

Jing-Song Li

List of Publications by Year in descending order

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Version: 2024-02-01

74
papers

1,475
citations

331538

21
h-index

377752

34
g-index

78
all docs

78
docs citations

78
times ranked

1789
citing authors

#	ARTICLE	IF	CITATIONS
1	Encapsulation of rose hip seed oil into fibrous zein films for ambient and on demand food preservation via coaxial electrospinning. <i>Journal of Food Engineering</i> , 2016, 191, 115-123.	2.7	108
2	Design and Development of a Medical Big Data Processing System Based on Hadoop. <i>Journal of Medical Systems</i> , 2015, 39, 23.	2.2	67
3	A COVID-19 Risk Assessment Decision Support System for General Practitioners: Design and Development Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e19786.	2.1	62
4	Hollow polycaprolactone composite fibers for controlled magnetic responsive antifungal drug release. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 145, 757-767.	2.5	60
5	Essential Oil Bioactive Fibrous Membranes Prepared via Coaxial Electrospinning. <i>Journal of Food Science</i> , 2017, 82, 1412-1422.	1.5	54
6	Optimising the shell thickness-to-radius ratio for the fabrication of oil-encapsulated polymeric microspheres. <i>Chemical Engineering Journal</i> , 2016, 284, 963-971.	6.6	53
7	Creating personalised clinical pathways by semantic interoperability with electronic health records. <i>Artificial Intelligence in Medicine</i> , 2013, 58, 81-89.	3.8	48
8	Ganoderma lucidum polysaccharide loaded sodium alginate micro-particles prepared via electrospaying in controlled deposition environments. <i>International Journal of Pharmaceutics</i> , 2017, 524, 148-158.	2.6	47
9	An Automatic User-adapted Physical Activity Classification Method Using Smartphones. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 64, 1-1.	2.5	45
10	Integrating HL7 RIM and ontology for unified knowledge and data representation in clinical decision support systems. <i>Computer Methods and Programs in Biomedicine</i> , 2016, 123, 94-108.	2.6	44
11	A multicenter random forest model for effective prognosis prediction in collaborative clinical research network. <i>Artificial Intelligence in Medicine</i> , 2020, 103, 101814.	3.8	44
12	Fabrication of patterned polymer-antibiotic composite fibers via electrohydrodynamic (EHD) printing. <i>Journal of Drug Delivery Science and Technology</i> , 2016, 35, 114-123.	1.4	43
13	An ontology-based approach to patient follow-up assessment for continuous and personalized chronic disease management. <i>Journal of Biomedical Informatics</i> , 2017, 72, 45-59.	2.5	42
14	Magnetic-responsive microparticles with customized porosity for drug delivery. <i>RSC Advances</i> , 2016, 6, 88157-88167.	1.7	36
15	Cloud-Based Hospital Information System as a Service for Grassroots Healthcare Institutions. <i>Journal of Medical Systems</i> , 2014, 38, 104.	2.2	35
16	A Shared Decision-Making System for Diabetes Medication Choice Utilizing Electronic Health Record Data. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2017, 21, 1280-1287.	3.9	33
17	Ontology-Based Clinical Pathways with Semantic Rules. <i>Journal of Medical Systems</i> , 2012, 36, 2203-2212.	2.2	31
18	A modified TNM staging system for non-metastatic colorectal cancer based on nomogram analysis of SEER database. <i>BMC Cancer</i> , 2018, 18, 50.	1.1	29

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19	An Electronic Medical Record System with Treatment Recommendations Based on Patient Similarity. <i>Journal of Medical Systems</i> , 2015, 39, 55.	2.2	28
20	Fabrication of patterned three-dimensional micron scaled core-sheath architectures for drug patches. <i>Materials Science and Engineering C</i> , 2019, 97, 776-783.	3.8	27
21	Regulating poly-caprolactone fiber characteristics in-situ during one-step coaxial electrospinning via enveloping liquids. <i>Materials Letters</i> , 2016, 183, 202-206.	1.3	25
22	Design and development of an international clinical data exchange system: the international layer function of the Dolphin Project. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 683-689.	2.2	22
23	Automatic Pancreas Segmentation in CT Images With Distance-Based Saliency-Aware DenseASPP Network. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 1601-1611.	3.9	22
24	Design and Development of EMR Supporting Medical Process Management. <i>Journal of Medical Systems</i> , 2012, 36, 1193-1203.	2.2	21
25	Creating hospital-specific customized clinical pathways by applying semantic reasoning to clinical data. <i>Journal of Biomedical Informatics</i> , 2014, 52, 354-363.	2.5	21
26	Improving prediction performance of colon cancer prognosis based on the integration of clinical and multi-omics data. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 22.	1.5	20
27	Use of an Agent-Based Simulation Model to Evaluate a Mobile-Based System for Supporting Emergency Evacuation Decision Making. <i>Journal of Medical Systems</i> , 2014, 38, 149.	2.2	19
28	Semi-supervised learning to improve generalizability of risk prediction models. <i>Journal of Biomedical Informatics</i> , 2019, 92, 103117.	2.5	19
29	The Meaningful Use of EMR in Chinese Hospitals: A Case Study on Curbing Antibiotic Abuse. <i>Journal of Medical Systems</i> , 2013, 37, 9937.	2.2	17
30	Attention-RefNet: Interactive Attention Refinement Network for Infected Area Segmentation of COVID-19. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2363-2373.	3.9	16
31	Modeling and Optimizing N/O-Enriched Bio-Derived Adsorbents for CO ₂ Capture: Machine Learning and DFT Calculation Approaches. <i>Industrial & Engineering Chemistry Research</i> , 2022, 61, 10670-10688.	1.8	16
32	Estimation of Occupational Noise-Induced Hearing Loss Using Kurtosis-Adjusted Noise Exposure Levels. <i>Ear and Hearing</i> , 2022, 43, 1881-1892.	1.0	15
33	Continuous micron-scaled rope engineering using a rotating multi-nozzle electrospinning emitter. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	14
34	POPCORN: A web service for individual PrognOsis prediction based on multi-center clinical data CollabORatioN without patient-level data sharing. <i>Journal of Biomedical Informatics</i> , 2018, 86, 1-14.	2.5	14
35	Design and Development of A Mobile-based System for Supporting Emergency Triage Decision Making. <i>Journal of Medical Systems</i> , 2014, 38, 65.	2.2	13
36	Time-dependent and nonlinear effects of prognostic factors in nonmetastatic colorectal cancer. <i>Cancer Medicine</i> , 2017, 6, 1882-1892.	1.3	13

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37	EHR-Oriented Knowledge Graph System: Toward Efficient Utilization of Non-Used Information Buried in Routine Clinical Practice. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 2463-2475.	3.9	13
38	Design and Development of a Sharable Clinical Decision Support System Based on a Semantic Web Service Framework. <i>Journal of Medical Systems</i> , 2016, 40, 118.	2.2	12
39	Janus particle synthesis via aligned non-concentric angular nozzles and electrohydrodynamic co-flow for tunable drug release. <i>RSC Advances</i> , 2016, 6, 77174-77178.	1.7	12
40	Analysis of correlation between window duration for kurtosis computation and accuracy of noise-induced hearing loss prediction. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 2367-2376.	0.5	12
41	Tic Detection in Tourette Syndrome Patients Based on Unsupervised Visual Feature Learning. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-10.	1.1	12
42	A novel lifelong machine learning-based method to eliminate calibration drift in clinical prediction models. <i>Artificial Intelligence in Medicine</i> , 2022, 125, 102256.	3.8	12
43	Controlled Morphing of Microbubbles to Beaded Nanofibers via Electrically Forced Thin Film Stretching. <i>Polymers</i> , 2017, 9, 265.	2.0	11
44	Spatially varying effects of predictors for the survival prediction of nonmetastatic colorectal Cancer. <i>BMC Cancer</i> , 2018, 18, 1084.	1.1	11
45	Pattern recognition and prognostic analysis of longitudinal blood pressure records in hemodialysis treatment based on a convolutional neural network. <i>Journal of Biomedical Informatics</i> , 2019, 98, 103271.	2.5	11
46	Intradialytic blood pressure pattern recognition based on density peak clustering. <i>Journal of Biomedical Informatics</i> , 2018, 83, 33-39.	2.5	10
47	Development of an automatic classifier for the prediction of hearing impairment from industrial noise exposure. <i>Journal of the Acoustical Society of America</i> , 2019, 145, 2388-2400.	0.5	10
48	DeepRecS: From RECIST Diameters to Precise Liver Tumor Segmentation. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 614-625.	3.9	10
49	Deep Semisupervised Multitask Learning Model and Its Interpretability for Survival Analysis. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3185-3196.	3.9	10
50	Research and Development of Semantics-based Sharable Clinical Pathway Systems. <i>Journal of Medical Systems</i> , 2015, 39, 73.	2.2	9
51	Electrochemical modeling and evaluation for textile electrodes to skin. <i>BioMedical Engineering OnLine</i> , 2020, 19, 30.	1.3	9
52	Method of Tumor Pathological Micronecrosis Quantification Via Deep Learning From Label Fuzzy Proportions. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2021, 25, 3288-3299.	3.9	9
53	Impact of substrate geometry on electrospun fiber deposition and alignment. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	8
54	Multimodality Attention-Guided 3-D Detection of Nonsmall Cell Lung Cancer in ¹⁸ F-FDG PET/CT Images. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2022, 6, 421-432.	2.7	8

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55	Medical Big Data Analysis in Hospital Information System. , 0, , .		7
56	Web-Based Privacy-Preserving Multicenter Medical Data Analysis Tools Via Threshold Homomorphic Encryption: Design and Development Study. Journal of Medical Internet Research, 2020, 22, e22555.	2.1	7
57	Design and implementation of Interoperable Medical Information System based on SOA. , 2009, , .		6
58	Improving prediction for medical institution with limited patient data: Leveraging hospital-specific data based on multicenter collaborative research network. Artificial Intelligence in Medicine, 2021, 113, 102024.	3.8	6
59	Time-series deep survival prediction for hemodialysis patients using an attention-based Bi-GRU network. Computer Methods and Programs in Biomedicine, 2021, 212, 106458.	2.6	6
60	Establishment and evaluation of a multicenter collaborative prediction model construction framework supporting model generalization and continuous improvement: A pilot study. International Journal of Medical Informatics, 2020, 141, 104173.	1.6	5
61	Multicenter Privacy-Preserving Cox Analysis Based on Homomorphic Encryption. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3310-3320.	3.9	4
62	A maintenance hemodialysis mortality prediction model based on anomaly detection using longitudinal hemodialysis data. Journal of Biomedical Informatics, 2021, 123, 103930.	2.5	4
63	A Chronic Disease Self-Management System Based on OWL-Based Ontologies and Semantic Rules. , 2016, , .		3
64	Modeling for the semantic integration of Clinical Pathways with related medical systems. , 2012, , .		2
65	Performance Assessment of EMR Systems Based on Post-Relational Database. Journal of Medical Systems, 2012, 36, 2421-2430.	2.2	2
66	Improving the Prognosis of Colon Cancer through Knowledge-Based Clinical-Molecular Integrated Analysis. BioMed Research International, 2021, 2021, 1-15.	0.9	2
67	A method for the early prediction of chronic diseases based on short sequential medical data. Artificial Intelligence in Medicine, 2022, 127, 102262.	3.8	2
68	Optimization of Dry Weight Assessment in Hemodialysis Patients via Reinforcement Learning. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 4880-4891.	3.9	2
69	Development of data authenticity verification system in regional health information network. , 2009, , .		1
70	LabCor: Multi-label classification using a label correction strategy. Applied Intelligence, 0, , 1.	3.3	1
71	Hospital information system integration based on cloud computing. , 0, , .		1
72	Application of Chinese medical document anonymization in EMR system. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
73	Closed-loop control in EMR based on a BI system. , 2015, , .		0
74	Electrochemical Characteristics Based on Skin-Electrode Contact Pressure for Dry Biomedical Electrodes and the Application to Wearable ECG Signal Acquisition. Journal of Sensors, 2021, 2021, 1-9.	0.6	0