

Avishek Choudhury

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4953313/publications.pdf>

Version: 2024-02-01

43
papers

767
citations

840119

11
h-index

610482

24
g-index

51
all docs

51
docs citations

51
times ranked

614
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploring the Role of the Internet, Care Quality and Communication in Shaping Mental Health: Analysis of the Health Information National Trends Survey. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2022, 26, 468-477.	3.9	10
2	Cliniciansâ€™ Social Support, Job Stress, and Intent to Leave Healthcare during COVID-19. <i>Healthcare (Switzerland)</i> , 2022, 10, 229.	1.0	18
3	Impact of Health Perception and Knowledge on Genetic Testing Decisions Using the Health Belief Model. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100117.	1.0	3
4	Effect of risk, expectancy, and trust on cliniciansâ€™ intent to use an artificial intelligence system – Blood Utilization Calculator. <i>Applied Ergonomics</i> , 2022, 101, 103708.	1.7	25
5	Artificial Intelligence to Improve Health Outcomes in the NICU and PICU: A Systematic Review. <i>Hospital Pediatrics</i> , 2022, 12, 93-110.	0.6	10
6	Artificial Intelligence in NICU and PICU: A Need for Ecological Validity, Accountability, and Human Factors. <i>Healthcare (Switzerland)</i> , 2022, 10, 952.	1.0	6
7	Toward an Ecologically Valid Conceptual Framework for the Use of Artificial Intelligence in Clinical Settings: Need for Systems Thinking, Accountability, Decision-making, Trust, and Patient Safety Considerations in Safeguarding the Technology and Clinicians. <i>JMIR Human Factors</i> , 2022, 9, e35421.	1.0	13
8	Effect of patient portals on perception of care quality, general health, and mental health: An exploratory analysis. <i>Human Factors in Healthcare</i> , 2022, 2, 100018.	0.5	1
9	Detecting breast cancer using artificial intelligence: Convolutional neural network. <i>Technology and Health Care</i> , 2021, 29, 33-43.	0.5	13
10	Predicting cancer using supervised machine learning: Mesothelioma. <i>Technology and Health Care</i> , 2021, 29, 45-58.	0.5	24
11	Augmenting patient safety through participation by design – An assessment of dual monitors for patients in the outpatient clinic. <i>International Journal of Medical Informatics</i> , 2021, 146, 104345.	1.6	2
12	Gastrointestinal bleeding among hospitalizations for salicylate poisoning in the United States. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2021, 114, 190-195.	0.2	2
13	Hepatitis E in solid organ transplant recipients: A systematic review and meta-analysis. <i>World Journal of Gastroenterology</i> , 2021, 27, 1240-1254.	1.4	16
14	Is It Time for Machine Learning Algorithms to Predict the Risk of Kidney Failure in Patients with Chronic Kidney Disease?. <i>Journal of Clinical Medicine</i> , 2021, 10, 1121.	1.0	7
15	Usability Study of a Novel Collaborative Health IT in a Pediatric Intensive Care Unit. <i>Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare</i> , 2021, 10, 83-90.	0.2	0
16	Research Trends in Artificial Intelligence Applications in Human Factors Health Care: Mapping Review. <i>JMIR Human Factors</i> , 2021, 8, e28236.	1.0	41
17	Rituximab or plasmapheresis for prevention of recurrent focal segmental glomerulosclerosis after kidney transplantation: A systematic review and meta-analysis. <i>World Journal of Transplantation</i> , 2021, 11, 303-319.	0.6	10
18	Mobile health technology to improve maternal health awareness in tribal populations: mobile for mothers. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2021, 28, 2467-2474.	2.2	13

#	ARTICLE	IF	CITATIONS
19	Using machine learning to minimize delays caused by prior authorization: A brief report. Cogent Engineering, 2021, 8, 1944961.	1.1	1
20	Impact of using wearable devices on psychological Distress: Analysis of the health information national Trends survey. International Journal of Medical Informatics, 2021, 156, 104612.	1.6	13
21	Human factors: bridging artificial intelligence and patient safety. Proceedings of the International Symposium of Human Factors and Ergonomics in Healthcare, 2020, 9, 211-215.	0.2	7
22	Use of machine learning in geriatric clinical care for chronic diseases: a systematic literature review. JAMIA Open, 2020, 3, 459-471.	1.0	42
23	Comparing the Impact of Double and Single Screen Electronic Health Records on Doctor-Patient Non-Verbal Communication. IISE Transactions on Occupational Ergonomics and Human Factors, 2020, 8, 42-49.	0.5	5
24	Forecasting hourly emergency department arrival using time series analysis. British Journal of Health Care Management, 2020, 26, 34-43.	0.1	24
25	Artificial Intelligence and Human Trust in Healthcare: Focus on Clinicians. Journal of Medical Internet Research, 2020, 22, e15154.	2.1	280
26	Role of Artificial Intelligence in Patient Safety Outcomes: Systematic Literature Review. JMIR Medical Informatics, 2020, 8, e18599.	1.3	115
27	Impact of Gender on Doctor-Patient Communication and Emotion: Exploratory Analysis. , 2020, , .		0
28	The Impact of Double Screen Electronic Health Records on Doctor-Patient Verbal Communication and Sentiment: Comparing White Americans and African Americans. , 2020, , .		1
29	Using Text Mining to Analyze Doctor-Patient Verbal Communication: A Geriatric Depression Case Study. , 2020, , .		0
30	A framework for safeguarding artificial intelligence systems within healthcare. British Journal of Health Care Management, 2019, 25, 1-6.	0.1	5
31	Hourly Forecasting of Emergency Department Arrivals â€” Time Series Analysis. SSRN Electronic Journal, 2019, , .	0.4	0
32	Role of Artificial Intelligence, Clinicians & Policymakers in Clinical Decision Making: A Systems Viewpoint. , 2019, , .		7
33	ReMiT: Redundancy Migration for Latency Aware Fault Tolerant Cache Design in Multicore. , 2018, , .		3
34	Identification of Cancer: Mesotheliomaâ€™s Disease Using Logistic Regression and Association Rule. American Journal of Engineering and Applied Sciences, 2018, 11, 1310-1319.	0.3	8
35	Evaluating Patient Readmission Risk: A Predictive Analytics Approach. American Journal of Engineering and Applied Sciences, 2018, 11, 1320-1331.	0.3	12
36	Humanoid Robot: Application and Influence. International Journal of Applied Science - Research and Review, 2018, 05, .	0.2	1

#	ARTICLE	IF	CITATIONS
37	Prognosticating Autism Spectrum Disorder Using Artificial Neural Network: Levenberg-Marquardt Algorithm. Archives of Clinical and Biomedical Research, 2018, 02, .	0.1	9
38	Humanoid Robot-Application and Influence. Archives of Clinical and Biomedical Research, 2018, 02, .	0.1	10
39	Cardiology Admissions from Catheterization Laboratory – Time Series Forecasting. SSRN Electronic Journal, 0, , .	0.4	2
40	Early Prediction of Post-acute Care Discharge Disposition Using Predictive Analytics: Preventing Delays Caused by Prior Health Insurance Authorization and Reducing the Inpatient Length of Stay. SSRN Electronic Journal, 0, , .	0.4	0
41	Classification of Functioning, Disability, and Health: ICF-CY Self Care (SCADI Dataset) Using Predictive Analytics. SSRN Electronic Journal, 0, , .	0.4	2
42	Human Factors: Bridging Artificial Intelligence and Patient Safety. SSRN Electronic Journal, 0, , .	0.4	1
43	Impact of Gender on Doctor-Patient Communication and Emotion: Exploratory Analysis. SSRN Electronic Journal, 0, , .	0.4	0