Ming Huang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1133242/publications.pdf

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39	618	687363	677142
papers	citations	13 h-index	22 g-index

53	53	53	691
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Characterizing Patient-Clinician Communication in Secure Medical Messages: Retrospective Study. Journal of Medical Internet Research, 2022, 24, e17273.	4.3	11
2	Automated Detection of Vaping-Related Tweets on Twitter During the 2019 EVALI Outbreak Using Machine Learning Classification. Frontiers in Big Data, 2022, 5, 770585.	2.9	2
3	Midwest ruralâ€urban disparities in use of patient online services for COVIDâ€19. Journal of Rural Health, 2022, , .	2.9	2
4	Patient Portal Messaging for Asynchronous Virtual Care During the COVID-19 Pandemic: Retrospective Analysis. JMIR Human Factors, 2022, 9, e35187.	2.0	16
5	Identification of Transportation Barriers in Patient Portal Messages via Deep Semantic Embeddings and Clustering. Studies in Health Technology and Informatics, 2022, , .	0.3	0
6	Computational drug repurposing based on electronic health records: a scoping review. Npj Digital Medicine, 2022, 5, .	10.9	16
7	An aberration detection-based approach for sentinel syndromic surveillance of COVID-19 and other novel influenza-like illnesses. Journal of Biomedical Informatics, 2021, 113, 103660.	4.3	12
8	Modeling cancer clinical trials using HL7 FHIR to support downstream applications: A case study with colorectal cancer data. International Journal of Medical Informatics, 2021, 145, 104308.	3.3	17
9	Mining news media for understanding public health concerns. Journal of Clinical and Translational Science, 2021, 5, e1.	0.6	10
10	Drugâ€“target prediction utilizing heterogeneous bio-linked network embeddings. Briefings in Bioinformatics, 2021, 22, 568-580.	6.5	19
11	Leveraging Genetic Reports and Electronic Health Records for the Prediction of Primary Cancers: Algorithm Development and Validation Study. JMIR Medical Informatics, 2021, 9, e23586.	2.6	12
12	Probing Patient Messages Enhanced by Natural Language Processing: A Top-Down Message Corpus Analysis. Health Data Science, 2021, 2021, .	2.3	3
13	Analyzing Patient Secure Messages Using a Fast Health Care Interoperability Resources (FIHR)â€“Based Data Model: Development and Topic Modeling Study. Journal of Medical Internet Research, 2021, 23, e26770.	4.3	16
14	Using a mixed methods approach to identify public perception of vaping risks and overall health outcomes on Twitter during the 2019 EVALI outbreak. International Journal of Medical Informatics, 2021, 155, 104574.	3.3	12
15	KELSA: A Knowledge-Enriched Local Sequence Alignment Algorithm for Comparing Patient Medical Records. Studies in Computational Intelligence, 2021, , 227-240.	0.9	0
16	Recommendations for patient similarity classes: results of the AMIA 2019 workshop on defining patient similarity. Journal of the American Medical Informatics Association: JAMIA, 2020, 27, 1808-1812.	4.4	15
17	Detecting and Filtering Immune-Related Adverse Events Signal Based on Text Mining and Observational Health Data Sciences and Informatics Common Data Model: Framework Development Study. JMIR Medical Informatics, 2020, 8, e17353.	2.6	6
18	Leveraging Twitter Data to Explore the Feasibility of Detecting Negative Health Outcomes Related to Vaping. Communications in Computer and Information Science, 2020, , 464-468.	0.5	0

#	Article	IF	Citations
19	Understanding the patient perspective of epilepsy treatment through text mining of online patient support groups. Epilepsy and Behavior, 2019, 94, 65-71.	1.7	17
20	Evaluating global and local sequence alignment methods for comparing patient medical records. BMC Medical Informatics and Decision Making, 2019, 19, 263.	3.0	8
21	Extracting Kinship from Obituary to Enhance Electronic Health Records for Genetic Research. , 2019, , .		8
22	Technological Innovations in Disease Management: Text Mining US Patent Data From 1995 to 2017. Journal of Medical Internet Research, 2019, 21, e13316.	4.3	16
23	A Systematic Framework for Analyzing Patient-Generated Narrative Data: Protocol for a Content Analysis. JMIR Research Protocols, 2019, 8, 13914.	1.0	9
24	Temporal sequence alignment in electronic health records for computable patient representation. , 2018, , .		3
25	MfeCNN: Mixture Feature Embedding Convolutional Neural Network for Data Mapping. IEEE Transactions on Nanobioscience, 2018, 17, 165-171.	3.3	11
26	Public Opinions Toward Diseases: Infodemiological Study on News Media Data. Journal of Medical Internet Research, 2018, 20, e10047.	4.3	24
27	DP _DETECTION: An outlier detection algorithm based on density of big data. , 2018, , .		0
28	A Multidimensional B-Spline Correction for Accurate Modeling Sugar Puckering in QM/MM Simulations. Journal of Chemical Theory and Computation, 2017, 13, 3975-3984.	5.3	12
29	Mapping client messages to a unified data model with mixture feature embedding convolutional neural network. , 2017, , .		5
30	Proteasome Inhibition Contributed to the Cytotoxicity of Arenobufagin after Its Binding with Na, K-ATPase in Human Cervical Carcinoma HeLa Cells. PLoS ONE, 2016, 11, e0159034.	2.5	19
31	Characterization of the Three-Dimensional Free Energy Manifold for the Uracil Ribonucleoside from Asynchronous Replica Exchange Simulations. Journal of Chemical Theory and Computation, 2015, 11, 373-377.	5.3	10
32	Nucleic acid reactivity: Challenges for next-generation semiempirical quantum models. Journal of Computational Chemistry, 2015, 36, 1370-1389.	3.3	14
33	Mechanistic Insights into RNA Transphosphorylation from Kinetic Isotope Effects and Linear Free Energy Relationships of Model Reactions. Chemistry - A European Journal, 2014, 20, 14336-14343.	3.3	29
34	Linear free energy relationships in RNA transesterification: theoretical models to aid experimental interpretations. Physical Chemistry Chemical Physics, 2014, 16, 15846-15855.	2.8	18
35	Parametrization of an Orbital-Based Linear-Scaling Quantum Force Field for Noncovalent Interactions. Journal of Chemical Theory and Computation, 2014, 10, 1086-1098.	5.3	29
36	Improvement of DNA and RNA Sugar Pucker Profiles from Semiempirical Quantum Methods. Journal of Chemical Theory and Computation, 2014, 10, 1538-1545.	5.3	50

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37	Roadmaps through Free Energy Landscapes Calculated Using the Multidimensional vFEP Approach. Journal of Chemical Theory and Computation, 2014, 10, 24-34.	5.3	58
38	Recent Advances toward a General Purpose Linear-Scaling Quantum Force Field. Accounts of Chemical Research, 2014, 47, 2812-2820.	15.6	38
39	A Variational Linear-Scaling Framework to Build Practical, Efficient Next-Generation Orbital-Based Quantum Force Fields. Journal of Chemical Theory and Computation, 2013, 9, 1417-1427.	5.3	55