

# Isabel De la Torre

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8681693/publications.pdf>

Version: 2024-02-01

136  
papers

4,802  
citations

147566

31  
h-index

114278

63  
g-index

151  
all docs

151  
docs citations

151  
times ranked

6756  
citing authors

#	ARTICLE	IF	CITATIONS
1	Connected Mental Health Solutions: Global Attitudes, Preferences, and Concerns. <i>Telemedicine Journal and E-Health</i> , 2023, 29, 315-330.	1.6	1
2	Online Mindfulness Experience for Emotional Support to Healthcare staff in times of Covid-19. <i>Journal of Medical Systems</i> , 2022, 46, 14.	2.2	8
3	Comparison of Machine Learning Algorithms in the Prediction of Hospitalized Patients with Schizophrenia. <i>Sensors</i> , 2022, 22, 2517.	2.1	10
4	An ensemble-based approach for automated medical diagnosis of malaria using EfficientNet. <i>Multimedia Tools and Applications</i> , 2022, 81, 28061-28078.	2.6	16
5	Pneumonia Classification from X-ray Images with Inception-V3 and Convolutional Neural Network. <i>Diagnostics</i> , 2022, 12, 1280.	1.3	29
6	A Review of Image Processing Techniques for Deepfakes. <i>Sensors</i> , 2022, 22, 4556.	2.1	16
7	Secure File Systems for the Development of a Data Leak Protection (DLP) Tool Against Internal Threats. , 2022, , .		0
8	Survey of Techniques on Data Leakage Protection and Methods to address the Insider threat. <i>Cluster Computing</i> , 2022, 25, 4289-4302.	3.5	5
9	Chest X-ray analysis empowered with deep learning: A systematic review. <i>Applied Soft Computing Journal</i> , 2022, 126, 109319.	4.1	25
10	A Sensor-Based Data Analytics for Patient Monitoring in Connected Healthcare Applications. <i>IEEE Sensors Journal</i> , 2021, 21, 974-984.	2.4	36
11	Telemedicine and e-Health research solutions in literature for combatting COVID-19: a systematic review. <i>Health and Technology</i> , 2021, 11, 257-266.	2.1	38
12	Impact of COVID-19 on the psychological health of university students in Spain and their attitudes toward Mobile mental health solutions. <i>International Journal of Medical Informatics</i> , 2021, 147, 104369.	1.6	48
13	Sentiment Analysis Techniques Applied to Raw-Text Data from a Csq-8 Questionnaire about Mindfulness in Times of COVID-19 to Improve Strategy Generation. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6408.	1.2	8
14	Analysis of Mental Health Disease Trends Using BeGraph Software in Spanish Health Care Centers: Case Study. <i>JMIR Medical Informatics</i> , 2021, 9, e15527.	1.3	0
15	Mobile Triage Applications: A Systematic Review in Literature and Play Store. <i>Journal of Medical Systems</i> , 2021, 45, 86.	2.2	12
16	Machine Learning in Medical Emergencies: a Systematic Review and Analysis. <i>Journal of Medical Systems</i> , 2021, 45, 88.	2.2	17
17	Sentence-Level Classification Using Parallel Fuzzy Deep Learning Classifier. <i>IEEE Access</i> , 2021, 9, 17943-17985.	2.6	21
18	A MapReduce Opinion Mining for COVID-19-Related Tweets Classification Using Enhanced ID3 Decision Tree Classifier. <i>IEEE Access</i> , 2021, 9, 58706-58739.	2.6	32

#	ARTICLE	IF	CITATIONS
19	Telemedicine solutions for patients with mental disorders: a Delphi study and review of mobile applications in virtual stores. <i>Informatics for Health and Social Care</i> , 2021, , 1-20.	1.4	1
20	Transfer Learning for Alzheimer's Disease through Neuroimaging Biomarkers: A Systematic Review. <i>Sensors</i> , 2021, 21, 7259.	2.1	33
21	Automated medical diagnosis of COVID-19 through EfficientNet convolutional neural network. <i>Applied Soft Computing Journal</i> , 2020, 96, 106691.	4.1	223
22	Suicide Risk Assessment Using Machine Learning and Social Networks: a Scoping Review. <i>Journal of Medical Systems</i> , 2020, 44, 205.	2.2	41
23	Predicting Absenteeism and Temporary Disability Using Machine Learning: a Systematic Review and Analysis. <i>Journal of Medical Systems</i> , 2020, 44, 162.	2.2	3
24	Towards Mobile Edge Computing: Taxonomy, Challenges, Applications and Future Realms. <i>IEEE Access</i> , 2020, 8, 189129-189162.	2.6	26
25	Wireless Body Area Networks: UWB Wearable Textile Antenna for Telemedicine and Mobile Health Systems. <i>Micromachines</i> , 2020, 11, 558.	1.4	68
26	Energy-Aware and Reliability-Based Localization-Free Cooperative Acoustic Wireless Sensor Networks. <i>IEEE Access</i> , 2020, 8, 121366-121384.	2.6	20
27	Treatment of Depression in Primary Care with Computerized Psychological Therapies: Systematic Reviews. <i>Journal of Medical Systems</i> , 2020, 44, 67.	2.2	16
28	Internet of Things and Enhanced Living Environments: Measuring and Mapping Air Quality Using Cyber-physical Systems and Mobile Computing Technologies. <i>Sensors</i> , 2020, 20, 720.	2.1	57
29	MAFC: Multi-Agent Fog Computing Model for Healthcare Critical Tasks Management. <i>Sensors</i> , 2020, 20, 1853.	2.1	81
30	An Experience of Electronic Health Records Implementation in a Mexican Region. <i>Journal of Medical Systems</i> , 2020, 44, 106.	2.2	3
31	Mobile Health Apps for Medical Emergencies: Systematic Review. <i>JMIR MHealth and UHealth</i> , 2020, 8, e18513.	1.8	20
32	FoodScan: Food Monitoring App by Scanning the Groceries Receipts. <i>IEEE Access</i> , 2020, 8, 227915-227924.	2.6	8
33	Health Care Management Models for the Evolution of Hospitalization in Acute Inpatient Psychiatry Units: Comparative Quantitative Study. <i>JMIR Mental Health</i> , 2020, 7, e15776.	1.7	2
34	Social Robots for People with Aging and Dementia: A Systematic Review of Literature. <i>Telemedicine Journal and E-Health</i> , 2019, 25, 533-540.	1.6	153
35	Measuring QoE of a Teleconsultation App in Mental Health Using a Pentagon Model. <i>Journal of Medical Systems</i> , 2019, 43, 213.	2.2	4
36	Predictive, Personalized, Preventive and Participatory (4P) Medicine Applied to Telemedicine and eHealth in the Literature. <i>Journal of Medical Systems</i> , 2019, 43, 140.	2.2	60

#	ARTICLE	IF	CITATIONS
37	Proposing New Blockchain Challenges in eHealth. Journal of Medical Systems, 2019, 43, 64.	2.2	63
38	Reviewing Mobile Apps to Control Heart Rate in Literature and Virtual Stores. Journal of Medical Systems, 2019, 43, 80.	2.2	2
39	Development of an E-learning Model for Training Health Staff in Suicide Prevention. , 2019, , .		2
40	IoT-Based Services and Applications for Mental Health in the Literature. Journal of Medical Systems, 2019, 43, 11.	2.2	35
41	Development and Evaluation of a Telematics Platform for Monitoring of Patients in Ambulatory Major Surgery. Telemedicine Journal and E-Health, 2019, 25, 152-159.	1.6	6
42	Suicide Prevention Mobile Apps: Descriptive Analysis of Apps from the Most Popular Virtual Stores. JMIR MHealth and UHealth, 2019, 7, e13885.	1.8	11
43	A Systematic Literature Review of Technologies for Suicidal Behavior Prevention. Journal of Medical Systems, 2018, 42, 71.	2.2	46
44	A Systematic Review of mHealth apps Evaluations for Cardiac Issues. Proceedings (mdpi), 2018, 2, .	0.2	2
45	Systematic Review about QoS and QoE in Telemedicine and eHealth Services and Applications. Journal of Medical Systems, 2018, 42, 182.	2.2	23
46	Implications of the regulation in the implantation process of next generation networks in Spain: analysis in rural versus urban regions. Telecommunication Systems, 2018, 69, 39-50.	1.6	2
47	Development and QoE evaluation of an iOS mHealth app for self-controlling and education of patients with heart diseases. , 2018, , .		2
48	Data Mining Algorithms and Techniques in Mental Health: A Systematic Review. Journal of Medical Systems, 2018, 42, 161.	2.2	77
49	Managing and Controlling Stress Using mHealth: Systematic Search in App Stores. JMIR MHealth and UHealth, 2018, 6, e111.	1.8	21
50	Proposing Telecardiology Services on Cloud for Different Medical Institutions: A Model of Reference. Telemedicine Journal and E-Health, 2017, 23, 654-661.	1.6	6
51	A New mHealth App for Monitoring and Awareness of Healthy Eating: Development and User Evaluation by Spanish Users. Journal of Medical Systems, 2017, 41, 109.	2.2	24
52	Information and Communications Technologies Health Projects in Panama: A Systematic Review and their Relation with Public Policies. Journal of Medical Systems, 2017, 41, 110.	2.2	3
53	mHealth App for iOS to Help in Diagnostic Decision in Ophthalmology to Primary Care Physicians. Journal of Medical Systems, 2017, 41, 81.	2.2	12
54	Primary Prevention of Asymptomatic Cardiovascular Disease Using Physiological Sensors Connected to an iOS App. Journal of Medical Systems, 2017, 41, 191.	2.2	9

#	ARTICLE	IF	CITATIONS
55	A Systematic Review of Techniques and Sources of Big Data in the Healthcare Sector. Journal of Medical Systems, 2017, 41, 183.	2.2	45
56	Study on the effects of several operational variables on the enzymatic batch saccharification of orange solid waste. Bioresource Technology, 2017, 245, 906-915.	4.8	32
57	Dual System for Enhancing Cognitive Abilities of Children with ADHD Using Leap Motion and eye-Tracking Technologies. Journal of Medical Systems, 2017, 41, 111.	2.2	23
58	How does the Spanish regulation of NGN affect to final users? Effects on the deployment of new FTTH infrastructures. Telecommunication Systems, 2017, 64, 391-415.	1.6	5
59	Security analysis of a mHealth app in Android: Problems and solutions. , 2017, , .		2
60	A Systematic Review of Security Mechanisms for Big Data in Health and New Alternatives for Hospitals. Wireless Communications and Mobile Computing, 2017, 2017, 1-6.	0.8	11
61	Mobile Apps for Suicide Prevention: Review of Virtual Stores and Literature. JMIR MHealth and UHealth, 2017, 5, e130.	1.8	34
62	Evaluating the QoE of a mobile DSS for diagnosis of red eye diseases by medical students. , 2016, , .		0
63	Development, Technical, and User Evaluation of a Web Mobile Application for Self-Control of Diabetes. Telemedicine Journal and E-Health, 2016, 22, 778-785.	1.6	7
64	Security Recommendations for mHealth Apps: Elaboration of a Developerâ€™s Guide. Journal of Medical Systems, 2016, 40, 152.	2.2	58
65	Health apps in different mobile platforms: A review in commercial stores. , 2016, , .		1
66	Development and validation of a mobile health app for the self-management and education of cardiac patients. , 2016, , .		1
67	Big Data in Health: a Literature Review from the Year 2005. Journal of Medical Systems, 2016, 40, 209.	2.2	31
68	Utility of a mHealth App for Self-Management and Education of Cardiac Diseases in Spanish Urban and Rural Areas. Journal of Medical Systems, 2016, 40, 186.	2.2	14
69	A mobile decision support system for red eye diseases diagnosis: experience with medical students. Journal of Medical Systems, 2016, 40, 151.	2.2	12
70	Monitoring and Follow-up of Chronic Heart Failure: a Literature Review of eHealth Applications and Systems. Journal of Medical Systems, 2016, 40, 179.	2.2	21
71	What is Your Risk of Contracting Alzheimerâ€™s Disease? A Telematics Tool Helps you to Predict it. Journal of Medical Systems, 2016, 40, 3.	2.2	17
72	Content analysis of neurodegenerative and mental diseases social groups. Health Informatics Journal, 2015, 21, 267-283.	1.1	14

#	ARTICLE	IF	CITATIONS
73	Decision Support Systems and Applications in Ophthalmology: Literature and Commercial Review Focused on Mobile Apps. Journal of Medical Systems, 2015, 39, 174.	2.2	28
74	Mobile-health: A review of current state in 2015. Journal of Biomedical Informatics, 2015, 56, 265-272.	2.5	694
75	Are mobile health cloud apps better than native?., 2015, , .		4
76	Experiences and Results of Applying Tools for Assessing the Quality of a mHealth App Named Heartkeeper. Journal of Medical Systems, 2015, 39, 142.	2.2	28
77	Privacy and Security in Mobile Health Apps: A Review and Recommendations. Journal of Medical Systems, 2015, 39, 181.	2.2	243
78	Cost-Utility and Cost-Effectiveness Studies of Telemedicine, Electronic, and Mobile Health Systems in the Literature: A Systematic Review. Telemedicine Journal and E-Health, 2015, 21, 81-85.	1.6	369
79	Secure Cloud-Based Solutions for Different eHealth Services in Spanish Rural Health Centers. Journal of Medical Internet Research, 2015, 17, e157.	2.1	6
80	Analysis of mobile health applications for a broad spectrum of consumers: A user experience approach. Health Informatics Journal, 2014, 20, 74-84.	1.1	65
81	Economic Impact Assessment from the Use of a Mobile App for the Self-management of Heart Diseases by Patients with Heart Failure in a Spanish Region. Journal of Medical Systems, 2014, 38, 96.	2.2	34
82	Mobile Clinical Decision Support Systems and Applications: A Literature and Commercial Review. Journal of Medical Systems, 2014, 38, 4.	2.2	107
83	Investigating the Potential market of a Serious Game for Training of Alzheimer's Caregivers in a Northern Spain region. International Journal of Serious Games, 2014, 1, .	0.8	4
84	Comparison of Mobile Apps for the Leading Causes of Death Among Different Income Zones: A Review of the Literature and App Stores. JMIR MHealth and UHealth, 2014, 2, e1.	1.8	41
85	Personal Learning Environment Box (PLEBOX): A new approach to E-learning platforms. Computer Applications in Engineering Education, 2013, 21, E100.	2.2	15
86	A new mobile ubiquitous computing application to control obesity: SapoFit. Informatics for Health and Social Care, 2013, 38, 37-53.	1.4	39
87	Development and Evaluation of Tools for Measuring the Quality of Experience (QoE) in mHealth Applications. Journal of Medical Systems, 2013, 37, 9976.	2.2	60
88	A review of applications for the improvement of the life quality in patients with mental disorders. , 2013, , .		1
89	Analyzing open-source and commercial EHR solutions from an international perspective. , 2013, , .		7
90	On asynchronous flow scheduling for wireless body sensor networks. , 2013, , .		3

#	ARTICLE	IF	CITATIONS
91	EHR Systems in the Spanish Public Health National System: The Lack of Interoperability between Primary and Specialty Care. <i>Journal of Medical Systems</i> , 2013, 37, 9914.	2.2	16
92	Development and performance evaluation of a new RSS tool for a Web-based system: RSS_PROYECT. <i>Journal of Network and Computer Applications</i> , 2013, 36, 255-261.	5.8	4
93	Mobile health platform for pressure ulcer monitoring with electronic health record integration. <i>Health Informatics Journal</i> , 2013, 19, 300-311.	1.1	21
94	Development and Evaluation of a Web-Based Tool to Estimate Type 2 Diabetes Risk: Diab_Alert. <i>Telemedicine Journal and E-Health</i> , 2013, 19, 81-87.	1.6	9
95	Analysis of the Security and Privacy Requirements of Cloud-Based Electronic Health Records Systems. <i>Journal of Medical Internet Research</i> , 2013, 15, e186.	2.1	137
96	Mobile Health Applications for the Most Prevalent Conditions by the World Health Organization: Review and Analysis. <i>Journal of Medical Internet Research</i> , 2013, 15, e120.	2.1	422
97	Mobile Apps in Cardiology: Review. <i>JMIR MHealth and UHealth</i> , 2013, 1, e15.	1.8	109
98	Recent Advances in Intelligent Tutoring Systems. <i>Advances in Educational Marketing, Administration, and Leadership Book Series</i> , 2013, , 631-647.	0.1	0
99	Analysis of the benefits and constraints for the implementation of cloud computing over an EHRs system. , 2012, , .		5
100	A web-based application for QoS measurement of an EHRs system using exploratory factor analysis (EFA). , 2012, , .		0
101	Analysis of the Cloud Computing Paradigm on Mobile Health Records Systems. , 2012, , .		20
102	Analysis of the EHR Systems in Spanish Primary Public Health System: The Lack of Interoperability. <i>Journal of Medical Systems</i> , 2012, 36, 3273-3281.	2.2	10
103	Advances and Current State of the Security and Privacy in Electronic Health Records: Survey from a Social Perspective. <i>Journal of Medical Systems</i> , 2012, 36, 3019-3027.	2.2	30
104	How to Measure the QoS of a Web-based EHRs System: Development of an Instrument. <i>Journal of Medical Systems</i> , 2012, 36, 3725-3731.	2.2	7
105	Analysis of Cloud-Based Solutions on EHRs Systems in Different Scenarios. <i>Journal of Medical Systems</i> , 2012, 36, 3777-3782.	2.2	70
106	Comparison of Response Times of a Mobile-Web EHRs System Using PHP and JSP Languages. <i>Journal of Medical Systems</i> , 2012, 36, 3945-3953.	2.2	2
107	A Content Analysis of Chronic Diseases Social Groups on Facebook and Twitter. <i>Telemedicine Journal and E-Health</i> , 2012, 18, 404-408.	1.6	122
108	Performance Evaluation of a Web-Based System to Exchange Electronic Health Records Using Queueing Model (M/M/1). <i>Journal of Medical Systems</i> , 2012, 36, 915-924.	2.2	5

#	ARTICLE	IF	CITATIONS
109	Breast Alert: An On-line Tool for Predicting the Lifetime Risk of Women Breast Cancer. Journal of Medical Systems, 2012, 36, 1417-1424.	2.2	6
110	A Telematic Tool to Predict the Risk of Colorectal Cancer in White Men and Women: ColoRectal Cancer Alert (CRCA). Journal of Medical Systems, 2012, 36, 2557-2564.	2.2	4
111	A Mobile Learning Content-independent Versatile Ubiquitous System (CIVUS). , 2012, , 21-36.		0
112	Blended learning (b-learning) in telecommunications engineering - A study case. , 2011, , .		1
113	Bio-inspired computer vision based on neural networks. Pattern Recognition and Image Analysis, 2011, 21, 108-112.	0.6	0
114	Multiple scale neural architecture for face recognition. Pattern Recognition and Image Analysis, 2011, 21, 387-391.	0.6	1
115	Choosing the Most Efficient Database for a Web-Based System to Store and Exchange Ophthalmologic Health Records. Journal of Medical Systems, 2011, 35, 1455-1464.	2.2	10
116	Multi-scale neural texture classification using the GPU as a stream processing engine. Machine Vision and Applications, 2011, 22, 947-966.	1.7	9
117	Usage testing of game based learning in computer programming courses. , 2011, , .		1
118	Analysis of the Variables which Determine a Good E-Marketing Strategy. , 2011, , 152-168.		0
119	Conserving Mangrove Ecosystems in the Philippines: Transcending Disciplinary and Institutional Borders. Environmental Management, 2010, 45, 39-51.	1.2	58
120	Wavelet-Based Denoising for Traffic Volume Time Series Forecasting with Self-Organizing Neural Networks. Computer-Aided Civil and Infrastructure Engineering, 2010, 25, 530-545.	6.3	105
121	A New Wireless Biosensor for Intra-Vaginal Temperature Monitoring. Sensors, 2010, 10, 10314-10327.	2.1	14
122	Adapting the Telecommunication Engineering curriculum to the EEES: A project based learning tied to several subjects. , 2010, , .		4
123	Approach to teaching communications systems by collaborative learning. Student perceptions in the application of problem-based learning: Analysis of results. , 2010, , .		5
124	Response Time Estimation of a Web-Based Electronic Health Record (EHR) System using Queuing Model. International Journal of E-Health and Medical Communications, 2010, 1, 66-78.	1.4	3
125	Using Wikis to Learn Computer Programming. Communications in Computer and Information Science, 2010, , 357-362.	0.4	1
126	Designing an Instrument to Measure the QoS of a Spanish Virtual Store. Communications in Computer and Information Science, 2010, , 75-82.	0.4	0



#	ARTICLE	IF	CITATIONS
127	Electronic Health Records System Using HL7 and DICOM in Ophthalmology. , 2010, , 42-60.		0
128	Electronic Health Records in a Tele-Ophthalmologic Application with Oracle 10g. Advances in Bioinformatics and Biomedical Engineering Book Series, 2010, , 89-105.	0.2	2
129	Natural Scene Segmentation Method through Hierarchical Nature Categorization. Advances in Intelligent and Soft Computing, 2010, , 53-60.	0.2	0
130	A Web-Based Application to Exchange Electronic Health Records and Medical Images in Ophthalmology. , 2009, , 1372-1384.		0
131	A Web-Based Application to Exchange Electronic Health Records and Medical Images in Ophthalmology. , 2009, , 152-164.		0
132	Trade and export orientation of fisheries in Southeast Asia: Under-priced export at the expense of domestic food security and local economies. Ocean and Coastal Management, 2006, 49, 546-561.	2.0	22
133	Surround Suppression and Recurrent Interactions V1-V2 for Natural Scene Boundary Detection. , 0, , .		0
134	Response Time Estimation of a Web-Based Electronic Health Record (EHR) System using Queuing Model. , 0, , 272-284.		0
135	Analysis of the Variables which Determine a Good E-Marketing Strategy. , 0, , 62-78.		0
136	Analysis of Benefits and Risks of E-Commerce. , 0, , 214-239.		1