

# David Gerhard

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1940749/publications.pdf>

Version: 2024-02-01

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	Long-range correlations and stride pattern variability in recreational and elite distance runners during a prolonged run. <i>Gait and Posture</i> , 2022, 92, 487-492.	1.4	10
2	Integrating a Traffic Preemption System on an Emergency Vehicle and Airport Runway System. , 2020, , .		0
3	The Effectiveness of Virtual Reality as an Instructional Medium for Multidimensional Concepts. , 2020, , .		0
4	Stride length determination during overground running using a single foot-mounted inertial measurement unit. <i>Journal of Biomechanics</i> , 2018, 71, 302-305.	2.1	17
5	Augmenting a MIDI Keyboard Using Virtual Interfaces. <i>AES: Journal of the Audio Engineering Society</i> , 2018, 66, 439-447.	1.0	5
6	Augmenting Virtuality with a Synchronized Dynamic Musical Instrument: A User Evaluation of a Mixed Reality MIDI Keyboard. <i>Lecture Notes in Computer Science</i> , 2018, , 540-557.	1.3	0
7	Mixed Reality MIDI Keyboard Demonstration. , 2017, , .		2
8	Information Rate for Fast Time-Domain Instrument Classification. <i>Lecture Notes in Computer Science</i> , 2016, , 297-308.	1.3	0
9	Periodicity-based swimming performance feature extraction and parameter estimation. <i>Sports Engineering</i> , 2015, 18, 177-189.	1.1	8
10	Waveform-Aligned Adaptive Windows for Spectral Component Tracking and Noise Rejection. <i>Lecture Notes in Computer Science</i> , 2014, , 463-480.	1.3	1
11	Chord Analysis Using Ensemble Constraints. <i>Studies in Computational Intelligence</i> , 2010, , 119-142.	0.9	0
12	Creating synergy between usability courses and open source software projects. <i>SIGCSE Bulletin</i> , 2008, 40, 120-123.	0.1	12
13	Focus-Plus-Context Audio Interaction Design. <i>Lecture Notes in Computer Science</i> , 2008, , 453-477.	1.3	0
14	Pattern Classification in No-Limit Poker: A Head-Start Evolutionary Approach. <i>Lecture Notes in Computer Science</i> , 2007, , 204-215.	1.3	6
15	RITZ. , 2006, , .		1
16	The 6th International Conference on Music Information Retrieval (ISMIR 2005). <i>Computer Music Journal</i> , 2006, 30, 90-92.	0.1	1
17	Realtime interactive multimedia performance. , 2005, , .		0
18	Collaborative Computer-Aided Parameter Exploration for Music and Animation. <i>Lecture Notes in Computer Science</i> , 2005, , 158-172.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Multiresolution Pitch Analysis of Talking, Singing, and the Continuum Between. Lecture Notes in Computer Science, 2005, , 294-303.	1.3	0
20	Managing parameter spaces for multimedia composition. , 2004, , .		0