ZdenÄ›k KrÅˆoul

List of Publications by Year
in descending order

18 papers	**145** citations	1478505 **6** h-index	1372567 **10** g-index
20 all docs	**20** docs citations	**20** times ranked	**97** citing authors

#	Article	IF	Citations
1	One Model is Not Enough: Ensembles for Isolated Sign Language Recognition. Sensors, 2022, 22, 5043.	3.8	15
2	Hand Pose Estimation in the Task of Egocentric Actions. IEEE Access, 2021, 9, 10533-10547.	4.2	2
3	Mutual Support of Data Modalities in the Task of Sign Language Recognition. , 2021, , .		9
4	Speech and web-based technology to enhance education for pupils with visual impairment. Journal on Multimodal User Interfaces, 2020, 14, 219-230.	2.9	8
5	Measuring Generalisation to Unseen Viewpoints, Articulations, Shapes andÂObjects for 3D Hand Pose Estimation Under Hand-Object Interaction. Lecture Notes in Computer Science, 2020, , 85-101.	1.3	24
6	Segmentation of Shoulder MRI Data for Musculoskeletal Model Adaptation. , 2019, , .		2
7	Improvements in 3D Hand Pose Estimation Using Synthetic Data. Lecture Notes in Computer Science, 2018, , 105-115.	1.3	3
8	Toward Sign Language Motion Capture Dataset Building. Lecture Notes in Computer Science, 2016, , 706-713.	1.3	0
9	Analysis of Facial Motion Capture Data for Visual Speech Synthesis. Lecture Notes in Computer Science, 2015, , 81-88.	1.3	0
10	Automatic fingersign-to-speech translation system. Journal on Multimodal User Interfaces, 2011, 4, 61-79.	2.9	9
11	Web-based sign language synthesis and animation for on-line assistive technologies. , 2011, , .		1
12	Multi-modal dialogue system with sign language capabilities. , 2011, , .		2
13	Web-Based System for Automatic Reading of Technical Documents for Vision Impaired Students. Lecture Notes in Computer Science, 2011, , 364-371.	1.3	4
14	Correlation analysis of facial features and sign gestures. , 2010, , .		5
15	Czech Text-to-Sign Speech Synthesizer. , 2007, , 180-191.		13
16	Design, implementation and evaluation of the Czech realistic audio-visual speech synthesis. Signal Processing, 2006, 86, 3657-3673.	3.7	18
17	Realistic Face Animation for a Czech Talking Head. Lecture Notes in Computer Science, 2004, , 603-610.	1.3	8
18	Training of coarticulation models using dominance functions and visual unit selection methods for audio-visual speech synthesis. , 0, , .		7