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	3D visualization of software architectures. Communications of the ACM, 1998, 41, 73-78.	4.5	216
2	DeLight: biofeedback through ambient light for stress intervention and relaxation assistance. Personal and Ubiquitous Computing, 2018, 22, 787-805.	2.8	61
3	Autonomic nervous system functioning associated with psychogenic nonepileptic seizures: Analysis of heart rate variability. Epilepsy and Behavior, 2016, 54, 14-19.	1.7	38
4	Unwind: a musical biofeedback for relaxation assistance. Behaviour and Information Technology, 2018, 37, 800-814.	4.0	36
5	Sensor integration for perinatology research. International Journal of Sensor Networks, 2011, 9, 38.	0.4	29
6	StressTree. , 2017, , .		29
7	LivingSurface. , 2016, , .		27
8	Pattern discovery in critical alarms originating from neonates under intensive care. Physiological Measurement, 2016, 37, 564-579.	2.1	26
9	Effects of Ambient Lighting Displays on Peripheral Activity Awareness. IEEE Access, 2017, 5, 9318-9335.	4.2	19
10	Cardiorespiratory coupling in preterm infants. Journal of Applied Physiology, 2019, 126, 202-213.	2.5	19
11	Promoting Social Connectedness through Human Activity-Based Ambient Displays. , 2016, , .		18
12	RESonance: Lightweight, Room-Scale Audio-Visual Biofeedback for Immersive Relaxation Training. IEEE Access, 2018, 6, 38336-38347.	4.2	17
13	Relation algebra with multi-relations. International Journal of Computer Mathematics, 1998, 70, 57-74.	1.8	16
14	Languages for formalizing, visualizing and verifying software architectures. Computer Languages, Systems and Structures, 2001, 27, 3-18.	0.3	15
15	Statistical Modeling of Heart Rate Variability to Unravel the Factors Affecting Autonomic Regulation in Preterm Infants. Scientific Reports, 2019, 9, 7691.	3.3	11
16	Improving Awareness and Social Connectedness through the Social Hue. , 2016, , .		10
17	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
18	Divisions of the Plane by Computer: Another Way of Looking at Mondrian's Nonfigurative Compositions. Leonardo, 2004, 37, 217-222.	0.3	7

#	ARTICLE	IF	CITATIONS
19	Perception of Human Activities - A Means to Support Connectedness Between the Elderly and Their Caregivers. , 2015, , .		7
20	Component-wise mapping of media-needs to a distributed presentation environment. , 0, , .		6
21	A Formal Approach to Product Semantics with an Application to Sustainable Design. Design Issues, 2005, 21, 67-81.	0.4	6
22	UML in Action: Integrating Formal Methods in Industrial Design Education. , 2007, , 489-498.		6
23	ClockViz: Designing Public Visualization for Coping with Collective Stress in Teamwork. , 0, , .		6
24	A Distributed Multi-agent Architecture in Simulation Based Medical Training. Lecture Notes in Computer Science, 2009, , 105-115.	1.3	6
25	A Study on User Acceptance of Different Auditory Content for Relaxation. , 2016, , .		5
26	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
27	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
28	Mechanisms for naming An algebraic approach with an application to Java. Science of Computer Programming, 2001, 39, 149-188.	1.9	1
29	Calm Technology for Biofeedback: Why and How?. , 0, , .		1
30	Presenting a Real-Time Activity-Based Bidirectional Framework for Improving Social Connectedness. Lecture Notes in Computer Science, 2017, , 356-367.	1.3	1
31	Synchronizable Objects in Distributed Multimedia Applications. Lecture Notes in Computer Science, 2010, , 117-129.	1.3	1
32	Lazy Functional Programs in a Concurrent Environment. Computer Journal, 1997, 40, 572-584.	2.4	0
33	Automatic generation of MPEG test streams from high-level grammars. Information and Software Technology, 2002, 44, 671-682.	4.4	0
34	Drapely-o-lightment: An Algorithmic Approach to Designing for Drapability in an E-Textile Garment. Leonardo, 2015, 48, 226-234.	0.3	0
35	IPML. , 2011, , 152-176.		0
36	Semantics-driven design for bonding with human scent. International Journal of Arts and Technology, 2016, 9, 237.	0.1	0

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