

Andrey Vavilin

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

170
citations

1307366

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1281743

11
g-index

29
all docs

29
docs citations

29
times ranked

244
citing authors

#	ARTICLE	IF	CITATIONS
1	Serial optical coherence microscopy for label-free volumetric histopathology. Scientific Reports, 2020, 10, 6711.	1.6	7
2	New Benchmarks for Barcode Detection Using Both Synthetic and Real Data. Lecture Notes in Computer Science, 2020, , 481-493.	1.0	2
3	Smartphone-Based Endoscope System for Advanced Point-of-Care Diagnostics: Feasibility Study. JMIR MHealth and UHealth, 2017, 5, e99.	1.8	20
4	Distance Sensor Fusion for Obstacle Detection at Night Based on Kinect Sensors. Lecture Notes in Computer Science, 2015, , 135-144.	1.0	0
5	Wide-field optical coherence microscopy of the mouse brain slice. Optics Letters, 2015, 40, 4420.	1.7	21
6	Augmented Reality Surveillance System for Road Traffic Monitoring. Lecture Notes in Computer Science, 2014, , 310-317.	1.0	1
7	3D scene reconstruction enhancement method based on automatic context analysis and convex optimization. Neurocomputing, 2014, 137, 71-78.	3.5	4
8	Video surveillance on mobile devices for sensor network. , 2013, , .		1
9	One-point-plus for 5-DOF localization of vehicle-mounted omnidirectional camera in long-range motion. International Journal of Control, Automation and Systems, 2013, 11, 1018-1027.	1.6	8
10	A geometry-based 3D reconstruction from a single omnidirectional image. , 2013, , .		2
11	Automatic context analysis for image classification and retrieval based on optimal feature subset selection. Neurocomputing, 2013, 116, 201-207.	3.5	5
12	Motion Analysis for Scenes with Multiple Moving Objects. IEEJ Transactions on Electronics, Information and Systems, 2013, 133, 40-46.	0.1	1
13	Fast human detection based on parallelogram haar-like features. , 2012, , .		7
14	Moving object detection and camera motion analysis from moving camera. , 2012, , .		0
15	Removing outliers of large scale scene models based on automatic context analysis and convex optimization. , 2012, , .		0
16	Camera Motion Estimation and Moving Object Detection Based on Local Feature Tracking. Lecture Notes in Computer Science, 2012, , 544-552.	1.0	5
17	Self-configuration for surveillance sensor network. , 2012, , .		6
18	Enhancing 3D Scene Models Based on Automatic Context Analysis and Optimization Algorithm. Communications in Computer and Information Science, 2012, , 435-440.	0.4	0

#	ARTICLE	IF	CITATIONS
19	Enhancing Point Clouds Accuracy of Small Baseline Images Based on Convex Optimization. Lecture Notes in Computer Science, 2012, , 216-225.	1.0	0
20	Brickpath region detection using color and shape pattern information. , 2011, , .		2
21	HDR Image Generation based on Intensity Clustering and Local Feature Analysis. Computers in Human Behavior, 2011, 27, 1507-1511.	5.1	20
22	Automatic Context Analysis for Image Classification and Retrieval. Lecture Notes in Computer Science, 2011, , 377-382.	1.0	5
23	Vehicle license plate tilt correction based on the straight line fitting method and minimizing variance of coordinates of projection points. International Journal of Control, Automation and Systems, 2010, 8, 975-984.	1.6	17
24	An Efficient Method for Correcting Vehicle License Plate Tilt. , 2010, , .		9
25	License Plate Tilt Correction Based on the Straight Line Fitting Method and Projection. Lecture Notes in Computer Science, 2010, , 184-193.	1.0	0
26	Recursive HDR image generation from differently exposed images based on local image properties. , 2008, , .		9
27	Automobile Driving Interface Based on Hand Trajectory Recognition. , 2006, , .		0