Sergiu Oprea

List of Publications by Year
in descending order

11 papers	1,096 citations	1477746 6 h-index	1372195 10 g-index
11 all docs	11 docs citations	11 times ranked	1135 citing authors

#	Article	IF	Citations
1	A survey on deep learning techniques for image and video semantic segmentation. Applied Soft Computing Journal, 2018, 70, 41-65.	4.1	906
2	A Review on Deep Learning Techniques for Video Prediction. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 2806-2826.	9.7	88
3	UnrealROX: an extremely photorealistic virtual reality environment for robotics simulations and synthetic data generation. Virtual Reality, 2020, 24, 271-288.	4.1	35
4	A visually realistic grasping system for object manipulation and interaction in virtual reality environments. Computers and Graphics, 2019, 83, 77-86.	1.4	25
5	When Deep Learning Meets Data Alignment: A Review on Deep Registration Networks (DRNs). Applied Sciences (Switzerland), 2020, 10, 7524.	1.3	22
6	Multi-sensor 3D object dataset for object recognition with full pose estimation. Neural Computing and Applications, 2017, 28, 941-952.	3.2	9
7	UnrealROX+: An Improved Tool for Acquiring Synthetic Data from Virtual 3D Environments. , 2021, , .		6
8	COMBAHO: A deep learning system for integrating brain injury patients in society. Pattern Recognition Letters, 2020, 137, 80-90.	2.6	2
9	Interaction Estimation in Egocentric Videos via Simultaneous Hand-Object Recognition. Advances in Intelligent Systems and Computing, 2022, , 439-448.	0.5	1
10	Estimating Context Aware Human-Object Interaction Using Deep Learning-Based Object Recognition Architectures. Advances in Intelligent Systems and Computing, 2022, , 429-438.	0.5	1
11	3D Hand Joints Position Estimation with Graph Convolutional Networks: A GraphHands Baseline. Advances in Intelligent Systems and Computing, 2020, , 551-562.	0.5	1