Xiangyu Zhang

List of Publications by Year
in descending order

17 papers	124,293 citations	1039880 9 h-index	1372474 10 g-index
17 all docs	17 docs citations	17 times ranked	64892 citing authors

#	Article	IF	Citations
1	Deep Residual Learning for Image Recognition. , 2016, , .		100,885
2	Delving Deep into Rectifiers: Surpassing Human-Level Performance on ImageNet Classification. , 2015, , .		9,828
3	ShuffleNet: An Extremely Efficient Convolutional Neural Network for Mobile Devices. , 2018, , .		3,706
4	Identity Mappings in Deep Residual Networks. Lecture Notes in Computer Science, 2016, , 630-645.	1.0	3,665
5	ShuffleNet V2: Practical Guidelines for Efficient CNN Architecture Design. Lecture Notes in Computer Science, 2018, , 122-138.	1.0	2,162
6	Channel Pruning for Accelerating Very Deep Neural Networks. , 2017, , .		1,371
7	Large Kernel Matters â€" Improve Semantic Segmentation by Global Convolutional Network. , 2017, , .		964
8	Accelerating Very Deep Convolutional Networks for Classification and Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1943-1955.	9.7	547
9	ExFuse: Enhancing Feature Fusion for Semantic Segmentation. Lecture Notes in Computer Science, 2018, , 273-288.	1.0	286
10	Single Path One-Shot Neural Architecture Search with Uniform Sampling. Lecture Notes in Computer Science, 2020, , 544-560.	1.0	243
11	MegDet: A Large Mini-Batch Object Detector. , 2018, , .		185
12	DetNet: Design Backbone for Object Detection. Lecture Notes in Computer Science, 2018, , 339-354.	1.0	176
13	Efficient and accurate approximations of nonlinear convolutional networks. , 2015, , .		166
14	WeightNet: Revisiting the Design Space of Weight Networks. Lecture Notes in Computer Science, 2020, , 776-792.	1.0	49
15	Funnel Activation for Visual Recognition. Lecture Notes in Computer Science, 2020, , 351-368.	1.0	47
16	LabelEnc: A New Intermediate Supervision Method for Object Detection. Lecture Notes in Computer Science, 2020, , 529-545.	1.0	11
17	Weight-Dependent Gates for Differentiable Neural Network Pruning. Lecture Notes in Computer Science, 2020, , 23-37.	1.0	2