

Taehoon Ko

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

478
citations

840776

11
h-index

713466

21
g-index

28
all docs

28
docs citations

28
times ranked

631
citing authors

#	ARTICLE	IF	CITATIONS
1	Asbestosis diagnosis algorithm combining the lung segmentation method and deep learning model in computed tomography image. <i>International Journal of Medical Informatics</i> , 2022, 158, 104667.	3.3	10
2	Estimation of low-density lipoprotein cholesterol levels using machine learning. <i>International Journal of Cardiology</i> , 2022, 352, 144-149.	1.7	7
3	Deep Learning Model Based on 3D Optical Coherence Tomography Images for the Automated Detection of Pathologic Myopia. <i>Diagnostics</i> , 2022, 12, 742.	2.6	16
4	Explaining the Rationale of Deep Learning Glaucoma Decisions with Adversarial Examples. <i>Ophthalmology</i> , 2021, 128, 78-88.	5.2	23
5	Privacy-Oriented Technique for COVID-19 Contact Tracing (PROTECT) Using Homomorphic Encryption: Design and Development Study. <i>Journal of Medical Internet Research</i> , 2021, 23, e26371.	4.3	16
6	Markers of Myocardial Damage Predict Mortality in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2021, 78, 545-558.	2.8	41
7	Development and Pilot-Test of Blockchain-Based MyHealthData Platform. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8209.	2.5	5
8	Keyword Extraction Algorithm for Classifying Smoking Status from Unstructured Bilingual Electronic Health Records Based on Natural Language Processing. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8812.	2.5	3
9	Satisfaction and Usability of an Information and Communications Technology-Based System by Clinically Healthy Patients With COVID-19 and Medical Professionals: Cross-sectional Survey and Focus Group Interview Study. <i>JMIR Formative Research</i> , 2021, 5, e26227.	1.4	8
10	Establishment of the Optimal Common Data Model Environment for EMR Data Considering the Computing Resources of Medical Institutions. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 12056.	2.5	1
11	Transfusion after total knee arthroplasty can be predicted using the machine learning algorithm. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2020, 28, 1757-1764.	4.2	51
12	MARIE: A Context-Aware Term Mapping with String Matching and Embedding Vectors. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 7831.	2.5	4
13	A Novel Framework for Identifying Customers' Unmet Needs on Online Social Media Using Context Tree. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 8473.	2.5	2
14	The Experimental Process Design of Artificial Lightweight Aggregates Using an Orthogonal Array Table and Analysis by Machine Learning. <i>Materials</i> , 2020, 13, 5570.	2.9	9
15	Unsupervised Cluster Analysis of Patients With Aortic Stenosis Reveals Distinct Population With Different Phenotypes and Outcomes. <i>Circulation: Cardiovascular Imaging</i> , 2020, 13, e009707.	2.6	28
16	Association of Cardiovascular Mortality and Deep Learning-Funduscopy Atherosclerosis Score derived from Retinal Fundus Images. <i>American Journal of Ophthalmology</i> , 2020, 217, 121-130.	3.3	52
17	Information Technology-Based Management of Clinically Healthy COVID-19 Patients: Lessons From a Living and Treatment Support Center Operated by Seoul National University Hospital. <i>Journal of Medical Internet Research</i> , 2020, 22, e19938.	4.3	37
18	Mining affective experience for a kansei design study on a recliner. <i>Applied Ergonomics</i> , 2019, 74, 145-153.	3.1	47

#	ARTICLE	IF	CITATIONS
19	Result and Effectiveness of Malicious E-mail Response Training in a Hospital. <i>Studies in Health Technology and Informatics</i> , 2019, 264, 1957.	0.3	2
20	Machine Learning-Based Prediction of Korean Triage and Acuity Scale Level in Emergency Department Patients. <i>Healthcare Informatics Research</i> , 2019, 25, 305.	1.9	36
21	Machine learning-based anomaly detection via integration of manufacturing, inspection and after-sales service data. <i>Industrial Management and Data Systems</i> , 2017, 117, 927-945.	3.7	37
22	An efficient and effective ensemble of support vector machines for anti-diabetic drug failure prediction. <i>Expert Systems With Applications</i> , 2015, 42, 4265-4273.	7.6	41