Dmitry Yudin

List of Publications by Year
in descending order

21 papers	137 citations	1937685 4 h-index	1372567 10 g-index
23 all docs	23 docs citations	23 times ranked	92 citing authors

#	Article	IF	Citations
1	Real-Time Object Navigation With Deep Neural Networks and Hierarchical Reinforcement Learning. IEEE Access, 2020, 8, 195608-195621.	4.2	29
2	Object Detection with Deep Neural Networks for Reinforcement Learning in the Task of Autonomous Vehicles Path Planning at the Intersection. Optical Memory and Neural Networks (Information) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 69	0.6	18
3	Real-Time Lidar-based Localization of Mobile Ground Robot. Procedia Computer Science, 2021, 186, 440-448.	2.0	14
4	Usage of fully convolutional network with clustering for traffic light detection. , 2018, , .		12
5	Detection of Big Animals on Images with Road Scenes using Deep Learning. , 2019, , .		7
6	Occupancy Grid Generation With Dynamic Obstacle Segmentation in Stereo Images. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 14779-14789.	8.0	7
7	Control system of robotic complex for constructions and buildings printing. , 2016, , .		5
8	DETECTION OF A HUMAN HEAD ON A LOW-QUALITY IMAGE AND ITS SOFTWARE IMPLEMENTATION. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLII-2/W12, 237-241.	0.2	5
9	Vehicle recognition and its trajectory registration on the image sequence using deep convolutional neural network. , 2017, , .		4
10	Software for roof defects recognition on aerial photographs. Journal of Physics: Conference Series, 2018, 1015, 032152.	0.4	4
11	Development of modular control software for construction 3D-printer. IOP Conference Series: Materials Science and Engineering, 2018, 327, 022011.	0.6	3
12	Event Recognition on Images by Fine-Tuning of Deep Neural Networks. Advances in Intelligent Systems and Computing, 2018, , 479-487.	0.6	3
13	Traffic Sign Recognition on Video Sequence using Deep Neural Networks and Matching Algorithm. , 2019, , .		3
14	Roof Defect Segmentation on Aerial Images Using Neural Networks. Studies in Computational Intelligence, 2021, , 175-183.	0.9	3
15	Fuzzy control of rotary cement kiln using sintering zone image recognition. , 2014, , .		2
16	Visibility Loss Detection for Video Camera Using Deep Convolutional Neural Networks. Advances in Intelligent Systems and Computing, 2019, , 434-443.	0.6	2
17	Age and Gender Recognition on Imbalanced Dataset of Face Images with Deep Learning. Advances in Intelligent Systems and Computing, 2020, , 30-40.	0.6	2
18	The Usage of Grayscale or Color Images for Facial Expression Recognition with Deep Neural Networks. Studies in Computational Intelligence, 2020, , 271-281.	0.9	1

#	Article	IF	Citations
19	Real-Time Approach to Neural Network-Based Disparity Map Generation from Stereo Images. Studies in Computational Intelligence, 2022, , 261-268.	0.9	1
20	Statistical methods analysis of green control of complex energy-intensive object. , 2015, , .		0
21	Neural Network Adaptation of the Kalman Filter for Odometry Fusion. Lecture Notes in Networks and Systems, 2022, , 44-54.	0.7	0