Francisco Casacuberta

List of Publications by Citations

87	900	15	27
papers	citations	h-index	g-index
91	1,032	2.5	3.98
ext. papers	ext. citations	avg, IF	L-index

#	Paper	IF	Citations
87	Probabilistic finite-state machines--part I. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2005**, 27, 1013-25	13.3	133
86	Statistical Approaches to Computer-Assisted Translation. *Computational Linguistics*, **2009**, 35, 3-28	2.8	72
85	Machine Translation with Inferred Stochastic Finite-State Transducers. *Computational Linguistics*, **2004**, 30, 205-225	2.8	52
84	Probabilistic finite-state machines--part II. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **2005**, 27, 1026-39	13.3	42
83	Some approaches to statistical and finite-state speech-to-speech translation. *Computer Speech and Language*, **2004**, 18, 25-47	2.8	36
82	An analysis of general acoustic-phonetic features for Spanish speech produced with the Lombard effect. *Speech Communication*, **1996**, 20, 23-35	2.8	36
81	Interactive neural machine translation. *Computer Speech and Language*, **2017**, 45, 201-220	2.8	35
80	The EuTrans Spoken Language Translation System. *Machine Translation*, **2000**, 15, 75-103	1.1	31
79	Median strings for k-nearest neighbour classification. *Pattern Recognition Letters*, **2003**, 24, 173-181	4.7	26
78	Local languages, the succesor method, and a step towards a general methodology for the inference of regular grammars. *IEEE Transactions on Pattern Analysis and Machine Intelligence*, **1987**, 9, 841-5	13.3	23
77	Inference of finite-state transducers from regular languages. *Pattern Recognition*, **2005**, 38, 1431-1443	7.7	20
76	Interactive Pattern Recognition **2007**, 60-71		20
75	CASMACAT: An Open Source Workbench for Advanced Computer Aided Translation. *Prague Bulletin of Mathematical Linguistics*, **2013**, 100, 101-112	0.3	19
74	Computational Complexity of Problems on Probabilistic Grammars and Transducers. *Lecture Notes in Computer Science*, **2000**, 15-24	0.9	18
73	Human interaction for high-quality machine translation. *Communications of the ACM*, **2009**, 52, 135-138	2.5	16
72	Learning finite-state models for machine translation. *Machine Learning*, **2007**, 66, 69-91	4	15
71	Egocentric video description based on temporally-linked sequences. *Journal of Visual Communication and Image Representation*, **2018**, 50, 205-216	2.7	14

70	Improving on-line handwritten recognition in interactive machine translation. *Pattern Recognition*, **2014**, 47, 1217-1228	7.7	14
69	Interactive translation prediction versus conventional post-editing in practice: a study with the CasMaCat workbench. *Machine Translation*, **2014**, 28, 217-235	1.1	14
68	Computer-assisted translation using speech recognition. *IEEE Transactions on Audio Speech and Language Processing*, **2006**, 14, 941-951		14
67	Some Statistical-Estimation Methods for Stochastic Finite-State Transducers. *Machine Learning*, **2001**, 44, 121-141	4	14
66	Inference of Finite-State Transducers by Using Regular Grammars and Morphisms. *Lecture Notes in Computer Science*, **2000**, 1-14	0.9	14
65	A Syntactic Pattern Recognition Approach to Computer Assisted Translation. *Lecture Notes in Computer Science*, **2004**, 207-215	0.9	13
64	On the verification of triangle inequality by dynamic time-warping dissimilarity measures. *Speech Communication*, **1988**, 7, 67-79	2.8	13
63	GROWTH TRANSFORMATIONS FOR PROBABILISTIC FUNCTIONS OF STOCHASTIC GRAMMARS. *International Journal of Pattern Recognition and Artificial Intelligence*, **1996**, 10, 183-201	1.1	11
62	Online adaptation strategies for statistical machine translation in post-editing scenarios. *Pattern Recognition*, **2012**, 45, 3193-3203	7.7	10
61	Benign/malignant classifier of soft tissue tumors using MR imaging. *Magnetic Resonance Materials in Physics, Biology, and Medicine*, **2004**, 16, 194-201	2.8	10
60	FINITE STATE LANGUAGE MODELS SMOOTHED USING n-GRAMS. *International Journal of Pattern Recognition and Artificial Intelligence*, **2002**, 16, 275-289	1.1	10
59	Architectures for speech-to-speech translation using finite-state models **2002**,		10
58	Translating without in-domain corpus: Machine translation post-editing with online learning techniques. *Computer Speech and Language*, **2015**, 32, 109-134	2.8	9
57	Recent efforts in spoken language translation. *IEEE Signal Processing Magazine*, **2008**, 25, 80-88	9.4	9
56	NMT-Keras: a Very Flexible Toolkit with a Focus on Interactive NMT and Online Learning. *Prague Bulletin of Mathematical Linguistics*, **2018**, 111, 113-124	0.3	8
55	Dimensionality reduction methods for machine translation quality estimation. *Machine Translation*, **2013**, 27, 281-301	1.1	6
54	Segment-based interactive-predictive machine translation. *Machine Translation*, **2017**, 31, 163-185	1.1	6
53	Statistical phrase-based models for interactive computer-assisted translation **2006**,		6

52	Improving interactive machine translation via mouse actions **2008**,		6
51	CASMACAT: A Computer-assisted Translation Workbench **2014**,		5
50	Comparison between the Inside-Outside algorithm and the Viterbi algorithm for stochastic context-free grammars. *Lecture Notes in Computer Science*, **1996**, 50-59	0.9	5
49	Online learning for effort reduction in interactive neural machine translation. *Computer Speech and Language*, **2019**, 58, 98-126	2.8	4
48	On multimodal interactive machine translation using speech recognition **2011**,		4
47	An active learning scenario for interactive machine translation **2011**,		4
46	Iterative Contextual Recurrent Classification of Chromosomes. *Neural Processing Letters*, **2007**, 26, 159-175	2.4	4
45	Historical Documents Modernization. *Prague Bulletin of Mathematical Linguistics*, **2017**, 108, 295-306	0.3	4
44	The New Thot Toolkit for Fully-Automatic and Interactive Statistical Machine Translation **2014**,		4
43	Chromosome Classification Using Continuous Hidden Markov Models. *Lecture Notes in Computer Science*, **2003**, 494-501	0.9	4
42	Combining Embeddings of Input Data for Text Classification. *Neural Processing Letters*, **2020**, 53, 3123	2.4	4
41	Discriminative ridge regression algorithm for adaptation in statistical machine translation. *Pattern Analysis and Applications*, **2019**, 22, 1293-1305	2.3	3
40	Using Recurrent Neural Networks for Automatic Chromosome Classification. *Lecture Notes in Computer Science*, **2002**, 565-570	0.9	3
39	Online Learning of Log-Linear Weights in Interactive Machine Translation. *Communications in Computer and Information Science*, **2012**, 277-286	0.3	3
38	Phrase-Based Alignment Models for Statistical Machine Translation. *Lecture Notes in Computer Science*, **2005**, 605-613	0.9	3
37	Multi-input CNN for Text Classification in Commercial Scenarios. *Lecture Notes in Computer Science*, **2019**, 596-608	0.9	2
36	Cost-sensitive active learning for computer-assisted translation. *Pattern Recognition Letters*, **2014**, 37, 124-134	4.7	2
35	Multimodal interactive machine translation **2010**,		2

34	Interactive machine translation using a web-based architecture **2010**,		2
33	Speech Translation with Phrase Based Stochastic Finite-State Transducers **2007**,		2
32	Joining linguistic and statistical methods for Spanish-to-Basque speech translation. *Speech Communication*, **2008**, 50, 1021-1033	2.8	2
31	PATTERN RECOGNITION APPROACHES FOR SPEECH-TO-SPEECH TRANSLATION. *Cybernetics and Systems*, **2004**, 35, 3-17	1.9	2
30	Beyond Prefix-Based Interactive Translation Prediction **2016**,		2
29	GIATI: A General Methodology for Finite-State Translation Using Alignments. *Lecture Notes in Computer Science*, **2004**, 216-223	0.9	2
28	Learning Finite-State Models for Machine Translation. *Lecture Notes in Computer Science*, **2004**, 3-15	0.9	2
27	Modernizing historical documents: A user Study. *Pattern Recognition Letters*, **2020**, 133, 151-157	4.7	2
26	General Framework **2011**, 1-45		2
25	Improving translation quality stability using Bayesian predictive adaptation. *Computer Speech and Language*, **2015**, 34, 1-17	2.8	1
24	On the optimal decision rule for sequential interactive structured prediction. *Pattern Recognition Letters*, **2012**, 33, 2226-2231	4.7	1
23	GREAT: open source software for statistical machine translation. *Machine Translation*, **2011**, 25, 145-160	1.1	1
22	Maximum Entropy Modeling: A Suitable Framework to Learn Context-Dependent Lexicon Models for Statistical Machine Translation. *Machine Learning*, **2005**, 60, 135-158	4	1
21	Automatic Segmentation of Bilingual Corpora: A Comparison of Different Techniques. *Lecture Notes in Computer Science*, **2005**, 614-621	0.9	1
20	Statistical estimation of stochastic context-free grammars. *Pattern Recognition Letters*, **1995**, 16, 565-573	4.7	1
19	Neural Models for Measuring Confidence on Interactive Machine Translation Systems. *Applied Sciences (Switzerland)*, **2022**, 12, 1100	2.6	1
18	Inference of Stochastic Finite-State Transducers Using N-Gram Mixtures. *Lecture Notes in Computer Science*, **2007**, 282-289	0.9	1
17	Introducing Additional Input Information into Interactive Machine Translation Systems. *Lecture Notes in Computer Science*, 284-295	0.9	1