

# Alptekin Temizel

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

762  
citations

840776

11  
h-index

677142

22  
g-index

58  
all docs

58  
docs citations

58  
times ranked

538  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wavelet domain image resolution enhancement using cycle-spinning. Electronics Letters, 2005, 41, 119.	1.0	110
2	A new approach to aflatoxin detection in chili pepper by machine vision. Computers and Electronics in Agriculture, 2012, 87, 129-141.	7.7	80
3	Deep learning for detection and segmentation of artefact and disease instances in gastrointestinal endoscopy. Medical Image Analysis, 2021, 70, 102002.	11.6	67
4	Wavelet domain image resolution enhancement. IET Computer Vision, 2006, 153, 25.	1.3	55
5	Image resolution upscaling in the wavelet domain using directional cycle spinning. Journal of Electronic Imaging, 2005, 14, 040501.	0.9	45
6	Image Resolution Enhancement using Wavelet Domain Hidden Markov Tree and Coefficient Sign Estimation. , 2007, , .		45
7	Adaptive mean-shift for automated multi object tracking. IET Computer Vision, 2012, 6, 1.	2.0	42
8	Improved SIFT matching for image pairs with scale difference. Electronics Letters, 2010, 46, 346.	1.0	36
9	Real-Time Adaptive Camera Tamper Detection for Video Surveillance. , 2009, , .		29
10	Multi-spectral Satellite Image Registration Using Scale-Restricted SURF. , 2010, , .		29
11	Real-time multi-camera video analytics system on GPU. Journal of Real-Time Image Processing, 2016, 11, 457-472.	3.5	24
12	Camera tamper detection using wavelet analysis for video surveillance. , 2007, , .		22
13	Registration of multispectral satellite images with Orientation-Restricted SIFT. , 2009, , .		21
14	CoSPAIR: Colored Histograms of Spatial Concentric Surflet-Pairs for 3D object recognition. Robotics and Autonomous Systems, 2016, 75, 558-570.	5.1	18
15	Multi-view structure-from-motion for hybrid camera scenarios. Image and Vision Computing, 2012, 30, 557-572.	4.5	16
16	Density aware anomaly detection in crowded scenes. IET Computer Vision, 2016, 10, 376-383.	2.0	11
17	High-resolution multispectral satellite image matching using scale invariant feature transform and speeded up robust features. Journal of Applied Remote Sensing, 2011, 5, 053553.	1.3	10
18	Feature detection and tracking for extraction of crowd dynamics. , 2013, , .		7

#	ARTICLE	IF	CITATIONS
19	Heterogeneous CPU-GPU tracking-learning detection (H-TLD) for real-time object tracking. Journal of Real-Time Image Processing, 2019, 16, 339-353.	3.5	7
20	Multi-modal egocentric activity recognition using multi-kernel learning. Multimedia Tools and Applications, 2021, 80, 16299-16328.	3.9	7
21	Aflatoxin contaminated chili pepper detection by hyperspectral imaging and machine learning. , 2011, , .		6
22	Fusion of thermal- and visible-band video for abandoned object detection. Journal of Electronic Imaging, 2011, 20, 033001.	0.9	6
23	Boosted multiple kernel learning for first-person activity recognition. , 2017, , .		6
24	Cycle-Spinning GAN for Raindrop Removal from Images. , 2019, , .		6
25	Experiences on Image and Video Processing with CUDA and OpenCL. , 2011, , 547-567.		6
26	Effective Structure-from-Motion for Hybrid Camera Systems. , 2010, , .		5
27	A Dimension Reduction Approach to Player Rankings in European Football. IEEE Access, 2021, 9, 119503-119519.	4.2	5
28	Abandoned object detection using thermal and visible band image fusion. , 2010, , .		4
29	On detection of edges and interest points for omnidirectional images in spherical domain. , 2008, , .		3
30	A continuous object tracking system with stationary and moving camera modes. , 2012, , .		3
31	Local anomaly detection in crowded scenes using Finite-Time Lyapunov Exponent based clustering. , 2014, , .		3
32	A multimodal approach for individual tracking of people and their belongings. Imaging Science Journal, 2015, 63, 192-202.	0.5	3
33	Automatic point matching and robust fundamental matrix estimation for hybrid camera scenarios. , 2009, , .		2
34	Pedestrian zone anomaly detection by non-parametric temporal modelling. , 2014, , .		2
35	Particle filter based Conjoint Individual-Group Tracker (CIGT). , 2015, , .		2
36	Individual and group tracking with the evaluation of social interactions. IET Computer Vision, 2017, 11, 255-263.	2.0	2

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37	LPMNet: Latent part modification and generation for 3D point clouds. Computers and Graphics, 2021, 96, 1-13.	2.5	2
38	Evaluation and Analysis of Different Aggregation and Hyperparameter Selection Methods for Federated Brain Tumor Segmentation. Lecture Notes in Computer Science, 2022, , 405-419.	1.3	2
39	Classification of aflatoxin contaminated chili pepper using hyperspectral imaging and artificial neural networks. , 2010, , .		1
40	Registration of multi-spectral satellite images with scale-restricted SURF. , 2010, , .		1
41	Performance of Space-Time Block Soded systems with joint transmit and receive antenna selection in Nakagami-m fading channels. , 2011, , .		1
42	Detection of abandoned objects using thermal and visible band tracking. , 2011, , .		1
43	An unsupervised method for anomaly detection from crowd videos. , 2013, , .		1
44	Optimized GPU Implementation of JPEG 2000 for Satellite Image Decompression. , 2018, , .		1
45	GPU accelerated 3DES encryption. Concurrency Computation Practice and Experience, 0, , e6507.	2.2	1
46	Person Re-identification by Combining Features in a Learning Based Framework. , 2013, , .		1
47	A Machine Learning Ensembling Approach to Predicting Transfer Values. SN Computer Science, 2022, 3, 1.	3.6	1
48	Camera Sabotage Discovery for Video Surveillance Applications. , 2007, , .		0
49	Post Processing for Wavelet Domain HMT Image Resolution Enhancement. , 2007, , .		0
50	Multi modal satellite image registration using SIFT. , 2009, , .		0
51	3D Structure extraction with omnidirectional and perspective cameras. , 2010, , .		0
52	Mean-shift tracking for surveillance applications using thermal and visible band data fusion. Proceedings of SPIE, 2011, , .	0.8	0
53	Density estimation in crowd videos. , 2014, , .		0
54	Clustering of local behaviour in crowd videos. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
55	Real-time panoramic background subtraction on GPU. , 2016, , .		0
56	Integrated object tracking framework for range gated camera systems. , 2016, , .		0
57	Ranking based boosted multiple kernel learning for activity recognition on first-person videos. , 2018, , .		0