Loe Feijs

List of Publications by Year
in descending order

37 papers	659 citations	933447 10 h-index	713466 21 g-index
41 all docs	41 docs citations	41 times ranked	543 citing authors

#	Article	IF	Citations
1	ViBreathe: Heart Rate Variability Enhanced Respiration Training for Workaday Stress Management via an Eyes-Free Tangible Interface. International Journal of Human-Computer Interaction, 2021, 37, 1551-1570.	4.8	9
2	Statistical Modeling of Heart Rate Variability to Unravel the Factors Affecting Autonomic Regulation in Preterm Infants. Scientific Reports, 2019, 9, 7691.	3.3	11
3	Towards a Deeper Understanding of the Behavioural Implications of Bidirectional Activity-Based Ambient Displays in Ambient Assisted Living Environments. Lecture Notes in Computer Science, 2019, , 108-151.	1.3	5
4	Cardiorespiratory coupling in preterm infants. Journal of Applied Physiology, 2019, 126, 202-213.	2.5	19
5	Unwind: a musical biofeedback for relaxation assistance. Behaviour and Information Technology, 2018, 37, 800-814.	4.0	36
6	DeLight: biofeedback through ambient light for stress intervention and relaxation assistance. Personal and Ubiquitous Computing, 2018, 22, 787-805.	2.8	61
7	RESonance: Lightweight, Room-Scale Audio-Visual Biofeedback for Immersive Relaxation Training. IEEE Access, 2018, 6, 38336-38347.	4.2	17
8	Effects of Ambient Lighting Displays on Peripheral Activity Awareness. IEEE Access, 2017, 5, 9318-9335.	4.2	19
9	StressTree. , 2017, , .		29
10	Presenting a Real-Time Activity-Based Bidirectional Framework for Improving Social Connectedness. Lecture Notes in Computer Science, 2017, , 356-367.	1.3	1
11	A Strategy to Reduce Critical Cardiorespiratory Alarms due to Intermittent Enteral Feeding of Preterm Neonates in Intensive Care. Interactive Journal of Medical Research, 2017, 6, e20.	1.4	5
12	Pattern discovery in critical alarms originating from neonates under intensive care. Physiological Measurement, 2016, 37, 564-579.	2.1	26
13	Promoting Social Connectedness through Human Activity-Based Ambient Displays. , 2016, , .		18
14	Improving Awareness and Social Connectedness through the Social Hue. , 2016, , .		10
15	LivingSurface. , 2016, , .		27
16	A Study on User Acceptance of Different Auditory Content for Relaxation. , 2016, , .		5
17	Autonomic nervous system functioning associated with psychogenic nonepileptic seizures: Analysis of heart rate variability. Epilepsy and Behavior, 2016, 54, 14-19.	1.7	38
18	Semantics-driven design for bonding with human scent. International Journal of Arts and Technology, 2016, 9, 237.	0.1	0

#	Article	IF	Citations
19	Drapely-o-lightment: An Algorithmic Approach to Designing for Drapability in an E-Textile Garment. Leonardo, 2015, 48, 226-234.	0.3	0
20	Perception of Human Activities - A Means to Support Connectedness Between the Elderly and Their Caregivers. , 2015, , .		7
21	Sensor integration for perinatology research. International Journal of Sensor Networks, 2011, 9, 38.	0.4	29
22	IPML. , 2011, , 152-176.		0
23	Synchronizable Objects in Distributed Multimedia Applications. Lecture Notes in Computer Science, 2010, , 117-129.	1.3	1
24	A Distributed Multi-agent Architecture in Simulation Based Medical Training. Lecture Notes in Computer Science, 2009, , 105-115.	1.3	6
25	UML in Action: Integrating Formal Methods in Industrial Design Education. , 2007, , 489-498.		6
26	A Formal Approach to Product Semantics with an Application to Sustainable Design. Design Issues, 2005, 21, 67-81.	0.4	6
27	Divisions of the Plane by Computer: Another Way of Looking at Mondrian's Nonfigurative Compositions. Leonardo, 2004, 37, 217-222.	0.3	7
28	Automatic generation of MPEG test streams from high-level grammars. Information and Software Technology, 2002, 44, 671-682.	4.4	0
29	Mechanisms for naming An algebraic approach with an application to Java. Science of Computer Programming, 2001, 39, 149-188.	1.9	1
30	Languages for formalizing, visualizing and verifying software architectures. Computer Languages, Systems and Structures, 2001, 27, 3-18.	0.3	15
31	Relation algebra with multi-relations. International Journal of Computer Mathematics, 1998, 70, 57-74.	1.8	16
32	3D visualization of software architectures. Communications of the ACM, 1998, 41, 73-78.	4.5	216
33	Lazy Functional Programs in a Concurrent Environment. Computer Journal, 1997, 40, 572-584.	2.4	0
34	Component-wise mapping of media-needs to a distributed presentation environment. , 0, , .		6
35	ClockViz: Designing Public Visualization for Coping with Collective Stress in Teamwork. , 0, , .		6
36	Calm Technology for Biofeedback: Why and How?. , 0, , .		1

#	Article	IF	Citations
37	The Language of Mondrian: Algorithmic and Axiomatic Investigations. , 0, , 183-194.		0