

Enrique Vidal

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70
papers

1,583
citations

20
h-index

39
g-index

71
ext. papers

1,796
ext. citations

3.7
avg, IF

4.62
L-index

#	Paper	IF	Citations
70	A new version of the nearest-neighbour approximating and eliminating search algorithm (AESAs) with linear preprocessing time and memory requirements. <i>Pattern Recognition Letters</i> , 1994 , 15, 9-17	4.7	204
69	Optimum polygonal approximation of digitized curves. <i>Pattern Recognition Letters</i> , 1994 , 15, 743-750	4.7	167
68	Probabilistic finite-state machines--part I. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 1013-25	13.3	133
67	Learning weighted metrics to minimize nearest-neighbor classification error. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2006 , 28, 1100-10	13.3	125
66	Statistical Approaches to Computer-Assisted Translation. <i>Computational Linguistics</i> , 2009 , 35, 3-28	2.8	72
65	Learning prototypes and distances: A prototype reduction technique based on nearest neighbor error minimization. <i>Pattern Recognition</i> , 2006 , 39, 180-188	7.7	72
64	New formulation and improvements of the nearest-neighbour approximating and eliminating search algorithm (AESAs). <i>Pattern Recognition Letters</i> , 1994 , 15, 1-7	4.7	69
63	Multimodal interactive transcription of text images. <i>Pattern Recognition</i> , 2010 , 43, 1814-1825	7.7	61
62	The ESPOSALLES database: An ancient marriage license corpus for off-line handwriting recognition. <i>Pattern Recognition</i> , 2013 , 46, 1658-1669	7.7	57
61	A class-dependent weighted dissimilarity measure for nearest neighbor classification problems. <i>Pattern Recognition Letters</i> , 2000 , 21, 1027-1036	4.7	56
60	Machine Translation with Inferred Stochastic Finite-State Transducers. <i>Computational Linguistics</i> , 2004 , 30, 205-225	2.8	52
59	Probabilistic finite-state machines--part II. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 2005 , 27, 1026-39	13.3	42
58	Warped K-Means: An algorithm to cluster sequentially-distributed data. <i>Information Sciences</i> , 2013 , 237, 196-210	7.7	38
57	HMM word graph based keyword spotting in handwritten document images. <i>Information Sciences</i> , 2016 , 370-371, 497-518	7.7	35
56	A set of benchmarks for Handwritten Text Recognition on historical documents. <i>Pattern Recognition</i> , 2019 , 94, 122-134	7.7	31
55	The EuTrans Spoken Language Translation System. <i>Machine Translation</i> , 2000 , 15, 75-103	1.1	31
54	ICFHR2016 Competition on Handwritten Text Recognition on the READ Dataset 2016 ,		26

53	Handwritten Music Recognition for Mensural notation with convolutional recurrent neural networks. <i>Pattern Recognition Letters</i> , 2019 , 128, 115-121	4.7	23
52	Local languages, the successor method, and a step towards a general methodology for the inference of regular grammars. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> , 1987 , 9, 841-5	13.3	23
51	Inference of finite-state transducers from regular languages. <i>Pattern Recognition</i> , 2005 , 38, 1431-1443	7.7	20
50	Human interaction for high-quality machine translation. <i>Communications of the ACM</i> , 2009 , 52, 135-138	2.5	16
49	Learning finite-state models for machine translation. <i>Machine Learning</i> , 2007 , 66, 69-91	4	15
48	Interactive translation prediction versus conventional post-editing in practice: a study with the CasMaCat workbench. <i>Machine Translation</i> , 2014 , 28, 217-235	1.1	14
47	A Syntactic Pattern Recognition Approach to Computer Assisted Translation. <i>Lecture Notes in Computer Science</i> , 2004 , 207-215	0.9	13
46	ICDAR2017 Competition on Information Extraction in Historical Handwritten Records 2017 ,		12
45	Handwritten Music Recognition for Mensural Notation: Formulation, Data and Baseline Results 2017 ,		12
44	Fast K-means-like clustering in metric spaces. <i>Pattern Recognition Letters</i> , 1994 , 15, 19-25	4.7	12
43	Statistical Text Line Analysis in Handwritten Documents 2012 ,		10
42	Architectures for speech-to-speech translation using finite-state models 2002 ,		10
41	Context-Aware Gestures for Mixed-Initiative Text Editing UIs. <i>Interacting With Computers</i> , 2015 , 27, 675-686	6.6	9
40	Recent efforts in spoken language translation. <i>IEEE Signal Processing Magazine</i> , 2008 , 25, 80-88	9.4	9
39	Fast speaker-independent DTW recognition of isolated words using a metric-space search algorithm (AESAs). <i>Speech Communication</i> , 1988 , 7, 417-422	2.8	9
38	Language Simplification through Error-Correcting and Grammatical Inference Techniques. <i>Machine Learning</i> , 2001 , 44, 143-159	4	8
37	Using knowledge to improve N-Gram language modelling through the MGGI methodology. <i>Lecture Notes in Computer Science</i> , 1996 , 179-190	0.9	8
36	Computer Assisted Transcription of Speech. <i>Lecture Notes in Computer Science</i> , 2007 , 241-248	0.9	8

35	Using the MGGI Methodology for Category-Based Language Modeling in Handwritten Marriage Licenses Books 2016 ,		7
34	Alignment between Text Images and their Transcripts for Handwritten Documents 2011 , 23-37		6
33	Hybrid hidden Markov models and artificial neural networks for handwritten music recognition in mensural notation. <i>Pattern Analysis and Applications</i> , 2019 , 22, 1573-1584	2.3	5
32	Exploiting Existing Modern Transcripts for Historical Handwritten Text Recognition 2016 ,		5
31	Computer-assisted transcription of a historical botanical specimen book 2014 ,		4
30	Evaluating an Interactive-Predictive Paradigm on Handwriting Transcription: A Case Study and Lessons Learned 2011 ,		4
29	Handwritten Text Recognition for Marriage Register Books 2011 ,		4
28	MULTIMODAL COMPUTER-ASSISTED TRANSCRIPTION OF TEXT IMAGES AT CHARACTER-LEVEL INTERACTION. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , 2012 , 26, 1263003	1.1	4
27	Transcribing a 17th-century botanical manuscript: Longitudinal evaluation of document layout detection and interactive transcription. <i>Digital Scholarship in the Humanities</i> , 2018 , 33, 173-202	0.6	4
26	Word graphs size impact on the performance of handwriting document applications. <i>Neural Computing and Applications</i> , 2017 , 28, 2477-2487	4.8	3
25	Handwriting Transcription and Keyword Spotting in Historical Daily Records Documents 2016 ,		3
24	Interactive Off-Line Handwritten Text Transcription Using On-Line Handwritten Text as Feedback 2013 ,		3
23	Estimating Confidence Measures for Speech Recognition Verification Using a~Smoothed Naive Bayes Model. <i>Lecture Notes in Computer Science</i> , 2003 , 910-918	0.9	3
22	Bilingual Text Classification. <i>Lecture Notes in Computer Science</i> , 2007 , 265-273	0.9	3
21	An Experimental Study of Pruning Techniques in Handwritten Text Recognition Systems. <i>Lecture Notes in Computer Science</i> , 2013 , 559-566	0.9	3
20	Information Extraction in Handwritten Marriage Licenses Books 2019 ,		3
19	Optical modelling and language modelling trade-off for Handwritten Text Recognition 2015 ,		2
18	Learning Finite-State Models for Machine Translation. <i>Lecture Notes in Computer Science</i> , 2004 , 3-15	0.9	2

17	Computer Assisted Transcription of Text Images 2011 , 61-98		2
16	A Bi-modal Handwritten Text Corpus: Baseline Results 2010 ,		1
15	Study of different interactive editing operations in an assisted transcription system 2011 ,		1
14	Different Approaches to Bilingual Text Classification Based on Grammatical Inference Techniques. <i>Lecture Notes in Computer Science</i> , 2005 , 630-637	0.9	1
13	Inference of Stochastic Finite-State Transducers Using N-Gram Mixtures. <i>Lecture Notes in Computer Science</i> , 2007 , 282-289	0.9	1
12	Introducing Additional Input Information into Interactive Machine Translation Systems. <i>Lecture Notes in Computer Science</i> , 284-295	0.9	1
11	A Novel Approach to Computer-Assisted Translation Based on Finite-State Transducers. <i>Lecture Notes in Computer Science</i> , 2006 , 32-42	0.9	1
10	Escritoire: A Multi-touch Desk with e-Pen Input for Capture, Management and Multimodal Interactive Transcription of Handwritten Documents. <i>Lecture Notes in Computer Science</i> , 2015 , 471-478	0.9	1
9	Information Extraction in Handwritten Marriage Licenses Books Using the MGGI Methodology. <i>Lecture Notes in Computer Science</i> , 2017 , 287-294	0.9	1
8	Computer Assisted Transcription: General Framework 2011 , 47-59		1
7	Computer Assisted Transcription of Speech Signals 2011 , 99-117		1
6	Information Extraction from Handwritten Tables in Historical Documents. <i>Lecture Notes in Computer Science</i> , 2022 , 184-198	0.9	1
5	Interactive Machine Translation 2011 , 135-152		0
4	Extensions to the AESA for Finding k-Nearest-Neighbours 1995 , 92-95		
3	Prototypes and Demonstrators 2011 , 227-266		
2	Character-Level Interaction in Multimodal Computer-Assisted Transcription of Text Images. <i>Lecture Notes in Computer Science</i> , 2011 , 684-691	0.9	
1	Multimodal Interactive Transcription of Ancient Text Images. <i>Communications in Computer and Information Science</i> , 2012 , 63-73	0.3	