

Jing-Song Li

List of Publications by Year in descending order

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74
papers

1,475
citations

331538

21
h-index

377752

34
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78
all docs

78
docs citations

78
times ranked

1789
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodality Attention-Guided 3-D Detection of Nonsmall Cell Lung Cancer in ¹⁸ F-FDG PET/CT Images. IEEE Transactions on Radiation and Plasma Medical Sciences, 2022, 6, 421-432.	2.7	8
2	DeepRecS: From RECIST Diameters to Precise Liver Tumor Segmentation. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 614-625.	3.9	10
3	A novel lifelong machine learning-based method to eliminate calibration drift in clinical prediction models. Artificial Intelligence in Medicine, 2022, 125, 102256.	3.8	12
4	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
5	Estimation of Occupational Noise-Induced Hearing Loss Using Kurtosis-Adjusted Noise Exposure Levels. Ear and Hearing, 2022, 43, 1881-1892.	1.0	15
6	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
7	Modeling and Optimizing N/O-Enriched Bio-Derived Adsorbents for CO ₂ Capture: Machine Learning and DFT Calculation Approaches. Industrial & Engineering Chemistry Research, 2022, 61, 10670-10688.	1.8	16
8	Automatic Pancreas Segmentation in CT Images With Distance-Based Saliency-Aware DenseASPP Network. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 1601-1611.	3.9	22
9	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
10	Analysis of correlation between window duration for kurtosis computation and accuracy of noise-induced hearing loss prediction. Journal of the Acoustical Society of America, 2021, 149, 2367-2376.	0.5	12
11	Improving the Prognosis of Colon Cancer through Knowledge-Based Clinical-Molecular Integrated Analysis. BioMed Research International, 2021, 2021, 1-15.	0.9	2
12	Tic Detection in Tourette Syndrome Patients Based on Unsupervised Visual Feature Learning. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.1	12
13	EHR-Oriented Knowledge Graph System: Toward Efficient Utilization of Non-Used Information Buried in Routine Clinical Practice. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2463-2475.	3.9	13
14	Attention-RefNet: Interactive Attention Refinement Network for Infected Area Segmentation of COVID-19. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 2363-2373.	3.9	16
15	Deep Semisupervised Multitask Learning Model and Its Interpretability for Survival Analysis. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3185-3196.	3.9	10
16	Multicenter Privacy-Preserving Cox Analysis Based on Homomorphic Encryption. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3310-3320.	3.9	4
17	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
18	Method of Tumor Pathological Micronecrosis Quantification Via Deep Learning From Label Fuzzy Proportions. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 3288-3299.	3.9	9

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19	Time-series deep survival prediction for hemodialysis patients using an attention-based Bi-GRU network. <i>Computer Methods and Programs in Biomedicine</i> , 2021, 212, 106458.	2.6	6
20	A maintenance hemodialysis mortality prediction model based on anomaly detection using longitudinal hemodialysis data. <i>Journal of Biomedical Informatics</i> , 2021, 123, 103930.	2.5	4
21	Electrochemical modeling and evaluation for textile electrodes to skin. <i>BioMedical Engineering OnLine</i> , 2020, 19, 30.	1.3	9
22	Establishment and evaluation of a multicenter collaborative prediction model construction framework supporting model generalization and continuous improvement: A pilot study. <i>International Journal of Medical Informatics</i> , 2020, 141, 104173.	1.6	5
23	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
24	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
25	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
26	Web-Based Privacy-Preserving Multicenter Medical Data Analysis Tools Via Threshold Homomorphic Encryption: Design and Development Study. <i>Journal of Medical Internet Research</i> , 2020, 22, e22555.	2.1	7
27	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
28	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
29	Semi-supervised learning to improve generalizability of risk prediction models. <i>Journal of Biomedical Informatics</i> , 2019, 92, 103117.	2.5	19
30	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
31	Spatially varying effects of predictors for the survival prediction of nonmetastatic colorectal Cancer. <i>BMC Cancer</i> , 2018, 18, 1084.	1.1	11
32	Intradialytic blood pressure pattern recognition based on density peak clustering. <i>Journal of Biomedical Informatics</i> , 2018, 83, 33-39.	2.5	10
33	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
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	Impact of substrate geometry on electrospun fiber deposition and alignment. <i>Journal of Applied Polymer Science</i> , 2017, 134, .	1.3	8
36	<i>Ganoderma lucidum</i> polysaccharide loaded sodium alginate micro-particles prepared via electrospraying in controlled deposition environments. <i>International Journal of Pharmaceutics</i> , 2017, 524, 148-158.	2.6	47

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37	Time-dependent and nonlinear effects of prognostic factors in nonmetastatic colorectal cancer. <i>Cancer Medicine</i> , 2017, 6, 1882-1892.	1.3	13
38	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
39	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
40	Controlled Morphing of Microbubbles to Beaded Nanofibers via Electrically Forced Thin Film Stretching. <i>Polymers</i> , 2017, 9, 265.	2.0	11
41	Essential Oil Bioactive Fibrous Membranes Prepared via Coaxial Electrospinning. <i>Journal of Food Science</i> , 2017, 82, 1412-1422.	1.5	54
42	Continuous micron-scaled rope engineering using a rotating multi-nozzle electrospinning emitter. <i>Applied Physics Letters</i> , 2016, 109, .	1.5	14
43	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
44	Magnetic-responsive microparticles with customized porosity for drug delivery. <i>RSC Advances</i> , 2016, 6, 88157-88167.	1.7	36
45	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
46	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
47	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
48	A Chronic Disease Self-Management System Based on OWL-Based Ontologies and Semantic Rules. , 2016, , .		3
49	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
50	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
51	An Automatic User-adapted Physical Activity Classification Method Using Smartphones. <i>IEEE Transactions on Biomedical Engineering</i> , 2016, 64, 1-1.	2.5	45
52	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
53	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
54	Application of Chinese medical document anonymization in EMR system. , 2015, , .		0

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55	Closed-loop control in EMR based on a BI system. , 2015, , .		0
56	Design and Development of a Medical Big Data Processing System Based on Hadoop. Journal of Medical Systems, 2015, 39, 23.	2.2	67
57	Research and Development of Semantics-based Sharable Clinical Pathway Systems. Journal of Medical Systems, 2015, 39, 73.	2.2	9
58	An Electronic Medical Record System with Treatment Recommendations Based on Patient Similarity. Journal of Medical Systems, 2015, 39, 55.	2.2	28
59	Use of an Agent-Based Simulation Model to Evaluate a Mobile-Based System for Supporting Emergency Evacuation Decision Making. Journal of Medical Systems, 2014, 38, 149.	2.2	19
60	Creating hospital-specific customized clinical pathways by applying semantic reasoning to clinical data. Journal of Biomedical Informatics, 2014, 52, 354-363.	2.5	21
61	Cloud-Based Hospital Information System as a Service for Grassroots Healthcare Institutions. Journal of Medical Systems, 2014, 38, 104.	2.2	35
62	Design and Development of A Mobile-based System for Supporting Emergency Triage Decision Making. Journal of Medical Systems, 2014, 38, 65.	2.2	13
63	The Meaningful Use of EMR in Chinese Hospitals: A Case Study on Curbing Antibiotic Abuse. Journal of Medical Systems, 2013, 37, 9937.	2.2	17
64	Creating personalised clinical pathways by semantic interoperability with electronic health records. Artificial Intelligence in Medicine, 2013, 58, 81-89.	3.8	48
65	Modeling for the semantic integration of Clinical Pathways with related medical systems. , 2012, , .		2
66	Design and Development of EMR Supporting Medical Process Management. Journal of Medical Systems, 2012, 36, 1193-1203.	2.2	21
67	Ontology-Based Clinical Pathways with Semantic Rules. Journal of Medical Systems, 2012, 36, 2203-2212.	2.2	31
68	Performance Assessment of EMR Systems Based on Post-Relational Database. Journal of Medical Systems, 2012, 36, 2421-2430.	2.2	2
69	Design and development of an international clinical data exchange system: the international layer function of the Dolphin Project. Journal of the American Medical Informatics Association: JAMIA, 2011, 18, 683-689.	2.2	22
70	Design and implementation of Interoperable Medical Information System based on SOA. , 2009, , .		6
71	Development of data authenticity verification system in regional health information network. , 2009, , .		1
72	Medical Big Data Analysis in Hospital Information System. , 0, , .		7

#	ARTICLE	IF	CITATIONS
73	LabCor: Multi-label classification using a label correction strategy. Applied Intelligence, 0, , 1.	3.3	1
74	Hospital information system integration based on cloud computing. , 0, , .		1