Yizhak Ben-Shabat

List of Publications by Year
in descending order

10 papers	303 citations	1478505 6 h-index	1720034 7 g-index
10 all docs	10 docs citations	10 times ranked	294 citing authors

#	Article	IF	Citations
1	DeepFit: 3D Surface Fitting via Neural Network Weighted Least Squares. Lecture Notes in Computer Science, 2020, , 20-34.	1.3	25
2	DPDist: Comparing Point Clouds Using Deep Point Cloud Distance. Lecture Notes in Computer Science, 2020, , 545-560.	1.3	16
3	Adaptive Multi-resolution Volumetric Modeling of Bone Micro-structure. Computational Methods in Applied Sciences (Springer), 2019, , 31-50.	0.3	0
4	Nesti-Net: Normal Estimation for Unstructured 3D Point Clouds Using Convolutional Neural Networks. , 2019, , .		44
5	3DmFV: Three-Dimensional Point Cloud Classification in Real-Time Using Convolutional Neural Networks. IEEE Robotics and Automation Letters, 2018, 3, 3145-3152.	5.1	157
6	Graph based over-segmentation methods for 3D point clouds. Computer Vision and Image Understanding, 2018, 174, 12-23.	4.7	31
7	Geometric analysis of porous structures based on Hough Transform and Genetic Algorithms for additive manufacturing. Virtual and Physical Prototyping, 2016, 11, 69-76.	10.4	0
8	Design of Porous Micro-Structures Using Curvature Analysis for Additive-Manufacturing. Procedia CIRP, 2015, 36, 279-284.	1.9	22
9	Multi-sensor Multi-resolution Data Fusion Modeling. Procedia CIRP, 2014, 21, 151-158.	1.9	6
10	Design of Adaptive Porous Micro-structures for Additive Manufacturing. Procedia CIRP, 2014, 21, 133-137.	1.9	2