Erik Cambria

List of Publications by Year
in descending order

307 papers	26,480 citations	9786 73 h-index	10158 140 g-index
346 all docs	346 docs citations	346 times ranked	12838 citing authors

#	ARTICLE	IF	CITATIONS
1	Gated recurrent unit with multilingual universal sentence encoder for Arabic aspect-based sentiment analysis. Knowledge-Based Systems, 2023, 261, 107540.	7.1	11
2	Ensemble Hybrid Learning Methods for Automated Depression Detection. IEEE Transactions on Computational Social Systems, 2023, 10, 211-219.	4.4	18
3	A survey on deep reinforcement learning for audio-based applications. Artificial Intelligence Review, 2023, 56, 2193-2240.	15.7	18
4	Toward hardware-aware deep-learning-based dialogue systems. Neural Computing and Applications, 2022, 34, 10397-10408.	5.6	5
5	Real-Time Video Emotion Recognition Based on Reinforcement Learning and Domain Knowledge. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32, 1034-1047.	8.3	80
6	Does semantics aid syntax? An empirical study on named entity recognition and classification. Neural Computing and Applications, 2022, 34, 8373-8384.	5.6	8
7	Ten Years of Sentic Computing. Cognitive Computation, 2022, 14, 5-23.	5.2	20
8	Landmark calibration for facial expressions and fish classification. Signal, Image and Video Processing, 2022, 16, 377-384.	2.7	2
9	Deep Learning--based Text Classification. ACM Computing Surveys, 2022, 54, 1-40.	23.0	652
10	Suicidal ideation and mental disorder detection with attentive relation networks. Neural Computing and Applications, 2022, 34, 10309-10319.	5.6	38
11	Arabic question answering system: a survey. Artificial Intelligence Review, 2022, 55, 207-253.	15.7	22
12	Mood of the Planet: Challenging Visions of Big Data in the Arts. Cognitive Computation, 2022, 14, 310-321.	5.2	3
13	A survey on personality-aware recommendation systems. Artificial Intelligence Review, 2022, 55, 2409-2454.	15.7	42
14	A Survey on Knowledge Graphs: Representation, Acquisition, and Applications. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 494-514.	11.3	769
15	Aspect-based sentiment analysis via affective knowledge enhanced graph convolutional networks. Knowledge-Based Systems, 2022, 235, 107643.	7.1	222
16	BiERU: Bidirectional emotional recurrent unit for conversational sentiment analysis. Neurocomputing, 2022, 467, 73-82.	5.9	133
17	Guest Editorial: Explainable artificial intelligence for sentiment analysis. Knowledge-Based Systems, 2022, 238, 107920.	7.1	9
18	Guest Editorial: A Decade of Sentic Computing. Cognitive Computation, 2022, 14, 1-4.	5.2	5

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19	Context- and Sentiment-Aware Networks for Emotion Recognition in Conversation. IEEE Transactions on Artificial Intelligence, 2022, 3, 699-708.	4.7	33
20	Sentic Computing. , 2022, , 821-827.		1
21	Soft labeling constraint for generalizing from sentiments in single domain. Knowledge-Based Systems, 2022, 245, 108346.	7.1	4
22	Multitask learning for emotion and personality traits detection. Neurocomputing, 2022, 493, 340-350.	5.9	23
23	Deep-attack over the deep reinforcement learning. Knowledge-Based Systems, 2022, 250, 108965.	7.1	5
24	OntoSenticNet 2: Enhancing Reasoning Within Sentiment Analysis. IEEE Intelligent Systems, 2022, 37, 103-110.	4.0	25
25	Gender-based multi-aspect sentiment detection using multilabel learning. Information Sciences, 2022, 606, 453-468.	6.9	9
26	Polarity and Subjectivity Detection with Multitask Learning and BERT Embedding. Future Internet, 2022, 14, 191.	3.8	10
27	Improving Zero-Shot Learning Baselines with Commonsense Knowledge. Cognitive Computation, 2022, 14, 2212-2222.	5.2	3
28	MetaPro: A computational metaphor processing model for text pre-processing. Information Fusion, 2022, 86-87, 30-43.	19.1	40
29	ABCDM: An Attention-based Bidirectional CNN-RNN Deep Model for sentiment analysis. Future Generation Computer Systems, 2021, 115, 279-294.	7.5	423
30	Suicidal Ideation Detection: A Review of Machine Learning Methods and Applications. IEEE Transactions on Computational Social Systems, 2021, 8, 214-226.	4.4	100
31	New research methods & algorithms in social network analysis. Future Generation Computer Systems, 2021, 114, 290-293.	7.5	21
32	Multitask Recalibrated Aggregation Network for Medical Code Prediction. Lecture Notes in Computer Science, 2021, , 367-383.	1.3	6
33	Toward Aspect-Level Sentiment Modification Without Parallel Data. IEEE Intelligent Systems, 2021, 36, 75-81.	4.0	9
34	SynTime: Token Types and Heuristic Rules. A Practical Guide To Sentiment Analysis, 2021, , 47-58.	0.3	0
35	Sentiment Analysis and Topic Recognition in Video Transcriptions. IEEE Intelligent Systems, 2021, 36, 88-95.	4.0	75
36	Adaptive Modality Distillation for Separable Multimodal Sentiment Analysis. IEEE Intelligent Systems, 2021, 36, 82-89.	4.0	28

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37	Phonetic-enriched text representation for Chinese sentiment analysis with reinforcement learning. Information Fusion, 2021, 70, 88-99.	19.1	31
38	Emotion Recognition on Edge Devices: Training and Deployment. Sensors, 2021, 21, 4496.	3.8	5
39	Comment toxicity detection via a multichannel convolutional bidirectional gated recurrent unit. Neurocomputing, 2021, 441, 272-278.	5.9	31
40	This! Identifying New Sentiment Slang Through Orthographic Pleonasm Online: Yasss Slay Gorg Queen Ilysm. IEEE Intelligent Systems, 2021, 36, 114-120.	4.0	3
41	Stock trading rule discovery with double deep Q-network. Applied Soft Computing Journal, 2021, 107, 107320.	7.2	21
42	Artificial Intelligence, Social Media and Supply Chain Management: The Way Forward. Electronics (Switzerland), 2021, 10, 2348.	3.1	9
43	Taylorâ€™s theorem: A new perspective for neural tensor networks. Knowledge-Based Systems, 2021, 228, 107258.	7.1	14
44	Sequential fusion of facial appearance and dynamics for depression recognition. Pattern Recognition Letters, 2021, 150, 115-121.	4.2	25
45	A novel context-aware multimodal framework for persian sentiment analysis. Neurocomputing, 2021, 457, 377-388.	5.9	50
46	Guest Editorial: Industrial Internet of Things: Where Are We and What Is Next?. IEEE Transactions on Industrial Informatics, 2021, 17, 7700-7703.	11.3	13
47	Graph routing between capsules. Neural Networks, 2021, 143, 345-354.	5.9	8
48	Predicting video engagement using heterogeneous DeepWalk. Neurocomputing, 2021, 465, 228-237.	5.9	12
49	TOMN: Constituent-Based Tagging Scheme. A Practical Guide To Sentiment Analysis, 2021, , 59-75.	0.3	1
50	A Convolutional Stacked Bidirectional LSTM with a Multiplicative Attention Mechanism for Aspect Category and Sentiment Detection. Cognitive Computation, 2021, 13, 1423-1432.	5.2	28
51	<scp>MuSe-Toolbox:</scp> The Multimodal Sentiment Analysis Continuous Annotation Fusion and Discrete Class Transformation Toolbox. , 2021, , .		32
52	MuSe 2021 Challenge. , 2021, , .		9
53	Combining Sentiment Lexicons and Content-Based Features for Depression Detection. IEEE Intelligent Systems, 2021, 36, 99-105.	4.0	36
54	Fake News Detection Using XLNet Fine-Tuning Model. , 2021, , .		6

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55	Interpretable Representation Learning for Personality Detection. , 2021, , .		2
56	A Multitask Learning Framework for Multimodal Sentiment Analysis. , 2021, , .		7
57	Transformer-Based Bidirectional Encoder Representations for Emotion Detection from Text. , 2021, , .		1
58	DUSE: A New Benchmark Dataset for Drug User Sentiment Extraction. , 2021, , .		1
59	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.	4.9	21
60	End-to-End latent-variable task-oriented dialogue system with exact log-likelihood optimization. World Wide Web, 2020, 23, 1989-2002.	4.0	19
61	Recent trends in deep learning based personality detection. Artificial Intelligence Review, 2020, 53, 2313-2339.	15.7	160
62	A review of emotion sensing: categorization models and algorithms. Multimedia Tools and Applications, 2020, 79, 35553-35582.	3.9	80
63	Intent Classification for Dialogue Utterances. IEEE Intelligent Systems, 2020, 35, 82-88.	4.0	40
64	New Avenues in Mobile Tourism. , 2020, , .		1
65	Genetic Programming for Domain Adaptation in Product Reviews. , 2020, , .		8
66	Multi-Level Fine-Scaled Sentiment Sensing with Ambivalence Handling. International Journal of Uncertainty, Fuzziness and Knowlege-Based Systems, 2020, 28, 683-697.	1.9	66
67	Popularity prediction on vacation rental websites. Neurocomputing, 2020, 412, 372-380.	5.9	14
68	Deciphering Public Opinion of Nuclear Energy on Twitter. , 2020, , .		9
69	Commonsense Knowledge Enhanced Memory Network for Stance Classification. IEEE Intelligent Systems, 2020, 35, 102-109.	4.0	16
70	The Hourglass Model Revisited. IEEE Intelligent Systems, 2020, 35, 96-102.	4.0	114
71	Extracting Time Expressions and Named Entities with Constituent-Based Tagging Schemes. Cognitive Computation, 2020, 12, 844-862.	5.2	29
72	User reviews: Sentiment analysis using lexicon integrated two-channel CNNâ€"LSTMâ€‹ family models. Applied Soft Computing Journal, 2020, 94, 106435.	7.2	95

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73	The four dimensions of social network analysis: An overview of research methods, applications, and software tools. Information Fusion, 2020, 63, 88-120.	19.1	143
74	A review of sentiment analysis research in Arabic language. Future Generation Computer Systems, 2020, 112, 408-430.	7.5	112
75	A Review of Shorthand Systems: From Brachygraphy to Microtext and Beyond. Cognitive Computation, 2020, 12, 778-792.	5.2	22
76	Balancing computational complexity and generalization ability: A novel design for ELM. Neurocomputing, 2020, 401, 405-417.	5.9	11
77	Bridging Cognitive Models and Recommender Systems. Cognitive Computation, 2020, 12, 426-427.	5.2	29
78	How Intense Are You? Predicting Intensities of Emotions and Sentiments using Stacked Ensemble [Application Notes]. IEEE Computational Intelligence Magazine, 2020, 15, 64-75.	3.2	187
79	A survey on empathetic dialogue systems. Information Fusion, 2020, 64, 50-70.	19.1	112
80	Cross-Lingual Sentiment Quantification. IEEE Intelligent Systems, 2020, 35, 106-114.	4.0	24
81	Anaphora and coreference resolution: A review. Information Fusion, 2020, 59, 139-162.	19.1	86
82	Dialogue systems with audio context. Neurocomputing, 2020, 388, 102-109.	5.9	29
83	PerSent 2.0: Persian Sentiment Lexicon Enriched with Domain-Specific Words. Lecture Notes in Computer Science, 2020, , 497-509.	1.3	8
84	Predicting political sentiments of voters from Twitter in multi-party contexts. Applied Soft Computing Journal, 2020, 97, 106743.	7.2	33
85	Bottom-Up and Top-Down: Predicting Personality with Psycholinguistic and Language Model Features. , 2020, , .		45
86	One Belt, One Road, One Sentiment? A Hybrid Approach to Gauging Public Opinions on the New Silk Road Initiative. , 2020, , .		6
87	COAL: Convolutional Online Adaptation Learning for Opinion Mining. , 2020, , .		2
88	SenticNet 6: Ensemble Application of Symbolic and Subsymbolic AI for Sentiment Analysis. , 2020, , .		258
89	Dilated Convolutional Attention Network for Medical Code Assignment from Clinical Text. , 2020, , .		10
90	Sentic Computing. , 2020, , 1-6.		0

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91	MuSe 2020 Challenge and Workshop. , 2020, , .		31
92	Summary of MuSe 2020. , 2020, , .		10
93	Sentiment and Sarcasm Classification With Multitask Learning. IEEE Intelligent Systems, 2019, 34, 38-43.	4.0	164
94	Speaker-Independent Multimodal Sentiment Analysis for Big Data. , 2019, , 13-43.		3
95	Learning short-text semantic similarity with word embeddings and external knowledge sources. Knowledge-Based Systems, 2019, 182, 104842.	7.1	77
96	A Survey on Deep Learning in Image Polarity Detection: Balancing Generalization Performances and Computational Costs. Electronics (Switzerland), 2019, 8, 783.	3.1	25
97	Ensemble Application of Transfer Learning and Sample Weighting for Stock Market Prediction. , 2019, , .		9
98	Learning From Personal Longitudinal Dialog Data. IEEE Intelligent Systems, 2019, 34, 16-23.	4.0	8
99	DialogueRNN: An Attentive RNN for Emotion Detection in Conversations. Proceedings of the AAAI Conference on Artificial Intelligence, 2019, 33, 6818-6825.	4.9	338
100	Embedding Both Finite and Infinite Communities on Graphs [Application Notes]. IEEE Computational Intelligence Magazine, 2019, 14, 39-50.	3.2	71
101	Tweeting in Support of LGBT?. , 2019, , .		17
102	Cognitive-inspired domain adaptation of sentiment lexicons. Information Processing and Management, 2019, 56, 554-564.	8.6	92
103	Technical analysis and sentiment embeddings for market trend prediction. Expert Systems With Applications, 2019, 135, 60-70.	7.6	175
104	Supervised Learning for Fake News Detection. IEEE Intelligent Systems, 2019, 34, 76-81.	4.0	298
105	Fuzzy commonsense reasoning for multimodal sentiment analysis. Pattern Recognition Letters, 2019, 125, 264-270.	4.2	141
106	Computational Intelligence for Affective Computing and Sentiment Analysis [Guest Editorial]. IEEE Computational Intelligence Magazine, 2019, 14, 16-17.	3.2	59
107	Inconsistencies on TripAdvisor reviews: A unified index between users and Sentiment Analysis Methods. Neurocomputing, 2019, 353, 3-16.	5.9	53
108	Discovering Bayesian Market Views for Intelligent Asset Allocation. Lecture Notes in Computer Science, 2019, , 120-135.	1.3	12

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109	Segment-level joint topic-sentiment model for online review analysis. IEEE Intelligent Systems, 2019, 34, 43-50.	4.0	50
110	Sentiment-aware volatility forecasting. Knowledge-Based Systems, 2019, 176, 68-76.	7.1	52
111	Modelling customer satisfaction from online reviews using ensemble neural network and effect-based Kano model. International Journal of Production Research, 2019, 57, 7068-7088.	7.5	124
112	Learning binary codes with neural collaborative filtering for efficient recommendation systems. Knowledge-Based Systems, 2019, 172, 64-75.	7.1	69
113	Can a Humanoid Robot be part of the Organizational Workforce? A User Study Leveraging Sentiment Analysis. , 2019, , .		10
114	Understanding the Role of Social Media in Backpacker Tourism. , 2019, , .		7
115	Type Like a Man! Inferring Gender from Keystroke Dynamics in Live-Chats. IEEE Intelligent Systems, 2019, 34, 53-59.	4.0	19
116	A Novel Non-Iterative Parameter Estimation Method for Interval Type-2 Fuzzy Neural Networks Based on a Dynamic Cost Function. , 2019, , .		2
117	Seq2Seq Deep Learning Models for Microtext Normalization. , 2019, , .		14
118	Multitask Representation Learning for Multimodal Estimation of Depression Level. IEEE Intelligent Systems, 2019, 34, 45-52.	4.0	61
119	An Attention-Based Model for Learning Dynamic Interaction Networks. , 2019, , .		0
120	Learning with Similarity Functions: a Tensor-Based Framework. Cognitive Computation, 2019, 11, 31-49.	5.2	7
121	Disentangled Variational Auto-Encoder for semi-supervised learning. Information Sciences, 2019, 482, 73-85.	6.9	46
122	Growing semantic vines for robust asset allocation. Knowledge-Based Systems, 2019, 165, 297-305.	7.1	10
123	A tale of two epidemics: Contextual Word2Vec for classifying twitter streams during outbreaks. Information Processing and Management, 2019, 56, 247-257.	8.6	113
124	PhonSenticNet: A Cognitive Approach to Microtext Normalization for Concept-Level Sentiment Analysis. Lecture Notes in Computer Science, 2019, , 177-188.	1.3	14
125	MELD: A Multimodal Multi-Party Dataset for Emotion Recognition in Conversations. , 2019, , .		323
126	Towards Scalable and Reliable Capsule Networks for Challenging NLP Applications. , 2019, , .		90

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127	Theoretical Underpinnings on Text Mining. A Practical Guide To Sentiment Analysis, 2019, , 27-35.	0.3	0
128	Literature Review and Preliminaries. A Practical Guide To Sentiment Analysis, 2019, , 9-25.	0.3	0
129	Computational Semantics for Asset Correlations. A Practical Guide To Sentiment Analysis, 2019, , 37-61.	0.3	0
130	Sentiment Analysis for View Modeling. A Practical Guide To Sentiment Analysis, 2019, , 63-96.	0.3	0
131	Distinguishing between facts and opinions for sentiment analysis: Survey and challenges. Information Fusion, 2018, 44, 65-77.	19.1	176
132	A survey of graph processing on graphics processing units. Journal of Supercomputing, 2018, 74, 2086-2115.	3.6	33
133	Consensus vote models for detecting and filtering neutrality in sentiment analysis. Information Fusion, 2018, 44, 126-135.	19.1	89
134	Sentic LSTM: a Hybrid Network for Targeted Aspect-Based Sentiment Analysis. Cognitive Computation, 2018, 10, 639-650.	5.2	232
135	A Generative Model for category text generation. Information Sciences, 2018, 450, 301-315.	6.9	113
136	Learning multi-grained aspect target sequence for Chinese sentiment analysis. Knowledge-Based Systems, 2018, 148, 167-176.	7.1	124
137	Ensemble application of ELM and GPU for real-time multimodal sentiment analysis. Memetic Computing, 2018, 10, 3-13.	4.0	35
138	Bayesian network based extreme learning machine for subjectivity detection. Journal of the Franklin Institute, 2018, 355, 1780-1797.	3.4	128
139	Semi-supervised learning for big social data analysis. Neurocomputing, 2018, 275, 1662-1673.	5.9	181
140	Natural language based financial forecasting: a survey. Artificial Intelligence Review, 2018, 50, 49-73.	15.7	238
141	Semantically Enhanced Models for Commonsense Knowledge Acquisition. , 2018, , .		3
142	Multimodal Sentiment Analysis: Addressing Key Issues and Setting Up the Baselines. IEEE Intelligent Systems, 2018, 33, 17-25.	4.0	134
143	Investigating Timing and Impact of News on the Stock Market. , 2018, , .		9
144	Ensemble of Technical Analysis and Machine Learning for Market Trend Prediction. , 2018, , .		11

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145	Learning Visual Concepts in Images Using Temporal Convolutional Networks. , 2018, , .		4
146	BabelSenticNet: A Commonsense Reasoning Framework for Multilingual Sentiment Analysis. , 2018, , .		44
147	Conversational Memory Network for Emotion Recognition in Dyadic Dialogue Videos. , 2018, 2018, 2122-2132.		228
148	Time Expression Recognition Using a Constituent-based Tagging Scheme. , 2018, , .		21
149	Singlish SenticNet: A Concept-Based Sentiment Resource for Singapore English. , 2018, , .		3
150	Concept Extraction from Natural Text for Concept Level Text Analysis. A Practical Guide To Sentiment Analysis, 2018, , 79-84.	0.3	1
151	EmoSenticSpace: Dense Concept-Based Affective Features with Common-Sense Knowledge. A Practical Guide To Sentiment Analysis, 2018, , 85-116.	0.3	1
152	No, That Never Happened!! Investigating Rumors on Twitter. IEEE Intelligent Systems, 2018, 33, 8-15.	4.0	19
153	Public Moodâ€"Driven Asset Allocation: the Importance of Financial Sentiment in Portfolio Management. Cognitive Computation, 2018, 10, 1167-1176.	5.2	60
154	Multimodal Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2018, , .	0.3	18
155	Semantic Sentiment Analysis Challenge at ESWC2018. Communications in Computer and Information Science, 2018, , 117-128.	0.5	1
156	Literature Survey and Datasets. A Practical Guide To Sentiment Analysis, 2018, , 37-78.	0.3	0
157	Intelligent Asset Allocation via Market Sentiment Views. IEEE Computational Intelligence Magazine, 2018, 13, 25-34.	3.2	90
158	Combining Textual Clues with Audio-Visual Information for Multimodal Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2018, , 153-178.	0.3	5
159	Sounds of Silence Breakers: Exploring Sexual Violence on Twitter. , 2018, , .		34
160	OntoSenticNet: A Commonsense Ontology for Sentiment Analysis. IEEE Intelligent Systems, 2018, 33, 77-85.	4.0	114
161	Recent Trends in Deep Learning Based Natural Language Processing [Review Article]. IEEE Computational Intelligence Magazine, 2018, 13, 55-75.	3.2	2,089
162	MultimodalÂsentimentÂanalysis using hierarchicalÂfusion with contextÂmodeling. Knowledge-Based Systems, 2018, 161, 124-133.	7.1	237

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163	Subjectivity Detection in Nuclear Energy Tweets. Computacion Y Sistemas, 2018, 21, .	0.3	2
164	Relation Extraction of Medical Concepts Using Categorization and Sentiment Analysis. Cognitive Computation, 2018, 10, 670-685.	5.2	19
165	Benchmarking Multimodal Sentiment Analysis. Lecture Notes in Computer Science, 2018, , 166-179.	1.3	30
166	Efficient Semantic Search Over Structured Web Data: A GPU Approach. Lecture Notes in Computer Science, 2018, , 549-562.	1.3	1
167	CSenticNet: A Concept-Level Resource for Sentiment Analysis in Chinese Language. Lecture Notes in Computer Science, 2018, , 90-104.	1.3	6
168	ICON: Interactive Conversational Memory Network for Multimodal Emotion Detection. , 2018, , .		210
169	IARM: Inter-Aspect Relation Modeling with Memory Networks in Aspect-Based Sentiment Analysis. , 2018, , .		73
170	Modeling Inter-Aspect Dependencies for Aspect-Based Sentiment Analysis. , 2018, , .		52
171	Multimodal Language Analysis in the Wild: CMU-MOSEI Dataset and Interpretable Dynamic Fusion Graph. , 2018, , .		262
172	Sentiment Analysis, Basic Tasks of. , 2018, , 2434-2454.		0
173	ASR Hypothesis Reranking Using Prior-Informed Restricted Boltzmann Machine. Lecture Notes in Computer Science, 2018, , 503-514.	1.3	0
174	Classifying World Englishes from a Lexical Perspective: A Corpus-Based Approach. Lecture Notes in Computer Science, 2018, , 564-575.	1.3	0
175	Developing a Concept-Level Knowledge Base for Sentiment Analysis in Singlish. Lecture Notes in Computer Science, 2018, , 347-361.	1.3	0
176	GpSense: A GPU-Friendly Method for Commonsense Subgraph Matching in Massively Parallel Architectures. Lecture Notes in Computer Science, 2018, , 547-559.	1.3	1
177	A review of affective computing: From unimodal analysis to multimodal fusion. Information Fusion, 2017, 37, 98-125.	19.1	890
178	Ensemble application of convolutional neural networks and multiple kernel learning for multimodal sentiment analysis. Neurocomputing, 2017, 261, 217-230.	5.9	167
179	A Practical Guide to Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2017, , .	0.3	141
180	Concept-Level Sentiment Analysis with SenticNet. A Practical Guide To Sentiment Analysis, 2017, , 173-188.	0.3	8

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181	Affective Computing and Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2017, , 1-10.	0.3	119
182	A Review of Sentiment Analysis Research in Chinese Language. Cognitive Computation, 2017, 9, 423-435.	5.2	139
183	SLT-Based ELM for Big Social Data Analysis. Cognitive Computation, 2017, 9, 259-274.	5.2	11
184	Multilingual sentiment analysis: from formal to informal and scarce resource languages. Artificial Intelligence Review, 2017, 48, 499-527.	15.7	138
185	Open Secrets and Wrong Rights. , 2017, , .		4
186	Deep Learning-Based Document Modeling for Personality Detection from Text. IEEE Intelligent Systems, 2017, 32, 74-79.	4.0	393
187	Learning Word Representations for Sentiment Analysis. Cognitive Computation, 2017, 9, 843-851.	5.2	133
188	Storages Are Not Forever. Cognitive Computation, 2017, 9, 646-658.	5.2	4
189	Affective reasoning for big social data analysis. IEEE Transactions on Affective Computing, 2017, 8, 426-427.	8.3	5
190	Semantic Sentiment Analysis Challenge at ESWC2017. Communications in Computer and Information Science, 2017, , 109-123.	0.5	8
191	Learning Community Embedding with Community Detection and Node Embedding on Graphs. , 2017, , .		221
192	Ensemble application of convolutional and recurrent neural networks for multi-label text categorization. , 2017, , .		148
193	Semi-supervised Learning for Affective Common-Sense Reasoning. Cognitive Computation, 2017, 9, 18-42.	5.2	16
194	Adaptive two-stage feature selection for sentiment classification. , 2017, , .		11
195	Multi-level Multiple Attentions for Contextual Multimodal Sentiment Analysis. , 2017, , .		112
196	Sentiment Analysis Is a Big Suitcase. IEEE Intelligent Systems, 2017, 32, 74-80.	4.0	302
197	Predicting evolving chaotic time series with fuzzy neural networks. , 2017, , .		10
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199	Phonetic-Based Microtext Normalization for Twitter Sentiment Analysis. , 2017, , .		42
200	Auto-categorization of medical concepts and contexts. , 2017, , .		4
201	Let's Chat about Brexit! A Politically-Sensitive Dialog System Based on Twitter Data. , 2017, , .		4
202	Sentic Computing for Social Network Analysis. , 2017, , 71-90.		0
203	Sentiment Analysis, Basic Tasks of. , 2017, , 1-20.		2
204	SenticNet. A Practical Guide To Sentiment Analysis, 2017, , 39-103.	0.3	1
205	Tensor Fusion Network for Multimodal Sentiment Analysis. , 2017, , .		679
206	Time Expression Analysis and Recognition Using Syntactic Token Types and General Heuristic Rules. , 2017, , .		36
207	Context-Dependent Sentiment Analysis in User-Generated Videos. , 2017, , .		434
208	Application to Sentiment Analysis. A Practical Guide To Sentiment Analysis, 2017, , 105-125.	0.3	0
209	Lyapunov filtering of objectivity for Spanish Sentiment Model. , 2016, , .		18
210	Bayesian Deep Convolution Belief Networks for Subjectivity Detection. , 2016, , .		10
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212	Convolutional MKL Based Multimodal Emotion Recognition and Sentiment Analysis. , 2016, , .		354
213	Sentiment-Oriented Information Retrieval: Affective Analysis of Documents Based on the SenticNet Framework. Studies in Computational Intelligence, 2016, , 175-197.	0.9	3
214	A multilingual semi-supervised approach in deriving Singlish sentic patterns for polarity detection. Knowledge-Based Systems, 2016, 105, 236-247.	7.1	27
215	Learning word dependencies in text by means of a deep recurrent belief network. Knowledge-Based Systems, 2016, 108, 144-154.	7.1	86
216	Multilingual Sentiment Analysis: State of the Art and Independent Comparison of Techniques. Cognitive Computation, 2016, 8, 757-771.	5.2	177

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217	Computational Intelligence for Big Social Data Analysis [Guest Editorial]. IEEE Computational Intelligence Magazine, 2016, 11, 8-9.	3.2	32
218	Statistical Learning Theory and ELM for Big Social Data Analysis. IEEE Computational Intelligence Magazine, 2016, 11, 45-55.	3.2	88
219	New avenues in knowledge bases for natural language processing. Knowledge-Based Systems, 2016, 108, 1-4.	7.1	36
220	Sentic LDA: Improving on LDA with semantic similarity for aspect-based sentiment analysis. , 2016, , .		101
221	Role of Muscle Synergies in Real-Time Classification of Upper Limb Motions using Extreme Learning Machines. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 76.	4.6	40
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225	Affective Computing and Sentiment Analysis. IEEE Intelligent Systems, 2016, 31, 102-107.	4.0	967
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