Gaofeng Meng

List of Publications by Year in Descending Order

28 papers	347 citations	11 h-index	17 g-index
28 ext. papers	477 ext. citations	7.4 avg, IF	3.85 L-index

#	Paper	IF	Citations
28	Density-aware Haze Image Synthesis by Self-Supervised Content-Style Disentanglement. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	
27	DATA: Differentiable ArchiTecture Approximation With Distribution Guided Sampling. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2021**, 43, 2905-2920	13.3	2
26	. *IEEE Transactions on Multimedia*, **2021**, 1-1	6.6	2
25	Handwritten Text Generation via Disentangled Representations. *IEEE Signal Processing Letters*, **2021**, 28, 1838-1842	3.2	0
24	Local-Aggregation Graph Networks. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, 42, 2874-2886	13.3	6
23	Geometric rectification of document images using adversarial gated unwarping network. *Pattern Recognition*, **2020**, 108, 107576	7.7	8
22	Deep Self-Evolution Clustering. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, 42, 809-823	13.3	19
21	Baselines Extraction from Curved Document Images via Slope Fields Recovery. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2020**, 42, 793-808	13.3	1
20	Scene text detection and recognition with advances in deep learning: a survey. *International Journal on Document Analysis and Recognition*, **2019**, 22, 143-162	3.8	34
19	Learning graph structure via graph convolutional networks. *Pattern Recognition*, **2019**, 95, 308-318	7.7	16
18	Blind image quality assessment via learnable attention-based pooling. *Pattern Recognition*, **2019**, 91, 332-344	7.7	15
17	Nonlinear Asymmetric Multi-Valued Hashing. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2019**, 41, 2660-2676	13.3	2
16	Deep unsupervised learning with consistent inference of latent representations. *Pattern Recognition*, **2018**, 77, 438-453	7.7	10
15	Facade repetition detection in a fronto-parallel view with fiducial lines extraction. *Neurocomputing*, **2018**, 273, 435-447	5.4	5
14	Exploiting Vector Fields for Geometric Rectification of Distorted Document Images. *Lecture Notes in Computer Science*, **2018**, 180-195	0.9	4
13	Semantic Image Synthesis via Conditional Cycle-Generative Adversarial Networks **2018**,		4
12	Deep Networks for Degraded Document Image Binarization through Pyramid Reconstruction **2017**,		11

LIST OF PUBLICATIONS

11	Active Rectification of Curved Document Images Using Structured Beams. *International Journal of Computer Vision*, **2017**, 122, 34-60	10.6	4
10	FusionNet: Edge Aware Deep Convolutional Networks for Semantic Segmentation of Remote Sensing Harbor Images. *IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing*, **2017**, 10, 5769-5783	4.7	58
9	AMVH: Asymmetric Multi-Valued hashing **2017**,		20
8	Efficient sea-land segmentation using seeds learning and edge directed graph cut. *Neurocomputing* , **2016**, 207, 36-47	5.4	14
7	Image Deblurring with Coupled Dictionary Learning. *International Journal of Computer Vision*, **2015**, 114, 248-271	10.6	27
6	Extraction of Virtual Baselines from Distorted Document Images Using Curvilinear Projection **2015**,		6
5	Active Flattening of Curved Document Images via Two Structured Beams **2014**,		18
4	Nonparametric illumination correction for scanned document images via convex hulls. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2013**, 35, 1730-43	13.3	10
3	Metric rectification of curved document images. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2012**, 34, 707-22	13.3	32
2	Skew estimation of document images using bagging. *IEEE Transactions on Image Processing*, **2010**, 19, 1837-46	8.7	13
1	Shading extraction and correction for scanned book images. *IEEE Signal Processing Letters*, **2008**, 15, 849-852	3.2	6