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	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
2	Arrhythmia detection model using modified DenseNet for comprehensible Grad-CAM visualization. Biomedical Signal Processing and Control, 2022, 73, 103408.	3.5	17
3	COMMA: Propagating Complementary Multi-Level Aggregation Network for Polyp Segmentation. Applied Sciences (Switzerland), 2022, 12, 2114.	1.3	1
4	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
5	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
6	MANNER: Multi-View Attention Network For Noise Erasure. , 2022, , .		16
7	Doubly-robust methods for differences in restricted mean lifetimes using pseudo-observations. Pharmaceutical Statistics, 2022, 21, 1185-1198.	0.7	2
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	Pre-Pregnancy Risk Factors for Severe Hyperemesis Gravidarum: Korean Population Based Cohort Study. Life, 2021, 11, 12.	1.1	9
16	Time-Aware and Feature Similarity Self-Attention in Vessel Fuel Consumption Prediction. Applied Sciences (Switzerland), 2021, 11, 11514.	1.3	4
17	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
18	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

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19	Pregnancy and neonatal outcomes of women with disabilities: a nationwide population-based study in South Korea. Scientific Reports, 2020, 10, 9200.	1.6	3
20	Paradoxical long-term impact of maternal influenza infection on neonates and infants. BMC Infectious Diseases, 2020, 20, 502.	1.3	22
21	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
22	Prediction of Voluntary Motion Using Decomposition-and-Ensemble Framework With Deep Neural Networks. IEEE Access, 2020, 8, 201555-201565.	2.6	3
23	Comparative Study on Exponentially Weighted Moving Average Approaches for the Self-Starting Forecasting. Applied Sciences (Switzerland), 2020, 10, 7351.	1.3	12
24	Association between dental caries and adverse pregnancy outcomes. Scientific Reports, 2020, 10, 5309.	1.6	8
25	<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
26	Endometriosis Is Associated with Adverse Pregnancy Outcomes: a National Population-Based Study. Reproductive Sciences, 2020, 27, 1175-1180.	1.1	20
27	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
28	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
29	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
30	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
31	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
32	Association Between Waist Circumference and Dementia in Older Persons: A Nationwide Population‐Based Study. Obesity, 2019, 27, 1883-1891.	1.5	22
33	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
34	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
35	Prediction of survival risks with adjusted gene expression through risk-gene networks. Bioinformatics, 2019, 35, 4898-4906.	1.8	1
36	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

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37	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
38	Biostimulatory effects of polydioxanone, poly‑scp>d, l</scp> lactic acid, and polycaprolactone fillers in mouse model. Journal of Cosmetic Dermatology, 2019, 18, 1002-1008.	0.8	30
39	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
40	Predicting peripartum blood transfusion: focusing on pre-pregnancy characteristics. BMC Pregnancy and Childbirth, 2019, 19, 477.	0.9	12
41	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
42	Regression-Based Network Estimation for High-Dimensional Genetic Data. Journal of Computational Biology, 2019, 26, 336-349.	0.8	1
43	Adjusted-crude-incidence analysis of multiple treatments and unbalanced samples on competing risks. Statistics and Its Interface, 2019, 12, 423-437.	0.2	1
44	Polydeoxyribonucleotides Improve Diabetic Wound Healing in Mouse Animal Model for Experimental Validation. Annals of Dermatology, 2019, 31, 403.	0.3	13
45	Adjusted-crude-incidence analysis of multiple treatments and unbalanced samples on competing risks. Statistics and Its Interface, 2019, 12, 423-437.	0.2	0
46	Corporate foresight and innovation: the effects of integrative capabilities and organisational learning. Technology Analysis and Strategic Management, 2018, 30, 633-645.	2.0	23
47	Recurrent Risk of Preterm Birth in the Third Pregnancy in Korea. Journal of Korean Medical Science, 2018, 33, e170.	1.1	7
48	A Comparison of Penalized Regressions for Estimating Directed Acyclic Networks. , 2018, , .		0
49	BTNET : boosted tree based gene regulatory network inference algorithm using time-course measurement data. BMC Systems Biology, 2018, 12, 20.	3.0	33
50	Differential relationship between waist circumference and mortality according to age, sex, and body mass index in Koreans with age of 30–90 years; a nationwide health insurance database study. BMC Medicine, 2018, 16, 131.	2.3	26
51	Prediction complexity-based HEVC parallel processing for asymmetric multicores. Multimedia Tools and Applications, 2017, 76, 25271-25284.	2.6	7
52	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
53	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
54	A multivariate distance‑based analytic framework for microbial interdependence association test in longitudinal study. Genetic Epidemiology, 2017, 41, 769-778.	0.6	31

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55	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
56	Melanoma brain metastases: correlation of imaging features with genomic markers and patient survival. Journal of Neuro-Oncology, 2017, 131, 341-348.	1.4	14
57	Node-Structured Integrative Gaussian Graphical Model Guided by Pathway Information. Computational and Mathematical Methods in Medicine, 2017, 2017, 1-10.	0.7	3
58	Gene Regulatory Network Analysis for Triple-Negative Breast Neoplasms by Using Gene Expression Data. Journal of Breast Cancer, 2017, 20, 240.	0.8	8
59	Estimation of directed subnetworks in ultra-high dimensional data for gene network problems. Statistics and Its Interface, 2017, 10, 657-676.	0.2	1
60	Estimation of Sparse Directed Acyclic Graphs for Multivariate Counts Data. Biometrics, 2016, 72, 791-803.	0.8	6
61	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
62	<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
63	Serumâ€based miRNAs in the prediction and detection of recurrence in melanoma patients. Cancer, 2015, 121, 51-59.	2.0	92
64	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
65	A Comparison of MCUSUMâ€based and MEWMAâ€based Spatiotemporal Surveillance Under Nonâ€homogeneous Populations. Quality and Reliability Engineering International, 2015, 31, 1449-1472.	1.4	3
66	Priority-based selective H.264 SVC streaming over erroneous converged networks. Multimedia Tools and Applications, 2014, 68, 337-353.	2.6	3
67	Hedgehog Pathway Blockade Inhibits Melanoma Cell Growth in Vitro and in Vivo. Pharmaceuticals, 2013, 6, 1429-1450.	1.7	40
68	A review and comparison of likelihood-based charting methods. IIE Transactions, 2012, 44, 724-743.	2.1	26
69	Spatiotemporal surveillance methods in the presence of spatial correlation. Statistics in Medicine, 2011, 30, 569-583.	0.8	51
70	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