Pavel Kral

List of Publications by Year
in descending order

48 papers	354 citations	1040056 9 h-index	996975 15 g-index
52 all docs	52 docs citations	52 times ranked	274 citing authors

#	Article	IF	Citations
1	Automatic face recognition system based on the SIFT features. Computers and Electrical Engineering, 2015, 46, 256-272.	4.8	44
2	On the effects of using word2vec representations in neural networks for dialogue act recognition. Computer Speech and Language, 2018, 47, 175-193.	4.3	34
3	LBP features for breast cancer detection. , 2016, , .		31
4	Building an efficient OCR system for historical documents with little training data. Neural Computing and Applications, 2020, 32, 17209-17227.	5.6	25
5	Well-calibrated confidence measures for multi-label text classification with a large number of labels. Pattern Recognition, 2022, 122, 108271.	8.1	24
6	Unconstrained Facial Images: Database for Face Recognition Under Real-World Conditions. Lecture Notes in Computer Science, 2015, , 349-361.	1.3	19
7	Evaluation of the Document Classification Approaches. Advances in Intelligent Systems and Computing, 2013, , 877-885.	0.6	15
8	Novel Matching Methods for Automatic Face Recognition Using SIFT. International Federation for Information Processing, 2012, , 254-263.	0.4	10
9	Local binary pattern based face recognition with automatically detected fiducial points. Integrated Computer-Aided Engineering, 2016, 23, 129-139.	4.6	10
10	ICDAR 2021 Competition on Historical Map Segmentation. Lecture Notes in Computer Science, 2021, , 693-707.	1.3	10
11	Combination of classifiers for automatic recognition of dialog acts. , 0, , .		10
12	Automatic dialogue act recognition with syntactic features. Language Resources and Evaluation, 2014, 48, 419-441.	2.7	9
13	Hybrid Training Data for Historical Text OCR. , 2019, , .		8
14	ChronSeg: Novel Dataset for Segmentation of Handwritten Historical Chronicles. , 2021, , .		7
15	Deep Neural Networks for Czech Multi-label Document Classification. Lecture Notes in Computer Science, 2018, , 460-471.	1.3	7
16	Automatically Detected Feature Positions for LBP Based Face Recognition. Lecture Notes in Computer Science, 2014, , 246-255.	1.3	7
17	Neural network acoustic model with decision tree clustered triphones. , 2008, , .		6
18	Discrete Wavelet Transform for automatic speaker recognition. , 2010, , .		6

#	Article	IF	Citations
19	Multi-label Document Classification in Czech. Lecture Notes in Computer Science, 2013, , 343-351.	1.3	6
20	A combined SIFT/SURF descriptor for automatic face recognition. Proceedings of SPIE, 2013, , .	0.8	5
21	Enhanced Local Binary Patterns for Automatic Face Recognition. Lecture Notes in Computer Science, 2019, , 27-36.	1.3	5
22	Lexical Structure for Dialogue Act Recognition. Journal of Multimedia, 2007, 2, .	0.3	5
23	Novel Unsupervised Features for Czech Multi-label Document Classification. Lecture Notes in Computer Science, 2014, , 70-79.	1.3	5
24	Stance and Sentiment in Czech. Computacion Y Sistemas, 2018, 22, .	0.3	5
25	HDPA: historical document processing and analysis framework. Evolving Systems, 2021, 12, 177-190.	3.9	4
26	Training Strategies for OCR Systems for Historical Documents. IFIP Advances in Information and Communication Technology, 2019, , 362-373.	0.7	4
27	Evaluation of dialogue act recognition approaches. , 2008, , .		3
28	Are Papers Asking Questions Cited More Frequently in Computer Science?. Computers, 2021, 10, 96.	3.3	3
29	Border Detection for Seamless Connection of Historical Cadastral Maps. Lecture Notes in Computer Science, 2021, , 43-58.	1.3	3
30	Combination of Neural Networks for Multi-label Document Classification. Lecture Notes in Computer Science, 2017, , 278-282.	1.3	3
31	Named Entities as New Features for Czech Document Classification. Lecture Notes in Computer Science, 2014, , 417-427.	1.3	3
32	Historical Map Toponym Extraction for Efficient Information Retrieval. Lecture Notes in Computer Science, 2022, , 171-183.	1.3	3
33	Confidence Measures for Semi-Automatic Labeling of Dialog Acts. , 2007, , .		2
34	Two-step supervised confidence measure for automatic face recognition. , 2014, , .		2
35	Automatic face recognition with well-calibrated confidence measures. Machine Learning, 2019, 108, 511-534.	5.4	2
36	Commas recovery with syntactic features in French and in Czech. , 0, , .		2

#	Article	IF	Citations
37	Confidence Measure for Czech Document Classification. Lecture Notes in Computer Science, 2015, , 525-534.	1.3	2
38	Two-Level Neural Network for Multi-label Document Classification. Lecture Notes in Computer Science, 2017, , 368-375.	1.3	1
39	Feature to Feature Matching for LBP Based Face Recognition. Lecture Notes in Computer Science, 2015, , 371-381.	1.3	1
40	Real-Time Data Harvesting Method for Czech Twitter. , 2017, , .		1
41	Novel Texture Descriptor Family for Face Recognition. Lecture Notes in Computer Science, 2019, , 37-47.	1.3	0
42	Confidence Measure for Experimental Automatic Face Recognition System. Lecture Notes in Computer Science, 2015, , 362-378.	1.3	0
43	SAPKOS: Experimental Czech Multi-label Document Classification and Analysis System. IFIP Advances in Information and Communication Technology, 2015, , 337-350.	0.7	0
44	Semantic Features for Dialogue Act Recognition. Lecture Notes in Computer Science, 2015, , 153-163.	1.3	0
45	Neural Networks for Multi-lingual Multi-label Document Classification. Lecture Notes in Computer Science, 2018, , 73-83.	1.3	0
46	Semantic Space Transformations for Cross-Lingual Document Classification. Lecture Notes in Computer Science, 2018, , 608-616.	1.3	0
47	Data Harvesting and Event Detection from Czech Twitter. Lecture Notes in Computer Science, 2018, , 102-115.	1.3	0
48	Improving Face Recognition Methods based on POEM Features. , 2020, , .		0