

Piotr Koniusz

List of Publications by Year in descending order

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31
papers

1,310
citations

840776

11
h-index

1058476

14
g-index

31
all docs

31
docs citations

31
times ranked

847
citing authors

#	ARTICLE	IF	CITATIONS
1	Power Normalizations in Fine-Grained Image, Few-Shot Image and Graph Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 591-609.	13.9	19
2	Tensor Representations for Action Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 648-665.	13.9	31
3	Accurate 3-DoF Camera Geo-Localization via Ground-to-Satellite Image Matching. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, , 1-16.	13.9	4
4	Few-Shot Object Detection by Second-Order Pooling. Lecture Notes in Computer Science, 2021, , 369-387.	1.3	8
5	Self-supervising Action Recognition by Statistical Moment and Subspace Descriptors. , 2021, , .		24
6	REFINE. , 2021, , .		13
7	A Comparative Review of Recent Kinect-Based Action Recognition Algorithms. IEEE Transactions on Image Processing, 2020, 29, 15-28.	9.8	169
8	Adaptive Subspaces for Few-Shot Learning. , 2020, , .		234
9	Few-Shot Action Recognition with Permutation-Invariant Attention. Lecture Notes in Computer Science, 2020, , 525-542.	1.3	77
10	On Modulating the Gradient for Meta-learning. Lecture Notes in Computer Science, 2020, , 556-572.	1.3	21
11	A Token-Wise CNN-Based Method for Sentence Compression. Lecture Notes in Computer Science, 2020, , 668-679.	1.3	2
12	Power Normalizing Second-Order Similarity Network for Few-Shot Learning. , 2019, , .		37
13	Identity-Preserving Face Recovery from Stylized Portraits. International Journal of Computer Vision, 2019, 127, 863-883.	15.6	13
14	Recovering Faces From Portraits with Auxiliary Facial Attributes. , 2019, , .		5
15	Hallucinating IDT Descriptors and I3D Optical Flow Features for Action Recognition With CNNs. , 2019, , .		60
16	Few-Shot Learning via Saliency-Guided Hallucination of Samples. , 2019, , .		148
17	COLTRANE. , 2019, , .		5
18	A Deeper Look at Power Normalizations. , 2018, , .		39

#	ARTICLE	IF	CITATIONS
19	Identity-Preserving Face Recovery from Portraits. , 2018, , .		9
20	Second-Order Democratic Aggregation. Lecture Notes in Computer Science, 2018, , 639-656.	1.3	17
21	Museum Exhibit Identification Challenge for the Supervised Domain Adaptation and Beyond. Lecture Notes in Computer Science, 2018, , 815-833.	1.3	26
22	Higher-Order Occurrence Pooling for Bags-of-Words: Visual Concept Detection. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2017, 39, 313-326.	13.9	70
23	Higher-Order Pooling of CNN Features via Kernel Linearization for Action Recognition. , 2017, , .		25
24	Domain Adaptation by Mixture of Alignments of Second-or Higher-Order Scatter Tensors. , 2017, , .		68
25	Face Destylization. , 2017, , .		11
26	Sparse Coding for Third-Order Super-Symmetric Tensor Descriptors with Application to Texture Recognition. , 2016, , .		20
27	Tensor Representations via Kernel Linearization for Action Recognition from 3D Skeletons. Lecture Notes in Computer Science, 2016, , 37-53.	1.3	56
28	Comparison of mid-level feature coding approaches and pooling strategies in visual concept detection. Computer Vision and Image Understanding, 2013, 117, 479-492.	4.7	57
29	Spatial Coordinate Coding to reduce histogram representations, Dominant Angle and Colour Pyramid Match. , 2011, , .		24
30	Soft assignment of visual words as Linear Coordinate Coding and optimisation of its reconstruction error. , 2011, , .		11
31	On a Quest for Image Descriptors Based on Unsupervised Segmentation Maps. , 2010, , .		7