Valerie Cj Gay

List of Publications by Year
in descending order

56 papers	764 citations	933264 10 h-index	940416 16 g-index
62 all docs	62 docs citations	62 times ranked	878 citing authors

#	Article	IF	Citations
1	Bringing Health and Fitness Data Together for Connected Health Care: Mobile Apps as Enablers of Interoperability. Journal of Medical Internet Research, 2015, 17, e260.	2.1	92
2	A Self-Test to Detect a Heart Attack Using a Mobile Phone and Wearable Sensors. , 2008, , .		63
3	Body Sensor Networks for Mobile Health Monitoring: Experience in Europe and Australia. , 2010, , .		61
4	Personal Heart Monitoring and Rehabilitation System using Smart Phones. , 2006, , .		47
5	Smart Homecare System for Health Tele-monitoring. , 2007, , .		39
6	Using mobile phones to improve medication compliance and awareness for cardiac patients. , 2010, , .		39
7	Personal Heart Monitoring System Using Smart Phones To Detect Life Threatening Arrhythmias. , 2006, , .		33
8	A mobile rehabilitation application for the remote monitoring of cardiac patients after a heart attack or a coronary bypass surgery. , 2009, , .		30
9	CaptureMyEmotion: A mobile app to improve emotion learning for autistic children using sensors. , 2013, , .		30
10	Design of emotion-aware mobile apps for autistic children. Health and Technology, 2014, 4, 21-26.	2.1	24
11	Factors affecting the acceptance of integrated electronic personal health records in Saudi Arabia: The impact of e-health literacy. Health Information Management Journal, 2022, 51, 98-109.	0.9	24
12	An overview of electronic personal health records. Health Policy and Technology, 2018, 7, 427-432.	1.3	22
13	Usability Testing of Fitness Mobile Application : Methodology and Quantitative Results. , 2017, , .		21
14	The Development of an Arabic Weight-Loss App Akser Waznk: Qualitative Results. JMIR Formative Research, 2019, 3, e11785.	0.7	17
15	Mobile apps for chronic disease management: lessons learned from myFitnessCompanionÂ®. Health and Technology, 2013, 3, 111-118.	2.1	16
16	Ventricular Tachycardia/Fibrillation Detection Algorithm for 24/7 Personal Wireless Heart Monitoring. , 2007, , 110-120.		14
17	Trial Results of a Novel Cardiac Rhythm Management System Using Smart Phones and Wireless ECG Sensors. Lecture Notes in Computer Science, 2009, , 32-39.	1.0	13
18	Towards Understanding the Usability Attributes of AI-Enabled eHealth Mobile Applications. Journal of Healthcare Engineering, 2021, 2021, 1-8.	1.1	12

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19	Specification of multiparty audio and video interaction based on the Reference Model of Open Distributed Processing. Computer Networks, 1995, 27, 1247-1262.	1.0	11
20	Usability Testing of Fitness Mobile Application : Case Study Aded Surat App. International Journal of Computer Science and Information Technology, 2017, 9, 105-125.	0.3	11
21	Usability Attributes for Mobile Applications: A Systematic Review. EAI/Springer Innovations in Communication and Computing, 2019, , 53-62.	0.9	11
22	SocialCycle what can a mobile app do to encourage cycling?. , 2013, , .		10
23	Personalised mobile health and fitness apps: lessons learned from myFitnessCompanionÂ®. Studies in Health Technology and Informatics, 2012, 177, 248-53.	0.2	10
24	Policy-Based Quality of Service and Security Management for Multimedia Services on IP Networks in the RTIPA Project. Lecture Notes in Computer Science, 2002, , 25-35.	1.0	7
25	Building Social Awareness for Teens and Young Adults with Autism via Gamification. Lecture Notes in Computer Science, 2016, , 116-127.	1.0	7
26	A Comparative Study of Policy Specification Languages for Secure Distributed Applications. Lecture Notes in Computer Science, 2002, , 157-168.	1.0	7
27	An adaptation architecture to improve user-perceived QoS of multimedia services for enterprise remote desktop protocols. , 0, , .		6
28	Considering Security and Quality of Service in SLS to Improve Policy-Based Management of Multimedia Services. , 2007, , .		6
29	Improving User Engagement by Aggregating and Analysing Health and Fitness Data on a Mobile App. Lecture Notes in Computer Science, 2015, , 325-330.	1.0	6
30	User Adoption of Mobile Apps for Chronic Disease Management: A Case Study Based on myFitnessCompanionÂ®. Lecture Notes in Computer Science, 2012, , 42-49.	1.0	6
31	Analysis of an eHealth app: Privacy, Security and Usability. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	6
32	Privacy, Security and Usability for IoT-enabled Weight Loss Apps. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	5
33	Improving the SLA-Based Management of QoS for Secure Multimedia Services. Lecture Notes in Computer Science, 2005, , 204-215.	1.0	5
34	A computational and engineering view on open distributed real-time multimedia exchange. Lecture Notes in Computer Science, 1995, , 39-52.	1.0	4
35	Integration of Security Parameters in the Service Level Specification to Improve QoS Management of Secure Distributed Multimedia Services. , 0, , .		4
36	The Good, The Bad and the Ugly about Social Networks for Health Apps. , 2011, , .		4

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37	SAM Smart Asthma Monitoring: Focus on Air Quality Data and Internet of Things (IoT). , 2018, , .		4
38	Towards an Application Helping to Minimize Medication Error Rate. Mobile Information Systems, 2021, 2021, 1-7.	0.4	4
39	MHEGAM-a multimedia messaging system. IEEE MultiMedia, 1997, 4, 22-29.	1.5	3
40	A Conceptual Architecture for Adaptation in Remote Desktop Systems Driven by the User Perception of Multimedia. , 0, , .		3
41	Multimedia in the ODP-RM standard. IEEE MultiMedia, 1997, 4, 68-73.	1.5	2
42	Personalized Service and Network Adaptation for Smart Devices. , 0, , .		2
43	Feasibility trial of a novel mobile cardiac rehabilitation application. , 2010, , .		2
44	#thismymob. , 2017, , .		2
45	Modernising Asthma Management: Personalised Asthma Action Plans Using a Smartphone Application. , 2018, , .		2
46	An Architecture for the Support of Knowledge-intensive e-Business Processes. , 2001, , 113-120.		2
47	Multimedia Conferencing services in an open distributed environment. Lecture Notes in Computer Science, 1994, , 339-352.	1.0	2
48	X.400-based distributed application design methodology. , 1992, , .		1
49	QoS management of ODP-based distributed multimedia applications. , 0, , .		1
50	Continuous Digital Health. IEEE Internet Computing, 2015, 19, 8-9.	3.2	1
51	Using Asynchronous Exergames to Encourage an Active Ageing Lifestyle: Solitaire Fitness Study Protocol. Studies in Health Technology and Informatics, 2019, 266, 70-75.	0.2	1
52	Improving dental care recommendation systems using trust and social networks. , 2014, , .		0
53	Modelling Health Process and System Requirements Engineering for Better e-Health Services in Saudi Arabia. International Journal of Advanced Computer Science and Applications, 2021, 12, .	0.5	0
54	Creating Smarter Spaces to Unleash the Potential of Health Apps. Lecture Notes in Computer Science, 2018, , 134-145.	1.0	0

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55	Le Bon Samaritain: A Community-Based Care Model Supported by Technology. Studies in Health Technology and Informatics, 2015, 214, 50-5.	0.2	0
56	Roadshow Presentations for Developing Presentation and Feedback Skills in Studio Based Learning. , 2021, , .		0