

Uwe Handmann

List of Publications by Year in descending order

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Version: 2024-02-01

54
papers

516
citations

1162367

8
h-index

887659

17
g-index

58
all docs

58
docs citations

58
times ranked

324
citing authors

#	ARTICLE	IF	CITATIONS
1	An image processing system for driver assistance. Image and Vision Computing, 2000, 18, 367-376.	2.7	146
2	Hand Gesture Recognition in Automotive Human-Machine Interaction Using Depth Cameras. Sensors, 2019, 19, 59.	2.1	56
3	EVOLUTIONARY MULTI-OBJECTIVE OPTIMISATION OF NEURAL NETWORKS FOR FACE DETECTION. International Journal of Computational Intelligence and Applications, 2004, 04, 237-253.	0.6	34
4	<title>Computer vision for driver assistance systems</title>. , 1998, , .		29
5	A Transfer Learning Evaluation of Deep Neural Networks for Image Classification. Machine Learning and Knowledge Extraction, 2022, 4, 22-41.	3.2	20
6	Positive Computing. Business and Information Systems Engineering, 2015, 57, 405-408.	4.0	16
7	Dynamic Hand Gesture Recognition for Mobile Systems Using Deep LSTM. Lecture Notes in Computer Science, 2017, , 19-31.	1.0	15
8	Free-hand gesture recognition with 3D-CNNs for in-car infotainment control in real-time. , 2017, , .		13
9	Relax Yourself - Using Virtual Reality to Enhance Employees' Mental Health and Work Performance. , 2019, , .		12
10	AAM based continuous facial expression recognition for face image sequences. , 2011, , .		11
11	A real-time applicable 3D gesture recognition system for automobile HMI. , 2014, , .		10
12	A pragmatic approach to multi-class classification. , 2015, , .		10
13	Transfer learning-based method for automated e-waste recycling in smart cities. EAI Endorsed Transactions on Smart Cities, 0, , 169337.	0.6	8
14	Navigating a Heavy Industry Environment Using Augmented Reality - A Comparison of Two Indoor Navigation Designs. Lecture Notes in Computer Science, 2020, , 3-18.	1.0	7
15	NFC-based person-specific assisting system in home environment. , 2014, , .		6
16	A time-of-flight-based hand posture database for human-machine interaction. , 2016, , .		6
17	Touch versus mid-air gesture interfaces in road scenarios - measuring driver performance degradation. , 2016, , .		6
18	Effects of Environmental Influences on Active Thermography to Detect the Inner Structures of Wind Turbine Rotor Blades. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Model of human clothes based on saliency maps. , 2013, , .		5
20	An efficient framework for distributed computing in heterogeneous Beowulf clusters and cluster-management. , 2014, , .		5
21	A light-weight real-time applicable hand gesture recognition system for automotive applications. , 2015, , .		5
22	Touchless interaction for future mobile applications. , 2016, , .		5
23	Active Thermographic Structural Feature Inspection of Wind-Turbine Rotor. , 2017, , .		5
24	<title>Flexible architecture for driver assistance</title>. , 1999, , .		4
25	Multi-modal biometrics for real-life person-specific emotional human-robot-interaction. , 2014, , .		4
26	Time-of-flight based multi-sensor fusion strategies for hand gesture recognition. , 2014, , .		4
27	An algorithmic skeleton for massively parallelized mean shift computation with applications to GPU architectures. , 2014, , .		4
28	Gesture-based human-machine interaction for assistance systems. , 2015, , .		4
29	A Real-Time Applicable Dynamic Hand Gesture Recognition Framework. , 2015, , .		4
30	A Feature-Fusion Transfer Learning Method as a Basis to Support Automated Smartphone Recycling in a Circular Smart City. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 422-441.	0.2	4
31	Neural Network Based Data Fusion for Hand Pose Recognition with Multiple ToF Sensors. Lecture Notes in Computer Science, 2014, , 233-240.	1.0	4
32	A Deep Learning Approach to Mid-air Gesture Interaction for Mobile Devices from Time-of-Flight Data. , 2016, , .		3
33	Increasing economic viability and safety through structural health monitoring of wind turbines. , 2017, , .		3
34	Image Processing for Driver Assistance. Informatik Aktuell, 1998, , 11-22.	0.4	3
35	<title>Scene interpretation and behavior planning for driver assistance</title>. , 2000, , .		2
36	Realtime AAM based user attention estimation. , 2011, , .		2

#	ARTICLE	IF	CITATIONS
37	An intelligent system architecture for multi-camera human tracking at airports. , 2012, , .		2
38	An Evaluation of Human Detection Methods on Camera Images in Heavy Industry Environments. , 2019, , .		2
39	Contracts for Difference: A Reinforcement Learning Approach. Journal of Risk and Financial Management, 2020, 13, 78.	1.1	2
40	Person Tracking in Heavy Industry Environments with Camera Images. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2020, , 324-336.	0.2	2
41	Fusion von Basisalgorithmen zur Segmentierung von StraÃŸenverkehrsszenen. Informatik Aktuell, 1998, , 101-108.	0.4	2
42	Text and character recognition on metal-sheets. , 2017, , .		1
43	An Evaluation of Machine Learning Frameworks. , 2021, , .		1
44	Eine flexible Architektur fÃ¼r Fahrerassistenzsysteme. Informatik Aktuell, 1999, , 36-43.	0.4	1
45	Efficient people re-identification based on models of human clothes. , 2014, , .		0
46	Biometrie for home environment challenges, modalities and applications. , 2015, , .		0
47	A Deep Learning Approach for Hand Posture Recognition from Depth Data. Lecture Notes in Computer Science, 2016, , 179-186.	1.0	0
48	A large-scale multi-pose 3D-RGB object database. , 2017, , .		0
49	Driver Stress Response to Self-driving Vehicles and Takeover Request â€“ An Expert Assessment. Advances in Intelligent Systems and Computing, 2019, , 737-743.	0.5	0
50	Observation Time Effects in Reinforcement Learning on Contracts for Difference. Journal of Risk and Financial Management, 2021, 14, 54.	1.1	0
51	Bewegungssteuerung autonomer Fahrzeuge mit neuronalen Feldern. Informatik Aktuell, 2000, , 341-348.	0.4	0
52	Privacy Aware Person-specific Assisting System for Home Environment. , 2015, , .		0
53	Boosting Detection Results of HOG-Based Algorithms Through Non-linear Metrics and ROI Fusion. Lecture Notes in Computer Science, 2017, , 577-588.	1.0	0
54	Demonstrator fÃ¼r ein handgestenbasiertes Interaktionskonzept im Automobil. , 2014, , 205-210.		0