

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	Adaptive Subspaces for Few-Shot Learning. , 2020, , .		234
2	A Comparative Review of Recent Kinect-Based Action Recognition Algorithms. IEEE Transactions on Image Processing, 2020, 29, 15-28.	9.8	169
3	Few-Shot Learning via Saliency-Guided Hallucination of Samples. , 2019, , .		148
4	Few-Shot Action Recognition with Permutation-Invariant Attention. Lecture Notes in Computer Science, 2020, , 525-542.	1.3	77
5	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
6	Domain Adaptation by Mixture of Alignments of Second-or Higher-Order Scatter Tensors. , 2017, , .		68
7	Hallucinating IDT Descriptors and I3D Optical Flow Features for Action Recognition With CNNs. , 2019, , .		60
8	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
9	Tensor Representations via Kernel Linearization for Action Recognition from 3D Skeletons. Lecture Notes in Computer Science, 2016, , 37-53.	1.3	56
10	A Deeper Look at Power Normalizations. , 2018, , .		39
11	Power Normalizing Second-Order Similarity Network for Few-Shot Learning. , 2019, , .		37
12	Tensor Representations for Action Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2022, 44, 648-665.	13.9	31
13	Museum Exhibit Identification Challenge for the Supervised Domain Adaptation and Beyond. Lecture Notes in Computer Science, 2018, , 815-833.	1.3	26
14	Higher-Order Pooling of CNN Features via Kernel Linearization for Action Recognition. , 2017, , .		25
15	Spatial Coordinate Coding to reduce histogram representations, Dominant Angle and Colour Pyramid Match. , 2011, , .		24
16	Self-supervising Action Recognition by Statistical Moment and Subspace Descriptors. , 2021, , .		24
17	On Modulating the Gradient for Meta-learning. Lecture Notes in Computer Science, 2020, , 556-572.	1.3	21
18	Sparse Coding for Third-Order Super-Symmetric Tensor Descriptors with Application to Texture Recognition. , 2016, , .		20

#	ARTICLE	IF	CITATIONS
19	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
20	Second-Order Democratic Aggregation. Lecture Notes in Computer Science, 2018, , 639-656.	1.3	17
21	Identity-Preserving Face Recovery from Stylized Portraits. International Journal of Computer Vision, 2019, 127, 863-883.	15.6	13
22	REFINE. , 2021, , .		13
23	Soft assignment of visual words as Linear Coordinate Coding and optimisation of its reconstruction error. , 2011, , .		11
24	Face Destylization. , 2017, , .		11
25	Identity-Preserving Face Recovery from Portraits. , 2018, , .		9
26	Few-Shot Object Detection by Second-Order Pooling. Lecture Notes in Computer Science, 2021, , 369-387.	1.3	8
27	On a Quest for Image Descriptors Based on Unsupervised Segmentation Maps. , 2010, , .		7
28	Recovering Faces From Portraits with Auxiliary Facial Attributes. , 2019, , .		5
29	COLTRANE. , 2019, , .		5
30	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
31	A Token-Wise CNN-Based Method for Sentence Compression. Lecture Notes in Computer Science, 2020, , 668-679.	1.3	2