Alexander Gelbukh

List of Publications by Year in Descending Order

273 papers	3,857 citations	25 h-index	56 g-index
357 ext. papers	4,954 ext. citations	1.2 avg, IF	6.01 L-index

#	Paper	IF	Citations
273	Extending persian sentiment lexicon with idiomatic expressions for sentiment analysis. *Social Network Analysis and Mining*, **2022**, 12, 1	2.2	2
272	YouTube based religious hate speech and extremism detection dataset with machine learning baselines. *Journal of Intelligent and Fuzzy Systems*, **2022**, 42, 4769-4777	1.6	1
271	Fake News detection using n-grams for PAN@CLEF competition. *Journal of Intelligent and Fuzzy Systems*, **2022**, 42, 4633-4640	1.6	
270	Multi-label emotion classification of Urdu tweets.. *PeerJ Computer Science*, **2022**, 8, e896	2.7	2
269	Greedy Optimization Method for Extractive Summarization of Scientific Articles. *IEEE Access*, **2021**, 9, 168141-168153	3.5	1
268	Plagiarism Detection in StudentsÃAnswers Using FP-Growth Algorithm. *Lecture Notes in Computer Science*, **2021**, 153-162	0.9	0
267	Virality Prediction for News Tweets Using RoBERTa. *Lecture Notes in Computer Science*, **2021**, 81-95	0.9	1
266	Determining the Relationship Between the Letters in the Voynich Manuscript Splitting the Text into Parts. *Lecture Notes in Computer Science*, **2021**, 163-170	0.9	
265	Abusive language detection in youtube comments leveraging replies as conversational context. *PeerJ Computer Science*, **2021**, 7, e742	2.7	6
264	Improved Change Detection in Remote Sensed Images by Artificial Intelligence Techniques **2021**, 49, 2079-2092		2
263	Urdu Sentiment Analysis With Deep Learning Methods. *IEEE Access*, **2021**, 9, 97803-97812	3.5	14
262	CookingQA: Answering Questions and Recommending Recipes Based on Ingredients. *Arabian Journal for Science and Engineering*, **2021**, 46, 3701-3712	2.5	1
261	Issues in the Syntactic Parsing of Queries for a Natural Language Interface to Databases. *Advances in Computational Intelligence and Robotics Book Series*, **2021**, 157-179	0.4	
260	Scientific Text Entailment and a Textual-Entailment-based framework for cooking domain question answering. *Sadhana - Academy Proceedings in Engineering Sciences*, **2021**, 46, 1	1	2
259	Transformer-Based Extractive Social Media Question Answering on TweetQA. *Computacion Y Sistemas*, **2021**, 25,	1.4	3
258	Recognizing Emotion Cause in Conversations. *Cognitive Computation*, **2021**, 13, 1317	4.4	4
257	Leveraging label hierarchy using transfer and multi-task learning: A case study on patent classification. *Neurocomputing*, **2021**, 464, 421-431	5.4	0

256	Threatening Language Detection and Target Identification in Urdu Tweets. *IEEE Access*, **2021**, 9, 128302-128313	3.5	1
255	A study of lexical function detection with word2vec and supervised machine learning. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 1993-2001	1.6	5
254	Bend the truth☐Benchmark dataset for fake news detection in Urdu language and its evaluation. *Journal of Intelligent and Fuzzy Systems*, **2020**, 39, 2457-2469	1.6	7
253	UrduFake@FIRE2020: Shared Track on Fake News Identification in Urdu **2020**,		3
252	Question Classification and Answer Extraction for Developing a Cooking QA System. *Computacion Y Sistemas*, **2020**, 24,	1.4	2
251	Highly Language-Independent Word Lemmatization Using a Machine-Learning Classifier. *Computacion Y Sistemas*, **2020**, 24,	1.4	3
250	A Lexico-Syntactic-Semantic Approach to Recognizing Textual Entailment. *Advances in Computational Intelligence and Robotics Book Series*, **2020**, 187-227	0.4	1
249	Sentiment Detection in Economics Texts. *Lecture Notes in Computer Science*, **2020**, 271-281	0.9	2
248	Individual vs. Group Violent Threats Classification in Online Discussions **2020**,		5
247	PerSent 2.0: Persian Sentiment Lexicon Enriched with Domain-Specific Words. *Lecture Notes in Computer Science*, **2020**, 497-509	0.9	3
246	A Multiclass Depression Detection in Social Media Based on Sentiment Analysis. *Advances in Intelligent Systems and Computing*, **2020**, 659-662	0.4	10
245	Topic-Based Image Caption Generation. *Arabian Journal for Science and Engineering*, **2020**, 45, 3025-3034	2.5	2
244	Automatic prediction of citability of scientific articles by stylometry of their titles and abstracts. *Scientometrics*, **2020**, 125, 3187-3232	3	2
243	Improving aspect-level sentiment analysis with aspect extraction. *Neural Computing and Applications*, **2020**, 1	4.8	7
242	Analysis on application of swarm-based techniques in processing remote sensed data. *Earth Science Informatics*, **2020**, 13, 97-113	2.5	2
241	Recent trends in deep learning based personality detection. *Artificial Intelligence Review*, **2020**, 53, 2313-2339	9.7	75
240	Artificial bee colony algorithm in data flow testing for optimal test suite generation. *International Journal of Systems Assurance Engineering and Management*, **2020**, 11, 340-349	1.3	7
239	DialogueRNN: An Attentive RNN for Emotion Detection in Conversations. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 6818-6825	5	98

238	Medical events extraction to analyze clinical records with conditional random fields. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 4633-4643	1.6	1
237	A convolutional neural network approach for gender and language variety identification. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 4845-4855	1.6	5
236	Generating image captions through multimodal embedding. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 4787-4796	1.6	1
235	Short-answer grading using textual entailment. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 4909-4919	1.6	2
234	Binary vector transformation of math formula for mathematical information retrieval. *Journal of Intelligent and Fuzzy Systems*, **2019**, 36, 4685-4695	1.6	7
233	. *IEEE Computational Intelligence Magazine*, **2019**, 14, 41-53	5.6	8
232	Sentiment and Sarcasm Classification With Multitask Learning. *IEEE Intelligent Systems*, **2019**, 34, 38-43	4.2	95
231	Detection of Adverse Drug Reaction in Tweets Using a Combination of Heterogeneous Word Embeddings **2019**,		3
230	Lexical Function Identification Using Word Embeddings and Deep Learning. *Lecture Notes in Computer Science*, **2019**, 77-86	0.9	
229	Adam Kilgarriff's Legacy to Computational Linguistics and Beyond. *Lecture Notes in Computer Science*, **2018**, 3-25	0.9	7
228	Plagiarism Detection with Genetic-Based Parameter Tuning. *International Journal of Pattern Recognition and Artificial Intelligence*, **2018**, 32, 1860006	1.1	2
227	Multimodal sentiment analysis using hierarchical fusion with context modeling. *Knowledge-Based Systems*, **2018**, 161, 124-133	7.3	118
226	Multiword Expressions (MWE) for Mizo Language: Literature Survey. *Lecture Notes in Computer Science*, **2018**, 623-635	0.9	1
225	A simple hybrid approach to recognizing textual entailment. *Journal of Intelligent and Fuzzy Systems*, **2018**, 34, 2873-2885	1.6	2
224	Improving the Boilerpipe Algorithm for Boilerplate Removal in News Articles Using HTML Tree Structure. *Computacion Y Sistemas*, **2018**, 22,	1.4	3
223	A Formula Embedding Approach to Math Information Retrieval. *Computacion Y Sistemas*, **2018**, 22,	1.4	8
222	Designing an Ontology for Physical Exercise Actions. *Lecture Notes in Computer Science*, **2018**, 354-362	0.9	1
221	Exploring the Context of Lexical Functions. *Lecture Notes in Computer Science*, **2018**, 57-69	0.9	1

202   Sentiment analysis and opinion mining: Keynote address **2017**,   1

201   MathIRs: Retrieval System for Scientific Documents. *Computacion Y Sistemas*, **2017**, 21,   1.4   8

200   CookingQA: A Question Answering System Based on Cooking Ontology. *Lecture Notes in Computer Science*, **2017**, 67-78   0.9   3

199   Generating a Logical Structure for Virtualizing Physiotherapy Instructions Through NLP. *Lecture Notes in Computer Science*, **2017**, 513-523   0.9

198   **2016**,   1

197   Aspect extraction for opinion mining with a deep convolutional neural network. *Knowledge-Based Systems*, **2016**, 108, 42-49   7.3   453

196   Mathematical properties of soft cardinality: Enhancing Jaccard, Dice and cosine similarity measures with element-wise distance. *Information Sciences*, **2016**, 367-368, 373-389   7.7   19

195   JUNITMZ at SemEval-2016 Task 1: Identifying Semantic Similarity Using Levenshtein Ratio **2016**,   3

194   Question Answering System for Frequently Asked Questions **2016**, 129-133   2

193   Open Information Extraction from real Internet texts in Spanish using constraints over part-of-speech sequences: Problems of the method, their causes, and ways for improvement. *Revista Signos*, **2016**, 49, 119-142   0.6   4

192   PerSent: A Freely Available Persian Sentiment Lexicon. *Lecture Notes in Computer Science*, **2016**, 310-320   0.9   20

191   Semantic Textual Similarity Methods, Tools, and Applications: A Survey. *Computacion Y Sistemas*, **2016**, 20,   1.4   20

190   Automatic Authorship Detection Using Textual Patterns Extracted from Integrated Syntactic Graphs. *Sensors*, **2016**, 16,   3.8   20

189   Identification of Rules for Recognition of Named Entity Classes in Mizo Language **2016**,   4

188   Assessing Context for Extraction of Near Synonyms from Product Reviews in Spanish. *Lecture Notes in Computer Science*, **2016**, 125-133   0.9

187   Multilingual Sentiment Analysis: State of the Art and Independent Comparison of Techniques. *Cognitive Computation*, **2016**, 8, 757-771   4.4   111

186   Mining Parallel Resources for Machine Translation from Comparable Corpora. *Lecture Notes in Computer Science*, **2015**, 534-544   0.9   2

185   Sentiment Data Flow Analysis by Means of Dynamic Linguistic Patterns. *IEEE Computational Intelligence Magazine*, **2015**, 10, 26-36   5.6   97

184	Adaptive Algorithm for Plagiarism Detection: The Best-Performing Approach at PAN 2014 Text Alignment Competition. *Lecture Notes in Computer Science*, **2015**, 402-413	0.9	9
183	**2015**,		8
182	Advances in Swarm and Computational Intelligence. *Lecture Notes in Computer Science*, **2015**,	0.9	2
181	Analysis of Negation Cues for Semantic Orientation Classification of Reviews in Spanish. *Lecture Notes in Computer Science*, **2015**, 105-120	0.9	1
180	Concept-Level Sentiment Analysis with Dependency-Based Semantic Parsing: A Novel Approach. *Cognitive Computation*, **2015**, 7, 487-499	4.4	81
179	Wikipedia-based Learning Path Generation. *Computacion Y Sistemas*, **2015**, 19,	1.4	3
178	Recognizing Textual Entailment by Soft Dependency Tree Matching. *Computacion Y Sistemas*, **2015**, 19,	1.4	5
177	Deep Convolutional Neural Network Textual Features and Multiple Kernel Learning for Utterance-level Multimodal Sentiment Analysis **2015**,		180
176	Modelling Public Sentiment in Twitter: Using Linguistic Patterns to Enhance Supervised Learning. *Lecture Notes in Computer Science*, **2015**, 49-65	0.9	34
175	Measuring Non-compositionality of Verb-Noun Collocations Using Lexical Functions and WordNet Hypernyms. *Lecture Notes in Computer Science*, **2015**, 3-25	0.9	
174	Is the Most Frequent Sense of a Word Better Connected in a Semantic Network?. *Lecture Notes in Computer Science*, **2015**, 491-499	0.9	1
173	A New Disagreement Measure for Characterization of Classification Problems. *Lecture Notes in Computer Science*, **2015**, 137-144	0.9	
172	Nature-Inspired Computation and Machine Learning. *Lecture Notes in Computer Science*, **2014**,	0.9	2
171	Advances in Signal Processing and Intelligent Recognition Systems. *Advances in Intelligent Systems and Computing*, **2014**,	0.4	7
170	EmoSenticSpace: A novel framework for affective common-sense reasoning. *Knowledge-Based Systems*, **2014**, 69, 108-123	7.3	100
169	Syntactic N-grams as machine learning features for natural language processing. *Expert Systems With Applications*, **2014**, 41, 853-860	7.8	139
168	Soft Similarity and Soft Cosine Measure: Similarity of Features in Vector Space Model. *Computacion Y Sistemas*, **2014**, 18,	1.4	106
167	Dependency-Based Semantic Parsing for Concept-Level Text Analysis. *Lecture Notes in Computer Science*, **2014**, 113-127	0.9	32

166	Statistical Relational Learning to Recognise Textual Entailment. *Lecture Notes in Computer Science*, **2014**, 330-339	0.9	2
165	Dependency Tree-Based Rules for Concept-Level Aspect-Based Sentiment Analysis. *Communications in Computer and Information Science*, **2014**, 41-47	0.3	14
164	Extraction of Semantic Relations from Opinion Reviews in Spanish. *Lecture Notes in Computer Science*, **2014**, 175-190	0.9	2
163	Graph Ranking on Maximal Frequent Sequences for Single Extractive Text Summarization. *Lecture Notes in Computer Science*, **2014**, 466-480	0.9	3
162	Open Information Extraction for Spanish Language based on Syntactic Constraints **2014**,		4
161	A Rule-Based Approach to Aspect Extraction from Product Reviews **2014**,		114
160	Generación de resúmenes por medio de síntesis de grafos conceptuales. *Revista Signos*, **2014**, 47, 463-485	0.6	5
159	An IR-Based Strategy for Supporting Chinese-Portuguese Translation Services in Off-line Mode. *Lecture Notes in Computer Science*, **2014**, 324-330	0.9	
158	Finding the Most Frequent Sense of a Word by the Length of Its Definition. *Lecture Notes in Computer Science*, **2014**, 1-8	0.9	
157	Enhanced SenticNet with Affective Labels for Concept-Based Opinion Mining. *IEEE Intelligent Systems*, **2013**, 28, 31-38	4.2	162
156	Advances in Soft Computing and Its Applications. *Lecture Notes in Computer Science*, **2013**,	0.9	2
155	Music Genre Classification: A Semi-supervised Approach. *Lecture Notes in Computer Science*, **2013**, 254-263	0.9	15
154	Summarizing Conceptual Graphs for Automatic Summarization Task. *Lecture Notes in Computer Science*, **2013**, 245-253	0.9	7
153	Empirical Study of Machine Learning Based Approach for Opinion Mining in Tweets. *Lecture Notes in Computer Science*, **2013**, 1-14	0.9	38
152	Semantic Analysis of Verbal Collocations with Lexical Functions. *Studies in Computational Intelligence*, **2013**,	0.8	3
151	Natutal language processing: Perspective of CIC-IPN **2013**,		2
150	Big Data Analytics: Perspective Shifting from Transactions to Ecosystems. *IEEE Intelligent Systems*, **2013**, 28, 2-5	4.2	18
149	Syntactic Dependency-Based N-grams: More Evidence of Usefulness in Classification. *Lecture Notes in Computer Science*, **2013**, 13-24	0.9	11

130	Age-Related Temporal Phrases in Spanish and French. *Lecture Notes in Computer Science*, **2011**, 370-381	0.9	
129	Answer Validation Using Textual Entailment. *Lecture Notes in Computer Science*, **2011**, 353-364	0.9	3
128	A Statistics-Based Semantic Textual Entailment System. *Lecture Notes in Computer Science*, **2011**, 267-276	.9	3
127	Dependency Parser Based Textual Entailment System **2010**,		4
126	A Syntactic Textual Entailment System Based on Dependency Parser. *Lecture Notes in Computer Science*, **2010**, 269-278	0.9	5
125	A hybrid textual entailment system using lexical and syntactic features **2010**,		3
124	Textual Entailment and anaphora resolution **2010**,		10
123	Automatic Answer Validation System on English language **2010**,		4
122	Unsupervised WSD by Finding the Predominant Sense Using Context as a Dynamic Thesaurus. *Journal of Computer Science and Technology*, **2010**, 25, 1030-1039	1.7	4
121	Automatic Term Extraction Using Log-Likelihood Based Comparison with General Reference Corpus. *Lecture Notes in Computer Science*, **2010**, 248-255	0.9	12
120	Text Comparison Using Soft Cardinality. *Lecture Notes in Computer Science*, **2010**, 297-302	0.9	7
119	Music Composition Based on Linguistic Approach. *Lecture Notes in Computer Science*, **2010**, 117-128	0.9	1
118	Recognizing Textual Entailment Using a Machine Learning Approach. *Lecture Notes in Computer Science*, **2010**, 177-185	0.9	7
117	Supervised Machine Learning for Predicting the Meaning of Verb-Noun Combinations in Spanish. *Lecture Notes in Computer Science*, **2010**, 196-207	0.9	4
116	Extracting Human Spanish Nouns. *Lecture Notes in Computer Science*, **2010**, 75-83	0.9	
115	Information Retrieval with a Simplified Conceptual Graph-Like Representation. *Lecture Notes in Computer Science*, **2010**, 92-104	0.9	1
114	Hybrid Algorithm for Word-Level Alignment of Parallel Texts. *Lecture Notes in Computer Science*, **2010**, 293-294	0.9	
113	Supervised Learning for Semantic Classification of Spanish Collocations. *Lecture Notes in Computer Science*, **2010**, 362-371	0.9	6

112	Recognizing Textual Entailment with Statistical Methods. *Lecture Notes in Computer Science*, **2010**, 372-381	0.9	3
111	Assessing Context for Age-Related Spanish Temporal Phrases. *Lecture Notes in Computer Science*, **2010**, 92-102	0.9	2
110	Generalized Mongue-Elkan Method for Approximate Text String Comparison. *Lecture Notes in Computer Science*, **2009**, 559-570	0.9	13
109	Adaptive evolution **2009**,		2
108	Comparing Commercial Tools and State-of-the-Art Methods for Generating Text Summaries **2009**,		5
107	Web-Based Variant of the Lesk Approach to Word Sense Disambiguation **2009**,		6
106	NLP for Shallow Question Answering of Legal Documents Using Graphs. *Lecture Notes in Computer Science*, **2009**, 498-508	0.9	8
105	Elitistic Evolution: An Efficient Heuristic for Global Optimization. *Lecture Notes in Computer Science*, **2009**, 171-182	0.9	2
104	Supervised Recognition of Age-Related Spanish Temporal Phrases. *Lecture Notes in Computer Science*, **2009**, 145-156	0.9	
103	Incorporating Linguistic Information to Statistical Word-Level Alignment. *Lecture Notes in Computer Science*, **2009**, 387-394	0.9	
102	Social Data Mining to Improve Bioinspired Intelligent Systems **2008**,		3
101	Division of Spanish Words into Morphemes with a Genetic Algorithm. *Lecture Notes in Computer Science*, **2008**, 19-26	0.9	1
100	Various Criteria of Collocation Cohesion in Internet: Comparison of Resolving Power **2008**, 64-72		2
99	Improving Unsupervised WSD with a Dynamic Thesaurus. *Lecture Notes in Computer Science*, **2008**, 201-210	0.9	1
98	Using Graphs for Shallow Question Answering on Legal Documents. *Lecture Notes in Computer Science*, **2008**, 165-173	0.9	4
97	Terms Derived from Frequent Sequences for Extractive Text Summarization **2008**, 593-604		13
96	Text Summarization by Sentence Extraction Using Unsupervised Learning. *Lecture Notes in Computer Science*, **2008**, 133-143	0.9	7
95	Complex named entities in Spanish texts. *Lingvisticae Investigationes*, **2007**, 30, 69-94	0.1	0

94	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2007**,	0.9	1
93	Lexical-Based Alignment for Reconstruction of Structure in Parallel Texts. *Lecture Notes in Computer Science*, **2007**, 401-406	0.9	
92	Two Methods of Evaluation of Semantic Similarity of Nouns Based on Their Modifier Sets. *Lecture Notes in Computer Science*, **2007**, 414-419	0.9	2
91	A Rule-Based System for Assessing Consistency Between UML Models **2007**, 215-224		2
90	Web-Based Model for Disambiguation of Prepositional Phrase Usage **2007**, 922-932		
89	Distribution-Based Semantic Similarity of Nouns **2007**, 704-713		
88	Case-Sensitivity of Classifiers for WSD: Complex Systems Disambiguate Tough Words Better. *Lecture Notes in Computer Science*, **2007**, 253-266	0.9	1
87	Prepositions and Conjunctions in a Natural Language Interfaces to Databases. *Lecture Notes in Computer Science*, **2007**, 173-182	0.9	
86	Improving the Customization of Natural Language Interface to Databases Using an Ontology **2007**, 424-435		
85	Pre-conceptual Schema: A Conceptual-Graph-Like Knowledge Representation for Requirements Elicitation. *Lecture Notes in Computer Science*, **2006**, 27-37	0.9	7
84	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2006**,	0.9	4
83	PPChecker: Plagiarism Pattern Checker in Document Copy Detection. *Lecture Notes in Computer Science*, **2006**, 661-667	0.9	27
82	Paragraph-Level Alignment of an English-Spanish Parallel Corpus of Fiction Texts Using Bilingual Dictionaries. *Lecture Notes in Computer Science*, **2006**, 61-67	0.9	2
81	Defining Classifier Regions for WSD Ensembles Using Word Space Features. *Lecture Notes in Computer Science*, **2006**, 855-867	0.9	2
80	A Bilingual Corpus of Novels Aligned at Paragraph Level. *Lecture Notes in Computer Science*, **2006**, 16-23	0.9	
79	Studying Evolution of a Branch of Knowledge by Constructing and Analyzing Its Ontology. *Lecture Notes in Computer Science*, **2006**, 37-45	0.9	5
78	DILUCT: An Open-Source Spanish Dependency Parser Based on Rules, Heuristics, and Selectional Preferences. *Lecture Notes in Computer Science*, **2006**, 164-175	0.9	4
77	Alignment of Paragraphs in Bilingual Texts Using Bilingual Dictionaries and Dynamic Programming. *Lecture Notes in Computer Science*, **2006**, 824-833	0.9	2

76	MICAI 2006: Advances in Artificial Intelligence. *Lecture Notes in Computer Science*, **2006**,	0.9	2
75	Evolutionary Method for Nonlinear Systems of Equations. *Lecture Notes in Computer Science*, **2006**, 283-293	0.9	2
74	Natural language processing **2005**,		11
73	An Approach to Clustering Abstracts. *Lecture Notes in Computer Science*, **2005**, 275-285	0.9	19
72	On Some Optimization Heuristics for Lesk-Like WSD Algorithms. *Lecture Notes in Computer Science*, **2005**, 402-405	0.9	8
71	Unsupervised Learning of P NP P Word Combinations. *Lecture Notes in Computer Science*, **2005**, 337-340	0.9	
70	Combining Sources of Evidence for Recognition of Relevant Passages in Texts. *Lecture Notes in Computer Science*, **2005**, 283-290	0.9	
69	Distributional Thesaurus Versus WordNet: A Comparison of Backoff Techniques for Unsupervised PP Attachment. *Lecture Notes in Computer Science*, **2005**, 177-188	0.9	5
68	Experiment on Combining Sources of Evidence for Passage Retrieval. *Lecture Notes in Computer Science*, **2005**, 628-631	0.9	
67	Towards the Automatic Learning of Idiomatic Prepositional Phrases. *Lecture Notes in Computer Science*, **2005**, 780-789	0.9	1
66	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2005**,	0.9	2
65	Detection and Correction of Malapropisms in Spanish by Means of Internet Search. *Lecture Notes in Computer Science*, **2005**, 115-122	0.9	6
64	Hybrid Particle Swarm Evolutionary Algorithm for Search and Optimization. *Lecture Notes in Computer Science*, **2005**, 623-632	0.9	5
63	Evolutionary Multiobjective Optimization Approach for Evolving Ensemble of Intelligent Paradigms for Stock Market Modeling. *Lecture Notes in Computer Science*, **2005**, 673-681	0.9	10
62	A Domain Independent Natural Language Interface to Databases Capable of Processing Complex Queries. *Lecture Notes in Computer Science*, **2005**, 833-842	0.9	3
61	Synonymous Paraphrasing Using WordNet and Internet. *Lecture Notes in Computer Science*, **2004**, 312-323	0.9	20
60	Automatic Enrichment of Very Large Dictionary of Word Combinations on the Basis of Dependency Formalism. *Lecture Notes in Computer Science*, **2004**, 430-437	0.9	7
59	Detecting Inflection Patterns in Natural Language by Minimization of Morphological Model. *Lecture Notes in Computer Science*, **2004**, 432-438	0.9	9

58	Automatic Syntactic Analysis for Detection of Word Combinations. *Lecture Notes in Computer Science*, **2004**, 243-247	0.9	2
57	On Correction of Semantic Errors in Natural Language Texts with a Dictionary of Literal Paronyms. *Lecture Notes in Computer Science*, **2004**, 105-114	0.9	4
56	Web-Based Sources for an Annotated Corpus Building and Composite Proper Name Identification. *Lecture Notes in Computer Science*, **2004**, 115-124	0.9	
55	Resolving Ambiguities in Toponym Recognition in Cartographic Maps. *Lecture Notes in Computer Science*, **2004**, 75-86	0.9	7
54	Unsupervised Learning of Ontology-Linked Selectional Preferences. *Lecture Notes in Computer Science*, **2004**, 418-424	0.9	1
53	Automatic Evaluation of Quality of an Explanatory Dictionary by Comparison of Word Senses. *Lecture Notes in Computer Science*, **2004**, 556-562	0.9	
52	Extracting Semantic Categories of Nouns for Syntactic Disambiguation from Human-Oriented Explanatory Dictionaries. *Lecture Notes in Computer Science*, **2004**, 258-261	0.9	2
51	Acquiring Selectional Preferences from Untagged Text for Prepositional Phrase Attachment Disambiguation. *Lecture Notes in Computer Science*, **2004**, 207-216	0.9	2
50	Recognition of Named Entities in Spanish Texts. *Lecture Notes in Computer Science*, **2004**, 420-429	0.9	5
49	Advanced Relevance Feedback Query Expansion Strategy for Information Retrieval in MEDLINE. *Lecture Notes in Computer Science*, **2004**, 425-431	0.9	1
48	Balancing Manual and Automatic Indexing for Retrieval of Paper Abstracts. *Lecture Notes in Computer Science*, **2004**, 203-210	0.9	
47	Identification of Composite Named Entities in a Spanish Textual Database. *Lecture Notes in Computer Science*, **2004**, 395-400	0.9	1
46	Advanced Clustering Technique for Medical Data Using Semantic Information. *Lecture Notes in Computer Science*, **2004**, 322-331	0.9	1
45	Clustering Abstracts Instead of Full Texts. *Lecture Notes in Computer Science*, **2004**, 129-135	0.9	15
44	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2004**,	0.9	9
43	Stable Coordinated Pairs in Text Processing. *Lecture Notes in Computer Science*, **2003**, 27-34	0.9	8
42	Approach to Construction of Automatic Morphological Analysis Systems for Inflective Languages with Little Effort. *Lecture Notes in Computer Science*, **2003**, 215-220	0.9	22
41	Improving Prepositional Phrase Attachment Disambiguation Using the Web as Corpus. *Lecture Notes in Computer Science*, **2003**, 604-610	0.9	11

40	Tool for Computer-Aided Spanish Word Sense Disambiguation. *Lecture Notes in Computer Science*, **2003**, 277-280	0.9	2
39	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2003**,	0.9	14
38	A Portable Natural Language Interface for Diverse Databases Using Ontologies. *Lecture Notes in Computer Science*, **2003**, 494-505	0.9	3
37	Text Mining at Detail Level Using Conceptual Graphs. *Lecture Notes in Computer Science*, **2002**, 122-136	0.9	13
36	Spanish Natural Language Interface for a Relational Database Querying System. *Lecture Notes in Computer Science*, **2002**, 123-130	0.9	5
35	Computational Linguistics and Intelligent Text Processing. *Lecture Notes in Computer Science*, **2002**,	0.9	4
34	On fast path-finding algorithms in AND-OR graphs. *Mathematical Problems in Engineering*, **2002**, 8, 283-293	0.9	4
33	Relational Data Model in Document Hierarchical Indexing. *Lecture Notes in Computer Science*, **2002**, 259-262	0.9	
32	Automatic Selection of Defining Vocabulary in an Explanatory Dictionary. *Lecture Notes in Computer Science*, **2002**, 300-303	0.9	1
31	On Semantic Classification of Modifiers. *Lecture Notes in Computer Science*, **2002**, 172-182	0.9	
30	Quantitative Comparison of Homonymy in Spanish EuroWordNet and Traditional Dictionaries. *Lecture Notes in Computer Science*, **2002**, 280-284	0.9	
29	Heuristics-Based Replenishment of Collocation Databases. *Lecture Notes in Computer Science*, **2002**, 25-32	0.9	6
28	Compilation of a Spanish Representative Corpus. *Lecture Notes in Computer Science*, **2002**, 285-288	0.9	8
27	Detecting Deviations in Text Collections: An Approach Using Conceptual Graphs. *Lecture Notes in Computer Science*, **2002**, 176-184	0.9	6
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