

# Alexander Gelbukh

## List of Publications by Citations

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273  
papers

3,857  
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25  
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ext. papers

4,954  
ext. citations

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avg, IF

6.01  
L-index

| #   | Paper  | IF  | Citations |
|-----|--|-----|-----------|
| 273 | Aspect extraction for opinion mining with a deep convolutional neural network. <i>Knowledge-Based Systems</i> , <b>2016</b> , 108, 42-49                                 | 7.3 | 453       |
| 272 | . <i>IEEE Intelligent Systems</i> , <b>2017</b> , 32, 74-79  | 4.2 | 228       |
| 271 | Sentiment Analysis Is a Big Suitcase. <i>IEEE Intelligent Systems</i> , <b>2017</b> , 32, 74-80  | 4.2 | 209       |
| 270 | Deep Convolutional Neural Network Textual Features and Multiple Kernel Learning for Utterance-level Multimodal Sentiment Analysis <b>2015</b> ,                          |     | 180       |
| 269 | Enhanced SenticNet with Affective Labels for Concept-Based Opinion Mining. <i>IEEE Intelligent Systems</i> , <b>2013</b> , 28, 31-38                                     | 4.2 | 162       |
| 268 | Syntactic N-grams as machine learning features for natural language processing. <i>Expert Systems With Applications</i> , <b>2014</b> , 41, 853-860                      | 7.8 | 139       |
| 267 | Multimodal sentiment analysis using hierarchical fusion with context modeling. <i>Knowledge-Based Systems</i> , <b>2018</b> , 161, 124-133                               | 7.3 | 118       |
| 266 | A Rule-Based Approach to Aspect Extraction from Product Reviews <b>2014</b> ,  |     | 114       |
| 265 | Multilingual Sentiment Analysis: State of the Art and Independent Comparison of Techniques. <i>Cognitive Computation</i> , <b>2016</b> , 8, 757-771                      | 4.4 | 111       |
| 264 | Soft Similarity and Soft Cosine Measure: Similarity of Features in Vector Space Model. <i>Computacion Y Sistemas</i> , <b>2014</b> , 18,                                 | 1.4 | 106       |
| 263 | EmoSenticSpace: A novel framework for affective common-sense reasoning. <i>Knowledge-Based Systems</i> , <b>2014</b> , 69, 108-123                                       | 7.3 | 100       |
| 262 | DialogueRNN: An Attentive RNN for Emotion Detection in Conversations. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , <b>2019</b> , 33, 6818-6825 | 5   | 98        |
| 261 | Sentiment Data Flow Analysis by Means of Dynamic Linguistic Patterns. <i>IEEE Computational Intelligence Magazine</i> , <b>2015</b> , 10, 26-36                          | 5.6 | 97        |
| 260 | Sentiment and Sarcasm Classification With Multitask Learning. <i>IEEE Intelligent Systems</i> , <b>2019</b> , 34, 38-43  | 4.2 | 95        |
| 259 | Concept-Level Sentiment Analysis with Dependency-Based Semantic Parsing: A Novel Approach. <i>Cognitive Computation</i> , <b>2015</b> , 7, 487-499                       | 4.4 | 81        |
| 258 | Recent trends in deep learning based personality detection. <i>Artificial Intelligence Review</i> , <b>2020</b> , 53, 2313-2339  | 9.7 | 75        |
| 257 | Multimodal Sentiment Analysis: Addressing Key Issues and Setting Up the Baselines. <i>IEEE Intelligent Systems</i> , <b>2018</b> , 33, 17-25                             | 4.2 | 70        |

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|-----|--|-----|----|
| 256 | Enriching SenticNet Polarity Scores through Semi-Supervised Fuzzy Clustering <b>2012</b> ,   |     | 42 |
| 255 | Merging SenticNet and WordNet-Affect emotion lists for sentiment analysis <b>2012</b> ,  |     | 42 |
| 254 | Empirical Study of Machine Learning Based Approach for Opinion Mining in Tweets. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 1-14   | 0.9 | 38 |
| 253 | Modelling Public Sentiment in Twitter: Using Linguistic Patterns to Enhance Supervised Learning. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 49-65                              | 0.9 | 34 |
| 252 | Dependency-Based Semantic Parsing for Concept-Level Text Analysis. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 113-127  | 0.9 | 32 |
| 251 | Flexible Comparison of Conceptual Graphs*. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 102-111  | 0.9 | 32 |
| 250 | PPChecker: Plagiarism Pattern Checker in Document Copy Detection. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 661-667   | 0.9 | 27 |
| 249 | Syntactic Dependency-Based N-grams as Classification Features. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 1-11   | 0.9 | 26 |
| 248 | Information Retrieval with Conceptual Graph Matching. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 312-320.  | 0.9 | 23 |
| 247 | Common Sense Knowledge Based Personality Recognition from Text. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 484-496   | 0.9 | 23 |
| 246 | Approach to Construction of Automatic Morphological Analysis Systems for Inflective Languages with Little Effort. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 215-220           | 0.9 | 22 |
| 245 | Zipf and Heaps Laws Coefficients Depend on Language. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 332-335.   | 0.9 | 21 |
| 244 | Synonymous Paraphrasing Using WordNet and Internet. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 312-323.  | 0.9 | 20 |
| 243 | Comparison of Conceptual Graphs. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 548-556  | 0.9 | 20 |
| 242 | PerSent: A Freely Available Persian Sentiment Lexicon. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 310-320.   | 0.9 | 20 |
| 241 | Semantic Textual Similarity Methods, Tools, and Applications: A Survey. <i>Computacion Y Sistemas</i> , <b>2016</b> , 20,  | 1.4 | 20 |
| 240 | Automatic Authorship Detection Using Textual Patterns Extracted from Integrated Syntactic Graphs. <i>Sensors</i> , <b>2016</b> , 16,   | 3.8 | 20 |
| 239 | Mathematical properties of soft cardinality: Enhancing Jaccard, Dice and cosine similarity measures with element-wise distance. <i>Information Sciences</i> , <b>2016</b> , 367-368, 373-389 | 7.7 | 19 |

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|-----|---|-----|----|
| 238 | An Approach to Clustering Abstracts. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 275-285   | 0.9 | 19 |
| 237 | Big Data Analytics: Perspective Shifting from Transactions to Ecosystems. <i>IEEE Intelligent Systems</i> , <b>2013</b> , 28, 2-5                               | 4.2 | 18 |
| 236 | Music Genre Classification: A Semi-supervised Approach. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 254-263  | 0.9 | 15 |
| 235 | Semantic Textual Entailment Recognition using UNL. <i>Polibits</i> , <b>43</b> , 23-27  |     | 15 |
| 234 | Clustering Abstracts Instead of Full Texts. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 129-135  | 0.9 | 15 |
| 233 | Dependency Tree-Based Rules for Concept-Level Aspect-Based Sentiment Analysis. <i>Communications in Computer and Information Science</i> , <b>2014</b> , 41-47  | 0.3 | 14 |
| 232 | Urdu Sentiment Analysis With Deep Learning Methods. <i>IEEE Access</i> , <b>2021</b> , 9, 97803-97812   | 3.5 | 14 |
| 231 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2003</b> ,   | 0.9 | 14 |
| 230 | Use of a Weighted Topic Hierarchy for Document Classification. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 133-138                                 | 0.9 | 14 |
| 229 | Cross-domain deception detection using support vector networks. <i>Soft Computing</i> , <b>2017</b> , 21, 585-595   | 3.5 | 13 |
| 228 | Generalized Mongue-Elkan Method for Approximate Text String Comparison. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 559-570                        | 0.9 | 13 |
| 227 | Text Mining at Detail Level Using Conceptual Graphs. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 122-136   | 0.9 | 13 |
| 226 | Terms Derived from Frequent Sequences for Extractive Text Summarization <b>2008</b> , 593-604   |     | 13 |
| 225 | Fuzzy Clustering for Semi-supervised Learning [Case Study: Construction of an Emotion Lexicon. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 73-86   | 0.9 | 13 |
| 224 | A Very Large Database of Collocations and Semantic Links. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 103-114                                      | 0.9 | 13 |
| 223 | Automatic Term Extraction Using Log-Likelihood Based Comparison with General Reference Corpus. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 248-255 | 0.9 | 12 |
| 222 | Natural language processing <b>2005</b> ,   |     | 11 |
| 221 | Improving Prepositional Phrase Attachment Disambiguation Using the Web as Corpus. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 604-610              | 0.9 | 11 |

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|-----|--|-----|----|
| 220 | Syntactic Dependency-Based N-grams: More Evidence of Usefulness in Classification. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 13-24  | 0.9 | 11 |
| 219 | Textual Entailment and anaphora resolution <b>2010</b> ,   |     | 10 |
| 218 | A Multiclass Depression Detection in Social Media Based on Sentiment Analysis. <i>Advances in Intelligent Systems and Computing</i> , <b>2020</b> , 659-662                                  | 0.4 | 10 |
| 217 | Evolutionary Multiobjective Optimization Approach for Evolving Ensemble of Intelligent Paradigms for Stock Market Modeling. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 673-681 | 0.9 | 10 |
| 216 | Text Segmentation into Paragraphs Based on Local Text Cohesion. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 158-166   | 0.9 | 10 |
| 215 | Adaptive Algorithm for Plagiarism Detection: The Best-Performing Approach at PAN 2014 Text Alignment Competition. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 402-413           | 0.9 | 9  |
| 214 | Author Profiling with Doc2vec Neural Network-Based Document Embeddings. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 117-131   | 0.9 | 9  |
| 213 | Detecting Inflection Patterns in Natural Language by Minimization of Morphological Model. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 432-438                                   | 0.9 | 9  |
| 212 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2004</b> ,  | 0.9 | 9  |
| 211 | BM25-CTF: Improving TF and IDF factors in BM25 by using collection term frequencies. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 34, 2887-2899                           | 1.6 | 9  |
| 210 | . <i>IEEE Computational Intelligence Magazine</i> , <b>2019</b> , 14, 41-53  | 5.6 | 8  |
| 209 | MathIRs: Retrieval System for Scientific Documents. <i>Computacion Y Sistemas</i> , <b>2017</b> , 21,  | 1.4 | 8  |
| 208 | <b>2015</b> ,  |     | 8  |
| 207 | Stable Coordinated Pairs in Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 27-34  | 0.9 | 8  |
| 206 | On Some Optimization Heuristics for Lesk-Like WSD Algorithms. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 402-405   | 0.9 | 8  |
| 205 | Document comparison with a weighted topic hierarchy <b>1999</b> ,  |     | 8  |
| 204 | A Formula Embedding Approach to Math Information Retrieval. <i>Computacion Y Sistemas</i> , <b>2018</b> , 22,  | 1.4 | 8  |
| 203 | NLP for Shallow Question Answering of Legal Documents Using Graphs. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 498-508   | 0.9 | 8  |

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|-----|--|-----|---|
| 202 | Compilation of a Spanish Representative Corpus. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 285-288   | 0.9 | 8 |
| 201 | Binary vector transformation of math formula for mathematical information retrieval. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 36, 4685-4695                               | 1.6 | 7 |
| 200 | Bend the truth—Benchmark dataset for fake news detection in Urdu language and its evaluation. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 39, 2457-2469                      | 1.6 | 7 |
| 199 | Adam Kilgarriff’s Legacy to Computational Linguistics and Beyond. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 3-25  | 0.9 | 7 |
| 198 | Advances in Signal Processing and Intelligent Recognition Systems. <i>Advances in Intelligent Systems and Computing</i> , <b>2014</b> ,  | 0.4 | 7 |
| 197 | Summarizing Conceptual Graphs for Automatic Summarization Task. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 245-253   | 0.9 | 7 |
| 196 | EM Clustering Algorithm for Automatic Text Summarization. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 305-315   | 0.9 | 7 |
| 195 | Pre-conceptual Schema: A Conceptual-Graph-Like Knowledge Representation for Requirements Elicitation. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 27-37                             | 0.9 | 7 |
| 194 | Automatic Enrichment of Very Large Dictionary of Word Combinations on the Basis of Dependency Formalism. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 430-437                        | 0.9 | 7 |
| 193 | Resolving Ambiguities in Toponym Recognition in Cartographic Maps. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 75-86  | 0.9 | 7 |
| 192 | Text Summarization by Sentence Extraction Using Unsupervised Learning. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 133-143  | 0.9 | 7 |
| 191 | Text Comparison Using Soft Cardinality. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 297-302   | 0.9 | 7 |
| 190 | Recognizing Textual Entailment Using a Machine Learning Approach. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 177-185   | 0.9 | 7 |
| 189 | Improving aspect-level sentiment analysis with aspect extraction. <i>Neural Computing and Applications</i> , <b>2020</b> , 1   | 4.8 | 7 |
| 188 | Artificial bee colony algorithm in data flow testing for optimal test suite generation. <i>International Journal of Systems Assurance Engineering and Management</i> , <b>2020</b> , 11, 340-349 | 1.3 | 7 |
| 187 | Analysis of relationships between tweets and stock market trends. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 34, 3337-3347  | 1.6 | 7 |
| 186 | Web-Based Variant of the Lesk Approach to Word Sense Disambiguation <b>2009</b> ,  |     | 6 |
| 185 | Abusive language detection in youtube comments leveraging replies as conversational context. <i>PeerJ Computer Science</i> , <b>2021</b> , 7, e742   | 2.7 | 6 |

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| 184 | Supervised Learning for Semantic Classification of Spanish Collocations. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 362-371   | 0.9 | 6 |
| 183 | Detection and Correction of Malapropisms in Spanish by Means of Internet Search. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 115-122                                     | 0.9 | 6 |
| 182 | Heuristics-Based Replenishment of Collocation Databases. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 25-32   | 0.9 | 6 |
| 181 | Detecting Deviations in Text Collections: An Approach Using Conceptual Graphs. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 176-184                                       | 0.9 | 6 |
| 180 | A convolutional neural network approach for gender and language variety identification. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 36, 4845-4855                 | 1.6 | 5 |
| 179 | A study of lexical function detection with word2vec and supervised machine learning. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2020</b> , 39, 1993-2001                    | 1.6 | 5 |
| 178 | Recognizing Textual Entailment with a Semantic Edit Distance Metric <b>2012</b> ,   |     | 5 |
| 177 | A Syntactic Textual Entailment System Based on Dependency Parser. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 269-278  | 0.9 | 5 |
| 176 | Comparing Commercial Tools and State-of-the-Art Methods for Generating Text Summaries <b>2009</b> ,   |     | 5 |
| 175 | Evaluation of TnT Tagger for Spanish  |     | 5 |
| 174 | Spanish Natural Language Interface for a Relational Database Querying System. <i>Lecture Notes in Computer Science</i> , <b>2002</b> , 123-130  | 0.9 | 5 |
| 173 | Recognizing Textual Entailment by Soft Dependency Tree Matching. <i>Computacion Y Sistemas</i> , <b>2015</b> , 19,  | 1.4 | 5 |
| 172 | Individual vs. Group Violent Threats Classification in Online Discussions <b>2020</b> ,   |     | 5 |
| 171 | Generaci3n de res2menes por medio de s3ntesis de grafos conceptuales. <i>Revista Signos</i> , <b>2014</b> , 47, 463-485   | 0.6 | 5 |
| 170 | Lazy Query Enrichment: A Method for Indexing Large Specialized Document Bases with Morphology and Concept Hierarchy. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 526-535 | 0.9 | 5 |
| 169 | Recognition of Named Entities in Spanish Texts. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 420-429  | 0.9 | 5 |
| 168 | Distributional Thesaurus Versus WordNet: A Comparison of Backoff Techniques for Unsupervised PP Attachment. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 177-188          | 0.9 | 5 |
| 167 | Studying Evolution of a Branch of Knowledge by Constructing and Analyzing Its Ontology. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 37-45                                | 0.9 | 5 |

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| 166 | Adaptation of Sentiment Analysis Techniques to Persian Language. <i>Lecture Notes in Computer Science</i> , <b>2018</b> , 129-140  | 0.9 | 5 |
| 165 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2011</b> ,  | 0.9 | 5 |
| 164 | Hybrid Particle Swarm Evolutionary Algorithm for Search and Optimization. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 623-632   | 0.9 | 5 |
| 163 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2001</b> ,  | 0.9 | 5 |
| 162 | Textual Entailment Using Lexical And Syntactic Similarity. <i>International Journal of Artificial Intelligence &amp; Applications</i> , <b>2011</b> , 2, 43-58   | 0.5 | 4 |
| 161 | Dependency Parser Based Textual Entailment System <b>2010</b> ,  |     | 4 |
| 160 | Automatic Answer Validation System on English language <b>2010</b> ,   |     | 4 |
| 159 | Unsupervised WSD by Finding the Predominant Sense Using Context as a Dynamic Thesaurus. <i>Journal of Computer Science and Technology</i> , <b>2010</b> , 25, 1030-1039  | 1.7 | 4 |
| 158 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2006</b> ,  | 0.9 | 4 |
| 157 | On Correction of Semantic Errors in Natural Language Texts with a Dictionary of Literal Paronyms. <i>Lecture Notes in Computer Science</i> , <b>2004</b> , 105-114   | 0.9 | 4 |
| 156 | Computational Linguistics and Intelligent Text Processing. <i>Lecture Notes in Computer Science</i> , <b>2002</b> ,  | 0.9 | 4 |
| 155 | On fast path-finding algorithms in AND-OR graphs. <i>Mathematical Problems in Engineering</i> , <b>2002</b> , 8, 283-293   |     | 4 |
| 154 | Open Information Extraction for Spanish Language based on Syntactic Constraints <b>2014</b> ,  |     | 4 |
| 153 | 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. <i>Revista Signos</i> , <b>2016</b> , 49, 119-142 | 0.6 | 4 |
| 152 | Using Graphs for Shallow Question Answering on Legal Documents. <i>Lecture Notes in Computer Science</i> , <b>2008</b> , 165-173   | 0.9 | 4 |
| 151 | Supervised Machine Learning for Predicting the Meaning of Verb-Noun Combinations in Spanish. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 196-207  | 0.9 | 4 |
| 150 | Recognizing Textual Entailment in Non-english Text via Automatic Translation into English. <i>Lecture Notes in Computer Science</i> , <b>2013</b> , 26-35  | 0.9 | 4 |
| 149 | Identification of Rules for Recognition of Named Entity Classes in Mizo Language <b>2016</b> ,   |     | 4 |



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|-----|--|-----|---|
| 148 | Recognizing Emotion Cause in Conversations. <i>Cognitive Computation</i> , <b>2021</b> , 13, 1317  | 4.4 | 4 |
| 147 | DILUCT: An Open-Source Spanish Dependency Parser Based on Rules, Heuristics, and Selectional Preferences. <i>Lecture Notes in Computer Science</i> , <b>2006</b> , 164-175         | 0.9 | 4 |
| 146 | Chi-Square Classifier for Document Categorization. <i>Lecture Notes in Computer Science</i> , <b>2001</b> , 457-459  | 0.9 | 4 |
| 145 | Dictionary-Based Method for Coherence Maintenance in Man-Machine Dialogue with Indirect Antecedents and Ellipses. <i>Lecture Notes in Computer Science</i> , <b>2000</b> , 357-362 | 0.9 | 4 |
| 144 | Graph Ranking on Maximal Frequent Sequences for Single Extractive Text Summarization. <i>Lecture Notes in Computer Science</i> , <b>2014</b> , 466-480                             | 0.9 | 3 |
| 143 | Semantic Analysis of Verbal Collocations with Lexical Functions. <i>Studies in Computational Intelligence</i> , <b>2013</b> ,  | 0.8 | 3 |
| 142 | A hybrid textual entailment system using lexical and syntactic features <b>2010</b> ,  |     | 3 |
| 141 | Social Data Mining to Improve Bioinspired Intelligent Systems <b>2008</b> ,  |     | 3 |
| 140 | Automatic detection of semantically primitive words using their reachability in an explanatory dictionary  |     | 3 |
| 139 | A method of describing document contents through topic selection   |     | 3 |
| 138 | UrduFake@FIRE2020: Shared Track on Fake News Identification in Urdu <b>2020</b> ,  |     | 3 |
| 137 | Wikipedia-based Learning Path Generation. <i>Computacion Y Sistemas</i> , <b>2015</b> , 19,  | 1.4 | 3 |
| 136 | Improving the Boilerpipe Algorithm for Boilerplate Removal in News Articles Using HTML Tree Structure. <i>Computacion Y Sistemas</i> , <b>2018</b> , 22,                           | 1.4 | 3 |
| 135 | Highly Language-Independent Word Lemmatization Using a Machine-Learning Classifier. <i>Computacion Y Sistemas</i> , <b>2020</b> , 24,  | 1.4 | 3 |
| 134 | Soft Cardinality in Semantic Text Processing: Experience of the SemEval International Competitions. <i>Polibits</i> , 51, 63-72  |     | 3 |
| 133 | JUNITMZ at SemEval-2016 Task 1: Identifying Semantic Similarity Using Levenshtein Ratio <b>2016</b> ,  |     | 3 |
| 132 | Detección automática de primitivas semánticas en diccionarios explicativos con algoritmos bioinspirados. <i>Onomazein</i> , 29, 104-117  | 0   | 3 |
| 131 | Detection of Adverse Drug Reaction in Tweets Using a Combination of Heterogeneous Word Embeddings <b>2019</b> ,  |     | 3 |

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|-----|---|-----|---|
| 130 | PerSent 2.0: Persian Sentiment Lexicon Enriched with Domain-Specific Words. <i>Lecture Notes in Computer Science</i> , <b>2020</b> , 497-509                          | 0.9 | 3 |
| 129 | CookingQA: A Question Answering System Based on Cooking Ontology. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 67-78                                      | 0.9 | 3 |
| 128 | Recognizing Textual Entailment with Statistical Methods. <i>Lecture Notes in Computer Science</i> , <b>2010</b> , 372-384   | 0.9 | 3 |
| 127 | Answer Validation Using Textual Entailment. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 353-364  | 0.9 | 3 |
| 126 | A Statistics-Based Semantic Textual Entailment System. <i>Lecture Notes in Computer Science</i> , <b>2011</b> , 267-276   | 0.9 | 3 |
| 125 | Transformer-Based Extractive Social Media Question Answering on TweetQA. <i>Computacion Y Sistemas</i> , <b>2021</b> , 25,  | 1.4 | 3 |
| 124 | A Domain Independent Natural Language Interface to Databases Capable of Processing Complex Queries. <i>Lecture Notes in Computer Science</i> , <b>2005</b> , 833-842  | 0.9 | 3 |
| 123 | A Portable Natural Language Interface for Diverse Databases Using Ontologies. <i>Lecture Notes in Computer Science</i> , <b>2003</b> , 494-505                        | 0.9 | 3 |
| 122 | Document Title Patterns in Information Retrieval. <i>Lecture Notes in Computer Science</i> , <b>1999</b> , 372-375  | 0.9 | 3 |
| 121 | Short-answer grading using textual entailment. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2019</b> , 36, 4909-4919  | 1.1 | 2 |
| 120 | Mining Parallel Resources for Machine Translation from Comparable Corpora. <i>Lecture Notes in Computer Science</i> , <b>2015</b> , 534-544                           | 0.9 | 2 |
| 119 | Plagiarism Detection with Genetic-Based Parameter Tuning. <i>International Journal of Pattern Recognition and Artificial Intelligence</i> , <b>2018</b> , 32, 1860006 | 1.1 | 2 |
| 118 | A simple hybrid approach to recognizing textual entailment. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2018</b> , 34, 2873-2885                             | 1.6 | 2 |
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