

# Publications

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- Kim J., Kim E., Kim D., Kim Y., Cheong T. (2025). Extracting Supply Chain Information From News Articles Using Large Language Models: A Fully Automatic Approach. *IEEE Access*. 13: 156203-14
  - Hwang H., Kim Y., Seok J. (2025). Generative Adversarial Soft Actor-Critic. *IEEE Transactions on Neural Networks and Learning Systems*. 36(7): 11917-27
  - Seo J., Seok J., Kim Y. (2024). Prioritizing Disease Diagnosis in Neonatal Cohorts through Multivariate Survival Analysis: A Nonparametric Bayesian Approach. *Healthcare*. 12(9): 939.
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  - Kim Y., Hyun C., Lee M. (2023). Discovering potential pathways between type 2 diabetes mellitus and diabetic retinopathy: A big data analysis of the South Korean National Sample Cohort. *Medicine*. 102(31): e34576.
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  - Yoo H., Yum Y., Kim Y., Kim J., Park H., Joo H.J. (2023). Restoration of missing or low-quality 12-lead ECG signals using ensemble deep-learning model with optimal combination. *Biomedical Signal Processing and Control*. 83, 104690.
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  - Kim Y., Kim J., Kim Y.M., Song S., Joo H.J. (2023). Predicting medical specialty from text based on a domain-specific pre-trained BERT. *International Journal of Medical Informatics*. 170.
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- Yum Y., Lee J., Jang M., **Kim Y.**, Kim J., Kim S., Shin U., Song S., Joo H. (2021). A word pair dataset for semantic similarity and relatedness in Korean medical vocabulary: Reference development and validation. *JMIR medical informatics*. 9(6): e29667.
- **Kim Y.**, Lee J., Choi S., Lee J., Kim J., Seok J., & Joo H. (2020). Validation of deep learning natural language processing algorithm for keyword extraction from pathology reports in electronic health records. *Scientific Reports*. 10, 20265.
- **Kim Y.**, & Seok J. (2020). Network estimation for censored time-to-event data for multiple events based on multivariate survival analysis. *PLoS One*. 15(10): e0239760.
- **Kim Y.**, Kang Y., Seok J. (2018). GAIT: Gene expression Analysis for Interval Time. *Bioinformatics*. Vol 34, 13, pp.2305-2307.