Erik Cambria

List of Publications by Year in Descending Order

289 papers	14,717 citations	66 h-index	115 g-index
345 ext. papers	20,215 ext. citations	4.8 avg, IF	7.81 L-index

#	Paper	IF	Citations
289	Context- and Sentiment-Aware Networks for Emotion Recognition in Conversation. *IEEE Transactions on Artificial Intelligence*, **2022**, 1-1	4.7	5
288	Sentic Computing **2022**, 821-827		
287	BiERU: Bidirectional emotional recurrent unit for conversational sentiment analysis. *Neurocomputing*, **2022**, 467, 73-82	5.4	38
286	Ensemble Hybrid Learning Methods for Automated Depression Detection. *IEEE Transactions on Computational Social Systems*, **2022**, 1-9	4.5	0
285	Soft labeling constraint for generalizing from sentiments in single domain. *Knowledge-Based Systems*, **2022**, 245, 108346	7.3	0
284	Multitask learning for emotion and personality traits detection. *Neurocomputing*, **2022**, 493, 340-350	5.4	5
283	Deep-attack over the deep reinforcement learning. *Knowledge-Based Systems*, **2022**, 108965	7.3	1
282	OntoSenticNet 2: Enhancing Reasoning Within Sentiment Analysis. *IEEE Intelligent Systems*, **2022**, 37, 103-110	4.2	6
281	Gender-based multi-aspect sentiment detection using multilabel learning. *Information Sciences*, **2022**, 606, 453-468	7.7	1
280	Combining Sentiment Lexicons and Content-Based Features for Depression Detection. *IEEE Intelligent Systems*, **2021**, 36, 99-105	4.2	12
279	A Convolutional Stacked Bidirectional LSTM with a Multiplicative Attention Mechanism for Aspect Category and Sentiment Detection. *Cognitive Computation*, **2021**, 13, 1423	4.4	7
278	MuSe-Toolbox: The Multimodal Sentiment Analysis Continuous Annotation Fusion and Discrete Class Transformation Toolbox **2021**,		4
277	Gated Recurrent Unit with Multilingual Universal Sentence Encoder for Arabic Aspect-Based Sentiment Analysis. *Knowledge-Based Systems*, **2021**, 107540	7.3	3
276	MuSe 2021 Challenge **2021**,		4
275	Aspect-based sentiment analysis via affective knowledge enhanced graph convolutional networks. *Knowledge-Based Systems*, **2021**, 235, 107643	7.3	27
274	Sentiment Analysis and Topic Recognition in Video Transcriptions. *IEEE Intelligent Systems*, **2021**, 36, 88-95	4.2	40
273	Adaptive Modality Distillation for Separable Multimodal Sentiment Analysis. *IEEE Intelligent Systems*, **2021**, 36, 82-89	4.2	9

272	Deep Learning--based Text Classification. *ACM Computing Surveys*, **2021**, 54, 1-40	13.4	175
271	Phonetic-enriched text representation for Chinese sentiment analysis with reinforcement learning. *Information Fusion*, **2021**, 70, 88-99	16.7	11
270	Comment toxicity detection via a multichannel convolutional bidirectional gated recurrent unit. *Neurocomputing*, **2021**, 441, 272-278	5.4	9
269	ABCDM: An Attention-based Bidirectional CNN-RNN Deep Model for sentiment analysis. *Future Generation Computer Systems*, **2021**, 115, 279-294	7.5	189
268	Suicidal Ideation Detection: A Review of Machine Learning Methods and Applications. *IEEE Transactions on Computational Social Systems*, **2021**, 8, 214-226	4.5	23
267	New research methods & algorithms in social network analysis. *Future Generation Computer Systems* , **2021**, 114, 290-293	7.5	8
266	Multitask Recalibrated Aggregation Network for Medical Code Prediction. *Lecture Notes in Computer Science*, **2021**, 367-383	0.9	1
265	Toward Aspect-Level Sentiment Modification Without Parallel Data. *IEEE Intelligent Systems*, **2021**, 36, 75-81	4.2	3
264	UGTO: Uncommon Words and Proper Nouns. *A Practical Guide To Sentiment Analysis*, **2021**, 77-94	0	
263	SynTime: Token Types and Heuristic Rules. *A Practical Guide To Sentiment Analysis*, **2021**, 47-58	0	
262	Real-Time Video Emotion Recognition based on Reinforcement Learning and Domain Knowledge. *IEEE Transactions on Circuits and Systems for Video Technology*, **2021**, 1-1	6.4	15
261	This! Identifying New Sentiment Slang Through Orthographic Pleonasm Online: Yasss Slay Gorg Queen Ilysm. *IEEE Intelligent Systems*, **2021**, 36, 114-120	4.2	1
260	Stock trading rule discovery with double deep Q-network. *Applied Soft Computing Journal*, **2021**, 107, 107320	7.5	4
259	Mood of the Planet: Challenging Visions of Big Data in the Arts. *Cognitive Computation*, **2021**, 1-12	4.4	2
258	Artificial Intelligence, Social Media and Supply Chain Management: The Way Forward. *Electronics (Switzerland)*, **2021**, 10, 2348	2.6	1
257	Taylor□ theorem: A new perspective for neural tensor networks. *Knowledge-Based Systems*, **2021**, 228, 107258	7.3	7
256	Sequential fusion of facial appearance and dynamics for depression recognition. *Pattern Recognition Letters*, **2021**, 150, 115-121	4.7	8
255	A novel context-aware multimodal framework for persian sentiment analysis. *Neurocomputing*, **2021**, 457, 377-388	5.4	23

254	Graph routing between capsules. *Neural Networks*, **2021**, 143, 345-354	9.1	1
253	Predicting video engagement using heterogeneous DeepWalk. *Neurocomputing*, **2021**, 465, 228-237	5.4	2
252	TOMN: Constituent-Based Tagging Scheme. *A Practical Guide To Sentiment Analysis*, **2021**, 59-75	0	0
251	A Survey on Knowledge Graphs: Representation, Acquisition, and Applications. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	165
250	Fake News Detection Using XLNet Fine-Tuning Model **2021**,		3
249	Extracting Time Expressions and Named Entities with Constituent-Based Tagging Schemes. *Cognitive Computation*, **2020**, 12, 844-862	4.4	15
248	User reviews: Sentiment analysis using lexicon integrated two-channel CNN–LSTM family models. *Applied Soft Computing Journal*, **2020**, 94, 106435	7.5	41
247	The four dimensions of social network analysis: An overview of research methods, applications, and software tools. *Information Fusion*, **2020**, 63, 88-120	16.7	71
246	A review of sentiment analysis research in Arabic language. *Future Generation Computer Systems*, **2020**, 112, 408-430	7.5	51
245	A Review of Shorthand Systems: From Brachygraphy to Microtext and Beyond. *Cognitive Computation*, **2020**, 12, 778-792	4.4	11
244	Balancing computational complexity and generalization ability: A novel design for ELM. *Neurocomputing*, **2020**, 401, 405-417	5.4	5
243	Bridging Cognitive Models and Recommender Systems. *Cognitive Computation*, **2020**, 12, 426-427	4.4	18
242	How Intense Are You? Predicting Intensities of Emotions and Sentiments using Stacked Ensemble [Application Notes]. *IEEE Computational Intelligence Magazine*, **2020**, 15, 64-75	5.6	129
241	A survey on empathetic dialogue systems. *Information Fusion*, **2020**, 64, 50-70	16.7	43
240	. *IEEE Intelligent Systems*, **2020**, 35, 106-114	4.2	21
239	Anaphora and coreference resolution: A review. *Information Fusion*, **2020**, 59, 139-162	16.7	38
238	Dialogue systems with audio context. *Neurocomputing*, **2020**, 388, 102-109	5.4	14
237	Bottom-Up and Top-Down: Predicting Personality with Psycholinguistic and Language Model Features **2020**,		11

236	One Belt, One Road, One Sentiment? A Hybrid Approach to Gauging Public Opinions on the New Silk Road Initiative **2020**,		1
235	COAL: Convolutional Online Adaptation Learning for Opinion Mining **2020**,		2
234	SenticNet 6: Ensemble Application of Symbolic and Subsymbolic AI for Sentiment Analysis **2020**,		156
233	MuSe 2020 Challenge and Workshop **2020**,		13
232	Summary of MuSe 2020 **2020**,		5
231	Dilated Convolutional Attention Network for Medical Code Assignment from Clinical Text **2020**,		3
230	PerSent 2.0: Persian Sentiment Lexicon Enriched with Domain-Specific Words. *Lecture Notes in Computer Science*, **2020**, 497-509	0.9	3
229	Predicting political sentiments of voters from Twitter in multi-party contexts. *Applied Soft Computing Journal*, **2020**, 97, 106743	7.5	16
228	A review of emotion sensing: categorization models and algorithms. *Multimedia Tools and Applications*, **2020**, 79, 35553-35582	2.5	37
227	Intent Classification for Dialogue Utterances. *IEEE Intelligent Systems*, **2020**, 35, 82-88	4.2	10
226	New Avenues in Mobile Tourism **2020**,		1
225	Genetic Programming for Domain Adaptation in Product Reviews **2020**,		4
224	Multi-Level Fine-Scaled Sentiment Sensing with Ambivalence Handling. *International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems*, **2020**, 28, 683-697	0.8	24
223	Popularity prediction on vacation rental websites. *Neurocomputing*, **2020**, 412, 372-380	5.4	11
222	Deciphering Public Opinion of Nuclear Energy on Twitter **2020**,		3
221	Commonsense Knowledge Enhanced Memory Network for Stance Classification. *IEEE Intelligent Systems*, **2020**, 35, 102-109	4.2	10
220	The Hourglass Model Revisited. *IEEE Intelligent Systems*, **2020**, 35, 96-102	4.2	69
219	What do people think about this monument? Understanding negative reviews via deep learning, clustering and descriptive rules. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 11, 39-52	3.7	15

218	Predicting Future Market Trends: Which Is the Optimal Window?. *Proceedings of the International Neural Networks Society*, **2020**, 180-185	0.5	2
217	End-to-End latent-variable task-oriented dialogue system with exact log-likelihood optimization. *World Wide Web*, **2020**, 23, 1989-2002	2.9	10
216	Recent trends in deep learning based personality detection. *Artificial Intelligence Review*, **2020**, 53, 2313-2339	9.7	75
215	DialogueRNN: An Attentive RNN for Emotion Detection in Conversations. *Proceedings of the AAAI Conference on Artificial Intelligence*, **2019**, 33, 6818-6825	5	98
214	. *IEEE Computational Intelligence Magazine*, **2019**, 14, 39-50	5.6	48
213	Tweeting in Support of LGBT? **2019**,		11
212	Cognitive-inspired domain adaptation of sentiment lexicons. *Information Processing and Management*, **2019**, 56, 554-564	6.3	53
211	Technical analysis and sentiment embeddings for market trend prediction. *Expert Systems With Applications*, **2019**, 135, 60-70	7.8	80
210	Supervised Learning for Fake News Detection. *IEEE Intelligent Systems*, **2019**, 34, 76-81	4.2	121
209	Fuzzy commonsense reasoning for multimodal sentiment analysis. *Pattern Recognition Letters*, **2019**, 125, 264-270	4.7	99
208	Computational Intelligence for Affective Computing and Sentiment Analysis [Guest Editorial]. *IEEE Computational Intelligence Magazine*, **2019**, 14, 16-17	5.6	29
207	Inconsistencies on TripAdvisor reviews: A unified index between users and Sentiment Analysis Methods. *Neurocomputing*, **2019**, 353, 3-16	5.4	31
206	Discovering Bayesian Market Views for Intelligent Asset Allocation. *Lecture Notes in Computer Science*, **2019**, 120-135	0.9	5
205	Segment-level joint topic-sentiment model for online review analysis. *IEEE Intelligent Systems*, **2019** , 34, 43-50	4.2	34
204	Sentiment-aware volatility forecasting. *Knowledge-Based Systems*, **2019**, 176, 68-76	7.3	28
203	Modelling customer satisfaction from online reviews using ensemble neural network and effect-based Kano model. *International Journal of Production Research*, **2019**, 57, 7068-7088	7.8	53
202	Learning binary codes with neural collaborative filtering for efficient recommendation systems. *Knowledge-Based Systems*, **2019**, 172, 64-75	7.3	46
201	Sentiment and Sarcasm Classification With Multitask Learning. *IEEE Intelligent Systems*, **2019**, 34, 38-43	4.2	95

200	Speaker-Independent Multimodal Sentiment Analysis for Big Data **2019**, 13-43		1
199	Learning short-text semantic similarity with word embeddings and external knowledge sources. *Knowledge-Based Systems*, **2019**, 182, 104842	7.3	41
198	A Survey on Deep Learning in Image Polarity Detection: Balancing Generalization Performances and Computational Costs. *Electronics (Switzerland)*, **2019**, 8, 783	2.6	19
197	Ensemble Application of Transfer Learning and Sample Weighting for Stock Market Prediction **2019** ,		4
196	Learning From Personal Longitudinal Dialog Data. *IEEE Intelligent Systems*, **2019**, 34, 16-23	4.2	5
195	MELD: A Multimodal Multi-Party Dataset for Emotion Recognition in Conversations **2019**,		87
194	Towards Scalable and Reliable Capsule Networks for Challenging NLP Applications **2019**,		58
193	Storage and Update of Knowledge. *A Practical Guide To Sentiment Analysis*, **2019**, 97-111	0	0
192	Theoretical Underpinnings on Text Mining. *A Practical Guide To Sentiment Analysis*, **2019**, 27-35	0	
191	Literature Review and Preliminaries. *A Practical Guide To Sentiment Analysis*, **2019**, 9-25	0	
190	Computational Semantics for Asset Correlations. *A Practical Guide To Sentiment Analysis*, **2019**, 37-61	0	
189	Sentiment Analysis for View Modeling. *A Practical Guide To Sentiment Analysis*, **2019**, 63-96	0	
188	PhonSenticNet: A Cognitive Approach to Microtext Normalization for Concept-Level Sentiment Analysis. *Lecture Notes in Computer Science*, **2019**, 177-188	0.9	9
187	Can a Humanoid Robot be part of the Organizational Workforce? A User Study Leveraging Sentiment Analysis **2019**,		6
186	Understanding the Role of Social Media in Backpacker Tourism **2019**,		3
185	Type Like a Man! Inferring Gender from Keystroke Dynamics in Live-Chats. *IEEE Intelligent Systems*, **2019**, 34, 53-59	4.2	10
184	A Novel Non-Iterative Parameter Estimation Method for Interval Type-2 Fuzzy Neural Networks Based on a Dynamic Cost Function **2019**,		1
183	Seq2Seq Deep Learning Models for Microtext Normalization **2019**,		7

182	Multitask Representation Learning for Multimodal Estimation of Depression Level. *IEEE Intelligent Systems*, **2019**, 34, 45-52	4.2	24
181	Learning with Similarity Functions: a Tensor-Based Framework. *Cognitive Computation*, **2019**, 11, 31-49	4.4	7
180	Disentangled Variational Auto-Encoder for semi-supervised learning. *Information Sciences*, **2019**, 482, 73-85	7.7	22
179	Growing semantic vines for robust asset allocation. *Knowledge-Based Systems*, **2019**, 165, 297-305	7.3	9
178	A tale of two epidemics: Contextual Word2Vec for classifying twitter streams during outbreaks. *Information Processing and Management*, **2019**, 56, 247-257	6.3	68
177	Distinguishing between facts and opinions for sentiment analysis: Survey and challenges. *Information Fusion*, **2018**, 44, 65-77	16.7	113
176	A survey of graph processing on graphics processing units. *Journal of Supercomputing*, **2018**, 74, 2086-2115	1.5	24
175	Consensus vote models for detecting and filtering neutrality in sentiment analysis. *Information Fusion*, **2018**, 44, 126-135	16.7	43
174	Sentic LSTM: a Hybrid Network for Targeted Aspect-Based Sentiment Analysis. *Cognitive Computation*, **2018**, 10, 639-650	4.4	146
173	A Generative Model for category text generation. *Information Sciences*, **2018**, 450, 301-315	7.7	84
172	Learning multi-grained aspect target sequence for Chinese sentiment analysis. *Knowledge-Based Systems*, **2018**, 148, 167-176	7.3	85
171	Ensemble application of ELM and GPU for real-time multimodal sentiment analysis. *Memetic Computing*, **2018**, 10, 3-13	3.4	21
170	Bayesian network based extreme learning machine for subjectivity detection. *Journal of the Franklin Institute*, **2018**, 355, 1780-1797	4	97
169	Semi-supervised learning for big social data analysis. *Neurocomputing*, **2018**, 275, 1662-1673	5.4	140
168	Natural language based financial forecasting: a survey. *Artificial Intelligence Review*, **2018**, 50, 49-73	9.7	137
167	. *IEEE Intelligent Systems*, **2018**, 33, 77-85	4.2	84
166	Recent Trends in Deep Learning Based Natural Language Processing [Review Article]. *IEEE Computational Intelligence Magazine*, **2018**, 13, 55-75	5.6	1230
165	Multimodal sentiment analysis using hierarchical fusion with context modeling. *Knowledge-Based Systems*, **2018**, 161, 124-133	7.3	118

164	Relation Extraction of Medical Concepts Using Categorization and Sentiment Analysis. *Cognitive Computation*, **2018**, 10, 670-685	4.4	13
163	ICON: Interactive Conversational Memory Network for Multimodal Emotion Detection **2018**,		63
162	IARM: Inter-Aspect Relation Modeling with Memory Networks in Aspect-Based Sentiment Analysis **2018**,		33
161	Modeling Inter-Aspect Dependencies for Aspect-Based Sentiment Analysis **2018**,		24
160	Multimodal Language Analysis in the Wild: CMU-MOSEI Dataset and Interpretable Dynamic Fusion Graph **2018**,		40
159	ASR Hypothesis Reranking Using Prior-Informed Restricted Boltzmann Machine. *Lecture Notes in Computer Science*, **2018**, 503-514	0.9	
158	Classifying World Englishes from a Lexical Perspective: A Corpus-Based Approach. *Lecture Notes in Computer Science*, **2018**, 564-575	0.9	
157	Developing a Concept-Level Knowledge Base for Sentiment Analysis in Singlish. *Lecture Notes in Computer Science*, **2018**, 347-361	0.9	
156	GpSense: A GPU-Friendly Method for Commonsense Subgraph Matching in Massively Parallel Architectures. *Lecture Notes in Computer Science*, **2018**, 547-559	0.9	
155	Benchmarking Multimodal Sentiment Analysis. *Lecture Notes in Computer Science*, **2018**, 166-179	0.9	10
154	Efficient Semantic Search Over Structured Web Data: A GPU Approach. *Lecture Notes in Computer Science*, **2018**, 549-562	0.9	1
153	CSenticNet: A Concept-Level Resource for Sentiment Analysis in Chinese Language. *Lecture Notes in Computer Science*, **2018**, 90-104	0.9	5
152	Semantically Enhanced Models for Commonsense Knowledge Acquisition **2018**,		2
151	Multimodal Sentiment Analysis: Addressing Key Issues and Setting Up the Baselines. *IEEE Intelligent Systems*, **2018**, 33, 17-25	4.2	70
150	Investigating Timing and Impact of News on the Stock Market **2018**,		3
149	Ensemble of Technical Analysis and Machine Learning for Market Trend Prediction **2018**,		5
148	Learning Visual Concepts in Images Using Temporal Convolutional Networks **2018**,		3
147	BabelSenticNet: A Commonsense Reasoning Framework for Multilingual Sentiment Analysis **2018**,		24

146	Conversational Memory Network for Emotion Recognition in Dyadic Dialogue Videos **2018**, 2018, 2122-2132		73
145	Time Expression Recognition Using a Constituent-based Tagging Scheme **2018**,		10
144	Singlish SenticNet: A Concept-Based Sentiment Resource for Singapore English **2018**,		3
143	Concept Extraction from Natural Text for Concept Level Text Analysis. *A Practical Guide To Sentiment Analysis*, **2018**, 79-84	0	1
142	EmoSenticSpace: Dense Concept-Based Affective Features with Common-Sense Knowledge. *A Practical Guide To Sentiment Analysis*, **2018**, 85-116	0	1
141	No, That Never Happened!! Investigating Rumors on Twitter. *IEEE Intelligent Systems*, **2018**, 33, 8-15	4.2	12
140	Public MoodDriven Asset Allocation: the Importance of Financial Sentiment in Portfolio Management. *Cognitive Computation*, **2018**, 10, 1167-1176	4.4	33
139	Multimodal Sentiment Analysis. *A Practical Guide To Sentiment Analysis*, **2018**,	0	8
138	Semantic Sentiment Analysis Challenge at ESWC2018. *Communications in Computer and Information Science*, **2018**, 117-128	0.3	1
137	Literature Survey and Datasets. *A Practical Guide To Sentiment Analysis*, **2018**, 37-78	0	
136	Intelligent Asset Allocation via Market Sentiment Views. *IEEE Computational Intelligence Magazine*, **2018**, 13, 25-34	5.6	47
135	Combining Textual Clues with Audio-Visual Information for Multimodal Sentiment Analysis. *A Practical Guide To Sentiment Analysis*, **2018**, 153-178	0	4
134	Sounds of Silence Breakers: Exploring Sexual Violence on Twitter **2018**,		17
133	Sentic Patterns: Sentiment Data Flow Analysis by Means of Dynamic Linguistic Patterns. *A Practical Guide To Sentiment Analysis*, **2018**, 117-151	0	2
132	A review of affective computing: From unimodal analysis to multimodal fusion. *Information Fusion*, **2017**, 37, 98-125	16.7	512
131	Ensemble application of convolutional neural networks and multiple kernel learning for multimodal sentiment analysis. *Neurocomputing*, **2017**, 261, 217-230	5.4	108
130	A Practical Guide to Sentiment Analysis. *A Practical Guide To Sentiment Analysis*, **2017**,	0	57
129	Concept-Level Sentiment Analysis with SenticNet. *A Practical Guide To Sentiment Analysis*, **2017**, 173-188	0	5

128	Affective Computing and Sentiment Analysis. *A Practical Guide To Sentiment Analysis*, **2017**, 1-10	0	45
127	A Review of Sentiment Analysis Research in Chinese Language. *Cognitive Computation*, **2017**, 9, 423-435	4.4	90
126	SLT-Based ELM for Big Social Data Analysis. *Cognitive Computation*, **2017**, 9, 259-274	4.4	11
125	Multilingual sentiment analysis: from formal to informal and scarce resource languages. *Artificial Intelligence Review*, **2017**, 48, 499-527	9.7	101
124	Open Secrets and Wrong Rights **2017**,		3
123	. *IEEE Intelligent Systems*, **2017**, 32, 74-79	4.2	228
122	Learning Word Representations for Sentiment Analysis. *Cognitive Computation*, **2017**, 9, 843-851	4.4	105
121	Storages Are Not Forever. *Cognitive Computation*, **2017**, 9, 646-658	4.4	4
120	. *IEEE Transactions on Affective Computing*, **2017**, 8, 426-427	5.7	4
119	Semantic Sentiment Analysis Challenge at ESWC2017. *Communications in Computer and Information Science*, **2017**, 109-123	0.3	7
118	Learning Community Embedding with Community Detection and Node Embedding on Graphs **2017**,		139
117	Ensemble application of convolutional and recurrent neural networks for multi-label text categorization **2017**,		89
116	Semi-supervised Learning for Affective Common-Sense Reasoning. *Cognitive Computation*, **2017**, 9, 18-42	4.4	14
115	Adaptive two-stage feature selection for sentiment classification **2017**,		6
114	Multi-level Multiple Attentions for Contextual Multimodal Sentiment Analysis **2017**,		49
113	Sentiment Analysis Is a Big Suitcase. *IEEE Intelligent Systems*, **2017**, 32, 74-80	4.2	209
112	Sentiment Analysis in the Bio-Medical Domain. *A Practical Guide To Sentiment Analysis*, **2017**,	0	5
111	Predicting evolving chaotic time series with fuzzy neural networks **2017**,		9

110	Employing sentiment-based affinity and gravity scores to identify relations of medical concepts **2017**,		3
109	Phonetic-Based Microtext Normalization for Twitter Sentiment Analysis **2017**,		26
108	Auto-categorization of medical concepts and contexts **2017**,		4
107	Let's Chat about Brexit! A Politically-Sensitive Dialog System Based on Twitter Data **2017**,		2
106	Sentic Computing for Social Network Analysis **2017**, 71-90		
105	Tensor Fusion Network for Multimodal Sentiment Analysis **2017**,		233
104	Time Expression Analysis and Recognition Using Syntactic Token Types and General Heuristic Rules **2017**,		18
103	Context-Dependent Sentiment Analysis in User-Generated Videos **2017**,		184
102	SenticNet. *A Practical Guide To Sentiment Analysis*, **2017**, 39-103	0	1
101	Application to Sentiment Analysis. *A Practical Guide To Sentiment Analysis*, **2017**, 105-125	0	
100	Fusing audio, visual and textual clues for sentiment analysis from multimodal content. *Neurocomputing*, **2016**, 174, 50-59	5.4	262
99	Computational Intelligence for Big Social Data Analysis [Guest Editorial]. *IEEE Computational Intelligence Magazine*, **2016**, 11, 8-9	5.6	28
98	Statistical Learning Theory and ELM for Big Social Data Analysis. *IEEE Computational Intelligence Magazine*, **2016**, 11, 45-55	5.6	63
97	New avenues in knowledge bases for natural language processing. *Knowledge-Based Systems*, **2016**, 108, 1-4	7.3	31
96	Sentic LDA: Improving on LDA with semantic similarity for aspect-based sentiment analysis **2016**,		69
95	Role of Muscle Synergies in Real-Time Classification of Upper Limb Motions using Extreme Learning Machines. *Journal of NeuroEngineering and Rehabilitation*, **2016**, 13, 76	5.3	28
94	Towards GPU-Based Common-Sense Reasoning: Using Fast Subgraph Matching. *Cognitive Computation*, **2016**, 8, 1074-1086	4.4	9
93	Aspect extraction for opinion mining with a deep convolutional neural network. *Knowledge-Based Systems*, **2016**, 108, 42-49	7.3	453

92	Emotion and sentiment in social and expressive media: Introduction to the special issue. *Information Processing and Management*, **2016**, 52, 1-4	6.3	7
91	Affective Computing and Sentiment Analysis. *IEEE Intelligent Systems*, **2016**, 31, 102-107	4.2	701
90	Unsupervised Commonsense Knowledge Enrichment for Domain-Specific Sentiment Analysis. *Cognitive Computation*, **2016**, 8, 467-477	4.4	26
89	A concept-level approach to the analysis of online review helpfulness. *Computers in Human Behavior*, **2016**, 58, 75-81	7.7	88
88	Polarity shift detection, elimination and ensemble: A three-stage model for document-level sentiment analysis. *Information Processing and Management*, **2016**, 52, 36-45	6.3	82
87	PerSent: A Freely Available Persian Sentiment Lexicon. *Lecture Notes in Computer Science*, **2016**, 310-320	0.9	20
86	Lyapunov filtering of objectivity for Spanish Sentiment Model **2016**,		11
85	Bayesian Deep Convolution Belief Networks for Subjectivity Detection **2016**,		9
84	Weakly supervised semantic segmentation with superpixel embedding **2016**,		4
83	Convolutional MKL Based Multimodal Emotion Recognition and Sentiment Analysis **2016**,		187
82	Sentiment-Oriented Information Retrieval: Affective Analysis of Documents Based on the SenticNet Framework. *Studies in Computational Intelligence*, **2016**, 175-197	0.8	3
81	A multilingual semi-supervised approach in deriving Singlish sentic patterns for polarity detection. *Knowledge-Based Systems*, **2016**, 105, 236-247	7.3	24
80	Learning word dependencies in text by means of a deep recurrent belief network. *Knowledge-Based Systems*, **2016**, 108, 144-154	7.3	67
79	Multilingual Sentiment Analysis: State of the Art and Independent Comparison of Techniques. *Cognitive Computation*, **2016**, 8, 757-771	4.4	111
78	AspNet: Aspect Extraction by Bootstrapping Generalization and Propagation Using an Aspect Network. *Cognitive Computation*, **2015**, 7, 241-253	4.4	10
77	Document Representation with Statistical Word Senses in Cross-Lingual Document Clustering. *International Journal of Pattern Recognition and Artificial Intelligence*, **2015**, 29, 1559003	1.1	5
76	Sentic Computing. *Cognitive Computation*, **2015**, 7, 183-185	4.4	17
75	The CLSA Model: A Novel Framework for Concept-Level Sentiment Analysis. *Lecture Notes in Computer Science*, **2015**, 3-22	0.9	35

74	Sentiment Data Flow Analysis by Means of Dynamic Linguistic Patterns. *IEEE Computational Intelligence Magazine*, **2015**, 10, 26-36	5.6	97
73	Towards an intelligent framework for multimodal affective data analysis. *Neural Networks*, **2015**, 63, 104-16	9.1	127
72	An ELM-based model for affective analogical reasoning. *Neurocomputing*, **2015**, 149, 443-455	5.4	73
71	Acoustic template-matching for automatic emergency state detection: An ELM based algorithm. *Neurocomputing*, **2015**, 149, 426-434	5.4	34
70	A learning scheme based on similarity functions for affective common-sense reasoning **2015**,		8
69	Word Polarity Disambiguation Using Bayesian Model and Opinion-Level Features. *Cognitive Computation*, **2015**, 7, 369-380	4.4	107
68	Sentic Computing **2015**,		78
67	Muscle synergies for reliable classification of arm motions using myoelectric interface. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2015**, 2015, 1136-9	0.9	3
66	New Trends of Learning in Computational Intelligence (Part II) [Guest Editorial]. *IEEE Computational Intelligence Magazine*, **2015**, 10, 8-8	5.6	4
65	New Trends of Learning in Computational Intelligence [Guest Editorial]. *IEEE Computational Intelligence Magazine*, **2015**, 10, 16-17	5.6	42
64	Deep Convolutional Neural Network Textual Features and Multiple Kernel Learning for Utterance-level Multimodal Sentiment Analysis **2015**,		180
63	SeNTU: Sentiment Analysis of Tweets by Combining a Rule-based Classifier with Supervised Learning **2015**,		53
62	Modelling Public Sentiment in Twitter: Using Linguistic Patterns to Enhance Supervised Learning. *Lecture Notes in Computer Science*, **2015**, 49-65	0.9	34
61	SenticNet **2015**, 23-71		6
60	Sentic Applications **2015**, 107-153		0
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