

# Aristodemos Pnevmatikakis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7000323/publications.pdf>

Version: 2024-02-01

58  
papers

459  
citations

1039406

9  
h-index

940134

16  
g-index

65  
all docs

65  
docs citations

65  
times ranked

361  
citing authors

#	ARTICLE	IF	CITATIONS
1	The CHIL audiovisual corpus for lecture and meeting analysis inside smart rooms. Computers and the Humanities, 2007, 41, 389-407.	1.4	56
2	Audio-Visual Active Speaker Tracking in Cluttered Indoors Environments. IEEE Transactions on Systems, Man, and Cybernetics, 2008, 38, 799-807.	5.5	37
3	eWALL: An Open-Source Cloud-Based eHealth Platform for Creating Home Caring Environments for Older Adults Living with Chronic Diseases or Frailty. Wireless Personal Communications, 2017, 97, 1835-1875.	1.8	20
4	2D Person Tracking Using Kalman Filtering and Adaptive Background Learning in a Feedback Loop. , 2006, , 151-160.		19
5	Video-Based Face Recognition Evaluation in the CHIL Project - Run 1. , 0, , .		16
6	Risk Assessment for Personalized Health Insurance Based on Real-World Data. Risks, 2021, 9, 46.	1.3	14
7	Audio-Visual Active Speaker Tracking in Cluttered Indoors Environments $\ast$ . IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 7-15.	5.5	13
8	Robust Estimation of Background for Fixed Cameras. , 2006, , .		12
9	Personalized Coverage of Large Athletic Events. IEEE MultiMedia, 2011, 18, 18-29.	1.5	11
10	Subclass linear discriminant analysis for video-based face recognition. Journal of Visual Communication and Image Representation, 2009, 20, 543-551.	1.7	10
11	Real Time Audio-Visual Person Tracking. , 2006, , .		9
12	Voice activity detection using audio-visual information. , 2009, , .		9
13	Depth estimation in still images and videos using a motionless monocular camera. , 2016, , .		9
14	The 2006 Athens Information Technology Speech Activity Detection and Speaker Diarization Systems. Lecture Notes in Computer Science, 2006, , 385-395.	1.0	8
15	Improved Gaussian Mixture Models for Adaptive Foreground Segmentation. Wireless Personal Communications, 2016, 87, 629-643.	1.8	8
16	A Low-Cost Multi-Touch Surface Device Supporting Effective Ergonomic Cognitive Training for the Elderly. International Journal of Ambient Computing and Intelligence, 2010, 2, 50-62.	0.8	7
17	3D Tracking and Classification System Using a Monocular Camera. Wireless Personal Communications, 2017, 92, 63-85.	1.8	7
18	A Decision Fusion System Across Time and Classifiers for Audio-Visual Person Identification. , 2006, , 223-232.		7

#	ARTICLE	IF	CITATIONS
19	Real-time video analysis and personalized media streaming environments for large scale athletic events. , 2008, , .		6
20	Event detection in athletics for personalized sports content delivery. , 2009, , .		6
21	Discovering Composite Lifestyle Biomarkers With Artificial Intelligence From Clinical Studies to Enable Smart eHealth and Digital Therapeutic Services. <i>Frontiers in Digital Health</i> , 2021, 3, 648190.	1.5	6
22	Directing your own live and interactive sports channel. , 2009, , .		5
23	Far-Field, Multi-Camera, Video-to-Video Face Recognition. , 0, , .		5
24	Combining Finite State Machines and LDA for Voice Activity Detection. , 2007, , 323-329.		5
25	Digital Therapeutics: Virtual Coaching Powered by Artificial Intelligence on Real-World Data. <i>Frontiers in Computer Science</i> , 2021, 3, .	1.7	5
26	2D and 3D face localization for complex scenes. , 2007, , .		4
27	A realtime mixed reality system for seamless interaction between real and virtual objects. , 2008, , .		4
28	Combination of Multiple Measurement Cues for Visual Face Tracking. <i>Wireless Personal Communications</i> , 2014, 78, 1789-1810.	1.8	4
29	Recognising Daily Functioning Activities in Smart Homes. <i>Wireless Personal Communications</i> , 2017, 96, 3639-3654.	1.8	4
30	The AIT Outdoors Tracking System for Pedestrians and Vehicles. , 2006, , 171-182.		4
31	Face validation using 3D information from single calibrated camera. , 2009, , .		3
32	Tracking for context extraction in athletic events. , 2010, , .		3
33	Person Tracking. <i>Human-computer Interaction Series</i> , 2009, , 11-22.	0.4	3
34	The AIT 3D Audio / Visual Person Tracker for CLEAR 2007. <i>Lecture Notes in Computer Science</i> , 2007, , 35-46.	1.0	3
35	Stabilization of third-order, single-stage Sigma-Delta modulators. <i>Circuits, Systems, and Signal Processing</i> , 1999, 18, 149-168.	1.2	2
36	ANALOG-TO-DIGITAL INTERFACE FOR HETERODYNE RECEIVERS. <i>Journal of Circuits, Systems and Computers</i> , 2002, 11, 57-72.	1.0	2

#	ARTICLE	IF	CITATIONS
37	3D Audiovisual Person Tracking Using Kalman Filtering and Information Theory. , 2006, , 45-54.		2
38	Robust multimodal audio-visual processing for advanced context awareness in smart spaces. Personal and Ubiquitous Computing, 2009, 13, 3-14.	1.9	2
39	Context extraction in the caring home: Infrastructure and algorithms. , 2015, , .		2
40	The AIT Multimodal Person Identification System for CLEAR 2007. Lecture Notes in Computer Science, 2007, , 221-232.	1.0	2
41	Using robust audio and video processing technologies to alleviate the elderly cognitive decline. , 2008, , .		1
42	Person tracking for ambient camera selection in complex sports environments. , 2008, , .		1
43	Interactive surfaces for enhanced cognitive care. , 2009, , .		1
44	Visual Detection of Events of Interest from Urban Activity. Wireless Personal Communications, 2017, 97, 1877-1888.	1.8	1
45	The AIT 2D Face Detection and Tracking System for CLEAR 2007. Lecture Notes in Computer Science, 2007, , 113-125.	1.0	1
46	A Low-Cost Multi-Touch Surface Device Supporting Effective Ergonomic Cognitive Training for the Elderly. , 0, , 188-200.		1
47	Risk Assessment for Personalized Health Insurance Products. , 2022, , 281-294.		1
48	SIGMA-DELTA IIR FILTER REALIZATION USING THIRD-ORDER REMODULATORS. Journal of Circuits, Systems and Computers, 1998, 08, 461-472.	1.0	0
49	PHYSICAL LAYER OF A BASE-BAND OFDM MODEM: ALGORITHMS AND PERFORMANCE. Journal of Circuits, Systems and Computers, 2005, 14, 631-651.	1.0	0
50	Visual measurement cues for face tracking. , 2013, , .		0
51	Background subtraction for patterns of activities in cities. , 2016, , .		0
52	Multimodal Person Identification. , 2009, , 23-31.		0
53	Game and Multisensory Driven Ecosystem to an Active Lifestyle. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2019, , 49-58.	0.2	0
54	GOAL: An eHealth Application for Rewarding Healthy Behaviour. The First Experiences of Older Adults. , 2019, , .		0

#	ARTICLE	IF	CITATIONS
55	The Results of an Iterative Evaluation Process of an Mhealth Application for Rewarding Healthy Behaviour Among Older Adults. Communications in Computer and Information Science, 2020, , 62-78.	0.4	0
56	3D Tracking of Multiple People Using Their 2D Face Locations. , 2007, , 365-373.		0
57	The AIT Outdoor Tracker for Vehicles and Pedestrians in CLEAR2007. Lecture Notes in Computer Science, 2007, , 148-159.	1.0	0
58	HIV Patientsâ€™ Tracer for Clinical Assistance and Research during the COVID-19 Epidemic (INTERFACE): A Paradigm for Chronic Conditions. Information (Switzerland), 2022, 13, 76.	1.7	0