David Gerhard

List of Publications by Year
in descending order

20 papers	65 citations	1684188 5 h-index	1588992 8 g-index
23 all docs	23 docs citations	23 times ranked	95 citing authors

#	Article	IF	Citations
1	Stride length determination during overground running using a single foot-mounted inertial measurement unit. Journal of Biomechanics, 2018, 71, 302-305.	2.1	17
2	Creating synergy between usability courses and open source software projects. SIGCSE Bulletin, 2008, 40, 120-123.	0.1	12
3	Long-range correlations and stride pattern variability in recreational and elite distance runners during a prolonged run. Gait and Posture, 2022, 92, 487-492.	1.4	10
4	Periodicity-based swimming performance feature extraction and parameter estimation. Sports Engineering, 2015, 18, 177-189.	1.1	8
5	Pattern Classification in No-Limit Poker: A Head-Start Evolutionary Approach. Lecture Notes in Computer Science, 2007, , 204-215.	1.3	6
6	Augmenting a MIDI Keyboard Using Virtual Interfaces. AES: Journal of the Audio Engineering Society, 2018, 66, 439-447.	1.0	5
7	Mixed Reality MIDI Keyboard Demonstration. , 2017, , .		2
8	RITZ. , 2006, , .		1
9	The 6th International Conference on Music Information Retrieval (ISMIR 2005). Computer Music Journal, 2006, 30, 90-92.	0.1	1
10	Waveform-Aligned Adaptive Windows for Spectral Component Tracking and Noise Rejection. Lecture Notes in Computer Science, 2014, , 463-480.	1.3	1
11	Collaborative Computer-Aided Parameter Exploration for Music and Animation. Lecture Notes in Computer Science, 2005, , 158-172.	1.3	1
12	Managing parameter spaces for multimedia composition. , 2004, , .		0
13	Realtime interactive multimedia performance. , 2005, , .		0
14	Integrating a Traffic Preemption System on an Emergency Vehicle and Airport Runway System. , 2020, , .		0
15	Multiresolution Pitch Analysis of Talking, Singing, and the Continuum Between. Lecture Notes in Computer Science, 2005, , 294-303.	1.3	0
16	Chord Analysis Using Ensemble Constraints. Studies in Computational Intelligence, 2010, , 119-142.	0.9	0
17	Information Rate for Fast Time-Domain Instrument Classification. Lecture Notes in Computer Science, 2016, , 297-308.	1.3	0
18	Augmenting Virtuality with a Synchronized Dynamic Musical Instrument: A User Evaluation of a Mixed Reality MIDI Keyboard. Lecture Notes in Computer Science, 2018, , 540-557.	1.3	0

#	Article	IF	Citations
19	The Effectiveness of Virtual Reality as an Instructional Medium for Multidimensional Concepts. , 2020, , .		0
20	Focus-Plus-Context Audio Interaction Design. Lecture Notes in Computer Science, 2008, , 453-477.	1.3	0