

# Tanvi Banerjee

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1078496/publications.pdf>

Version: 2024-02-01

32  
papers

562  
citations

759233

12  
h-index

794594

19  
g-index

34  
all docs

34  
docs citations

34  
times ranked

716  
citing authors

#	ARTICLE	IF	CITATIONS
1	What Are People Tweeting About Zika? An Exploratory Study Concerning Its Symptoms, Treatment, Transmission, and Prevention. JMIR Public Health and Surveillance, 2017, 3, e38.	2.6	89
2	Day or Night Activity Recognition From Video Using Fuzzy Clustering Techniques. IEEE Transactions on Fuzzy Systems, 2014, 22, 483-493.	9.8	82
3	Early hospital mortality prediction using vital signals. Smart Health, 2018, 9-10, 265-274.	3.2	46
4	IoT Quality Control for Data and Application Needs. IEEE Intelligent Systems, 2017, 32, 68-73.	4.0	38
5	Use of Mobile Health Apps and Wearable Technology to Assess Changes and Predict Pain During Treatment of Acute Pain in Sickle Cell Disease: Feasibility Study. JMIR MHealth and UHealth, 2019, 7, e13671.	3.7	36
6	Recognizing complex instrumental activities of daily living using scene information and fuzzy logic. Computer Vision and Image Understanding, 2015, 140, 68-82.	4.7	32
7	Sleep quality prediction in caregivers using physiological signals. Computers in Biology and Medicine, 2019, 110, 276-288.	7.0	32
8	Identifying Key Topics Bearing Negative Sentiment on Twitter: Insights Concerning the 2015-2016 Zika Epidemic. JMIR Public Health and Surveillance, 2019, 5, e11036.	2.6	30
9	Using Machine Learning to Train a Wearable Device for Measuring Students' Cognitive Load during Problem-Solving Activities Based on Electrodermal Activity, Body Temperature, and Heart Rate: Development of a Cognitive Load Tracker for Both Personal and Classroom Use. Sensors, 2020, 20, 4833.	3.8	25
10	Improving pain management in patients with sickle cell disease from physiological measures using machine learning techniques. Smart Health, 2018, 7-8, 48-59.	3.2	22
11	Validating a commercial device for continuous activity measurement in the older adult population for dementia management. Smart Health, 2018, 5-6, 51-62.	3.2	19
12	Toward Sensor-Based Sleep Monitoring with Electrodermal Activity Measures. Sensors, 2019, 19, 1417.	3.8	19
13	Analyzing Public Outlook towards Vaccination using Twitter. , 2019, , .		12
14	Sit-to-Stand Measurement for In-Home Monitoring Using Voxel Analysis. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 1502-1509.	6.3	11
15	Activity Recognition Using Imagery for Smart Home Monitoring. Studies in Computational Intelligence, 2018, , 355-371.	0.9	9
16	Measuring Pain in Sickle Cell Disease using Clinical Text. , 2020, 2020, 5838-5841.		8
17	Comparison of gait speeds from wearable camera and accelerometer in structured and semi-structured environments. Healthcare Technology Letters, 2020, 7, 25-28.	3.3	8
18	Topic-Centric Unsupervised Multi-Document Summarization of Scientific and News Articles. , 2020, , .		7

#	ARTICLE	IF	CITATIONS
19	Predicting Sleep Quality in Osteoporosis Patients Using Electronic Health Records and Heart Rate Variability. , 2020, 2020, 5571-5574.		5
20	Continuous Pain Assessment Using Ensemble Feature Selection from Wearable Sensor Data. , 2019, 2019, 569-576.		4
21	Can subjective pain be inferred from objective physiological data? Evidence from patients with sickle cell disease. PLoS Computational Biology, 2021, 17, e1008542.	3.2	4
22	Customization of Curriculum Materials in Science: Motives, Challenges, and Opportunities. Journal of Science Education and Technology, 2012, 21, 38-45.	3.9	3
23	Detecting foreground disambiguation of depth images using fuzzy logic. , 2013, , .		3
24	Preliminary Investigation of Walking Motion Using a Combination of Image and Signal Processing. , 2016, , .		3
25	How do high school students' genetics progression networks change due to genetics instruction and how do they stabilize years after instruction?. Journal of Research in Science Teaching, 2022, 59, 779-807.	3.3	3
26	A Usability Analysis on the Development of Caregiver Assessment Using Serious Gaming Technology (CAST) Version 2.0: A Research Update. Journal of Technology in Human Services, 2021, 39, 68-91.	1.6	2
27	Building a framework for recognition of activities of daily living from depth images using fuzzy logic. , 2014, , .		1
28	Pain Intensity Assessment in Sickle Cell Disease Patients Using Vital Signs During Hospital Visits. Lecture Notes in Computer Science, 2021, 12662, 77-85.	1.3	1
29	Bridging the Gap between Atomic and Complex Activities in First Person Video. , 2021, , .		1
30	Predicting Early Indicators of Cognitive Decline from Verbal Utterances. , 2020, , .		1
31	Improving Pain Assessment Using Vital Signs and Pain Medication for Patients With Sickle Cell Disease: Retrospective Study. JMIR Formative Research, 2022, 6, e36998.	1.4	1
32	Development of a Daily Use Caregiver Sleep Survey (DUCSS). GeroPsych: the Journal of Gerontopsychology and Geriatric Psychiatry, 2020, 33, 209-222.	0.5	0