Florent Perronnin

List of Publications by Year
in descending order

45 papers	9,169 citations	393982 19 h-index	642321 23 g-index
46 all docs	46 docs citations	46 times ranked	5376 citing authors

#	Article	IF	Citations
1	Convolutional Patch Representations for Image Retrieval: An Unsupervised Approach. International Journal of Computer Vision, 2017, 121, 149-168.	10.9	47
2	Label-Embedding for Image Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2016, 38, 1425-1438.	9.7	495
3	Discovering Beautiful Attributes for Aesthetic Image Analysis. International Journal of Computer Vision, 2015, 113, 246-266.	10.9	63
4	Label Embedding: A Frugal Baseline for Text Recognition. International Journal of Computer Vision, 2015, 113, 193-207.	10.9	72
5	Instance classification with prototype selection. , 2014, , .		11
6	Transformation Pursuit for Image Classification. , 2014, , .		54
7	Good Practice in Large-Scale Learning for Image Classification. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2014, 36, 507-520.	9.7	114
8	Revisiting the Fisher vector for fine-grained classification. Pattern Recognition Letters, 2014, 49, 92-98.	2.6	93
9	Image Classification with the Fisher Vector: Theory and Practice. International Journal of Computer Vision, 2013, 105, 222-245.	10.9	1,237
10	Distance-Based Image Classification: Generalizing to New Classes at Near-Zero Cost. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2013, 35, 2624-2637.	9.7	271
11	Large-scale document image retrieval and classification with runlength histograms and binary embeddings. Pattern Recognition, 2013, 46, 1898-1905.	5.1	30
12	Label-Embedding for Attribute-Based Classification. , 2013, , .		408
13	Large Scale Metric Learning for Distance-Based Image Classification on Open Ended Data Sets. , 2013, , 243-276.		1
14	AVA: A large-scale database for aesthetic visual analysis. , 2012, , .		505
15	Leveraging category-level labels for instance-level image retrieval. , 2012, , .		46
16	A Model-Based Sequence Similarity with Application to Handwritten Word Spotting. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 2108-2120.	9.7	86
17	Aggregating Local Image Descriptors into Compact Codes. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2012, 34, 1704-1716.	9.7	1,196
18	Modeling the spatial layout of images beyond spatial pyramids. Pattern Recognition Letters, 2012, 33, 2216-2223.	2.6	87

#	ARTICLE	IF	CITATIONS
19	Towards good practice in large-scale learning for image classification. , 2012, , .		71
20	Images as sets of locally weighted features. Computer Vision and Image Understanding, 2012, 116, 68-85.	3.0	22
21	Synthesizing queries for handwritten word image retrieval. Pattern Recognition, 2012, 45, 3270-3276.	5.1	15
22	Metric Learning for Large Scale Image Classification: Generalizing to New Classes at Near-Zero Cost. Lecture Notes in Computer Science, 2012, , 488-501.	1.0	120
23	Data-Driven Vehicle Identification by Image Matching. Lecture Notes in Computer Science, 2012, , 536-545.	1.0	7
24	Learning to rank images using semantic and aesthetic labels. , 2012, , .		11
25	High-dimensional signature compression for large-scale image classification. , 2011, , .		186
26	An Efficient Approach to Semantic Segmentation. International Journal of Computer Vision, 2011, 95, 198-212.	10.9	65
27	Asymmetric distances for binary embeddings. , 2011, , .		33
28	Assessing the aesthetic quality of photographs using generic image descriptors. , 2011, , .		287
29	Unsupervised writer adaptation of whole-word HMMs with application to word-spotting. Pattern Recognition Letters, 2010, 31, 742-749.	2.6	16
30	A Bag-of-Pages Approach to Unordered Multi-page Document Classification. , 2010, , .		11
31	Improving the Fisher Kernel for Large-Scale Image Classification. Lecture Notes in Computer Science, 2010, , 143-156.	1.0	1,256
32	Large-scale image categorization with explicit data embedding. , 2010, , .		102
33	Large-scale image retrieval with compressed Fisher vectors. , 2010, , .		561
34	Handwritten word-spotting using hidden Markov models and universal vocabularies. Pattern Recognition, 2009, 42, 2106-2116.	5.1	146
35	A family of contextual measures of similarity between distributions with application to image retrieval. , 2009, , .		32
36	Fisher Kernels for Handwritten Word-spotting. , 2009, , .		27

#	Article	IF	Citations
37	Handwritten Word Image Retrieval with Synthesized Typed Queries. , 2009, , .		11
38	Modeling images as mixtures of reference images. , 2009, , .		1
39	A family of contextual measures of similarity between distributions with application to image retrieval. , 2009, , .		2
40	Modeling images as mixtures of reference images. , 2009, , .		0
41	Unsupervised writer style adaptation for handwritten word spotting. , 2008, , .		7
42	Universal and Adapted Vocabularies for Generic Visual Categorization. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2008, 30, 1243-1256.	9.7	159
43	A similarity measure between unordered vector sets with application to image categorization. , 2008, , .		6
44	Fisher Kernels on Visual Vocabularies for Image Categorization. , 2007, , .		1,069
45	Incorporating Geometry Information with Weak Classifiers for Improved Generic Visual Categorization. Lecture Notes in Computer Science, 2005, , 612-620.	1.0	3