

Sungyoung Lee

List of Publications by Year in descending order

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32
papers

574
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567281

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36
times ranked

596
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Significance of Syntactic Type Identification in Embedding Vector based Schema Matching. , 2022, , . | | 0 |
| 2 | Clinical Decision Support System Based on Hybrid Knowledge Modeling: A Case Study of Chronic Kidney Disease-Mineral and Bone Disorder Treatment. International Journal of Environmental Research and Public Health, 2022, 19, 226. | 2.6 | 4 |
| 3 | Convolutional Network With Twofold Feature Augmentation for Diabetic Retinopathy Recognition From Multi-Modal Images. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2686-2697. | 6.3 | 21 |
| 4 | “Fast deep learning computer-aided diagnosis of COVID-19 based on digital chest x-ray images” Applied Intelligence, 2021, 51, 2890-2907. | 5.3 | 66 |
| 5 | Secure Health Fog: A Novel Framework for Personalized Recommendations Based on Adaptive Model Tuning. IEEE Access, 2021, 9, 108373-108391. | 4.2 | 6 |
| 6 | COVID-19 Knowledge Resource Categorization and Tracking: Conceptual Framework Study. Journal of Medical Internet Research, 2021, 23, e29730. | 4.3 | 0 |
| 7 | ArCAR: A Novel Deep Learning Computer-Aided Recognition for Character-Level Arabic Text Representation and Recognition. Algorithms, 2021, 14, 216. | 2.1 | 19 |
| 8 | Unsupervised Semantic Mapping for Healthcare Data Storage Schema. IEEE Access, 2021, 9, 107267-107278. | 4.2 | 3 |
| 9 | A Novel Deep Learning ArCAR System for Arabic Text Recognition with Character-Level Representation. , 2021, 2, . | | 2 |
| 10 | Towards User-Centric Intervention Adaptiveness: Influencing Behavior-Context Based Healthy Lifestyle Interventions. IEEE Access, 2020, 8, 177156-177179. | 4.2 | 2 |
| 11 | Automatic Identification of High Impact Relevant Articles to Support Clinical Decision Making Using Attention-Based Deep Learning. Electronics (Switzerland), 2020, 9, 1364. | 3.1 | 3 |
| 12 | Ubiquitous Health Profile (UHP): a big data curation platform for supporting health data interoperability. Computing (Vienna/New York), 2020, 102, 2409-2444. | 4.8 | 26 |
| 13 | Ensemble Feature Ranking for Cost-Based Non-Overlapping Groups: A Case Study of Chronic Kidney Disease Diagnosis in Developing Countries. IEEE Access, 2020, 8, 215623-215648. | 4.2 | 9 |
| 14 | Acquiring guideline-enabled data driven clinical knowledge model using formally verified refined knowledge acquisition method. Computer Methods and Programs in Biomedicine, 2020, 197, 105701. | 4.7 | 3 |
| 15 | Cross-Attentional Bracket-shaped Convolutional Network for semantic image segmentation. Information Sciences, 2020, 539, 277-294. | 6.9 | 18 |
| 16 | The Intelligent Medical Platform: A Novel Dialogue-Based Platform for Health-Care Services. Computer, 2020, 53, 35-45. | 1.1 | 12 |
| 17 | Precision Medicine Informatics: Principles, Prospects, and Challenges. IEEE Access, 2020, 8, 13593-13612. | 4.2 | 26 |
| 18 | Medical Instructed Real-Time Assistant for Patient with Glaucoma and Diabetic Conditions. Applied Sciences (Switzerland), 2020, 10, 2216. | 2.5 | 26 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Artificial intelligence for the diagnosis of heart failure. Npj Digital Medicine, 2020, 3, 54. | 10.9 | 60 |
| 20 | Bimodal learning via trilogy of skip-connection deep networks for diabetic retinopathy risk progression identification. International Journal of Medical Informatics, 2019, 132, 103926. | 3.3 | 40 |
| 21 | Retinal Vessel Segmentation using Round-wise Features Aggregation on Bracket-shaped Convolutional Neural Networks. , 2019, 2019, 36-39. | | 19 |
| 22 | Context-aware grading of quality evidences for evidence-based decision-making. Health Informatics Journal, 2019, 25, 429-445. | 2.1 | 16 |
| 23 | Impact of Automatic Query Generation and Quality Recognition Using Deep Learning to Curate Evidence From Biomedical Literature: Empirical Study. JMIR Medical Informatics, 2019, 7, e13430. | 2.6 | 8 |
| 24 | Data-driven knowledge acquisition, validation, and transformation into HL7 Arden Syntax. Artificial Intelligence in Medicine, 2018, 92, 51-70. | 6.5 | 17 |
| 25 | Personalization of wellness recommendations using contextual interpretation. Expert Systems With Applications, 2018, 96, 506-521. | 7.6 | 28 |
| 26 | Multi-model-based interactive authoring environment for creating shareable medical knowledge. Computer Methods and Programs in Biomedicine, 2017, 150, 41-72. | 4.7 | 15 |
| 27 | Reconciliation of SNOMED CT and domain clinical model for interoperable medical knowledge creation. , 2017, 2017, 2654-2657. | | 5 |
| 28 | On Curating Multimodal Sensory Data for Health and Wellness Platforms. Sensors, 2016, 16, 980. | 3.8 | 32 |
| 29 | SPHeRe. Journal of Supercomputing, 2014, 68, 274-301. | 3.6 | 11 |
| 30 | An Adaptive Semantic based Mediation System for Data Interoperability among Health Information Systems. Journal of Medical Systems, 2014, 38, 28. | 3.6 | 42 |
| 31 | MLM-Based Automated Query Generation for CDSS Evidence Support. Lecture Notes in Computer Science, 2014, , 296-299. | 1.3 | 3 |
| 32 | Process interoperability in healthcare systems with dynamic semantic web services. Computing (Vienna/New York), 2013, 95, 837-862. | 4.8 | 20 |