatory Map in Breast and Ovarian Tumors. Molecular and Cellular Proteomics, 2019, 18, S66-S81.	2.5	6
43	Gene expression network analysis of lymph node involvement in colon cancer identifies AHSA2, CDK10, and CWC22 as possible prognostic markers. Scientific Reports, 2020, 10, 7170.	1.6	6
44	Vision-Based Deep Q-Learning Network Models to Predict Particulate Matter Concentration Levels Using Temporal Digital Image Data. Journal of Sensors, 2019, 2019, 1-10.	0.6	4
45	Clinical Predictors Implicated in the Incidence of Acute Pyelonephritis during the Antepartum Period: A Population-Based Cohort Study. Kidney and Blood Pressure Research, 2020, 45, 297-306.	0.9	4
46	In utero exposure to ritodrine during pregnancy and risk of autism in their offspring until 8 years of age. Scientific Reports, 2021, 11, 1146.	1.6	4
47	Prior pregnancy complications and maternal cardiovascular disease in young Korean women within 10 years after pregnancy. BMC Pregnancy and Childbirth, 2022, 22, 229.	0.9	4
48	Time-Aware and Feature Similarity Self-Attention in Vessel Fuel Consumption Prediction. Applied Sciences (Switzerland), 2021, 11, 11514.	1.3	4
49	Priority-based selective H.264 SVC streaming over erroneous converged networks. Multimedia Tools and Applications, 2014, 68, 337-353.	2.6	3
50	A Comparison of MCUSUM‑based and MEWMA‑based Spatiotemporal Surveillance Under Non‑homogeneous Populations. Quality and Reliability Engineering International, 2015, 31, 1449-1472.	1.4	3
51	Node-Structured Integrative Gaussian Graphical Model Guided by Pathway Information. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-10.	0.7	3
52	Pregnancy and neonatal outcomes of women with disabilities: a nationwide population-based study in South Korea. Scientific Reports, 2020, 10, 9200.	1.6	3
53	Prediction of Voluntary Motion Using Decomposition-and-Ensemble Framework With Deep Neural Networks. IEEE Access, 2020, 8, 201555-201565.	2.6	3
54	Risk factors associated with idiopathic sudden sensorineural hearing loss in pregnant South Korean women: a nationwide population-based study. Journal of Maternal-Fetal and Neonatal Medicine, 2022, 35, 7389-7394.	0.7	3

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55	Evaluation of maternal rhesus blood type as a risk factor in adverse pregnancy outcomes in Korea: a nationwide health insurance database study. Obstetrics and Gynecology Science, 2020, 63, 448-454.	0.6	3
56	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
57	<p>Peripartum Blood Transfusions are Associated with Increased Risk of Cancer: A National Retrospective Cohort Study</p>. Clinical Epidemiology, 2020, Volume 12, 659-666.	1.5	2
58	Similarity-Based Unsupervised Spelling Correction Using BioWordVec: Development and Usability Study of Bacterial Culture and Antimicrobial Susceptibility Reports. JMIR Medical Informatics, 2021, 9, e25530.	1.3	2
59	Women with multiple gestations have an increased risk of development of hypertension in the future. BMC Pregnancy and Childbirth, 2021, 21, 510.	0.9	2
60	Doubly‐robust methods for differences in restricted mean lifetimes using pseudo‐observations. Pharmaceutical Statistics, 2022, 21, 1185-1198.	0.7	2
61	Estimation of joint directed acyclic graphs with lasso family for gene networks. Communications in Statistics Part B: Simulation and Computation, 2021, 50, 2793-2807.	0.6	1
62	Prediction of survival risks with adjusted gene expression through risk-gene networks. Bioinformatics, 2019, 35, 4898-4906.	1.8	1
63	Regression-Based Network Estimation for High-Dimensional Genetic Data. Journal of Computational Biology, 2019, 26, 336-349.	0.8	1
64	Estimation of directed subnetworks in ultra-high dimensional data for gene network problems. Statistics and Its Interface, 2017, 10, 657-676.	0.2	1
65	Adjusted-crude-incidence analysis of multiple treatments and unbalanced samples on competing risks. Statistics and Its Interface, 2019, 12, 423-437.	0.2	1
66	COMMA: Propagating Complementary Multi-Level Aggregation Network for Polyp Segmentation. Applied Sciences (Switzerland), 2022, 12, 2114.	1.3	1
67	Adverse Pregnancy Outcomes and Maternal Chronic Diseases in the Future: A Cross-Sectional Study Using KoGES-HEXA Data. Journal of Clinical Medicine, 2022, 11, 1457.	1.0	1
68	EM-LAST: Effective Multidimensional Latent Space Transport for an Unpaired Image-to-Image Translation With an Energy-Based Model. IEEE Access, 2022, 10, 72839-72849.	2.6	1
69	A Comparison of Penalized Regressions for Estimating Directed Acyclic Networks. , 2018, , .		0
70	Adjusted-crude-incidence analysis of multiple treatments and unbalanced samples on competing risks. Statistics and Its Interface, 2019, 12, 423-437.	0.2	0