Deyi Xiong

List of Publications by Year
in descending order

55 papers	1,045 citations	758635 12 h-index	676716 22 g-index
59 all docs	59 docs citations	59 times ranked	580 citing authors

#	Article	IF	Citations
1	Maximum entropy based phrase reordering model for statistical machine translation. , 2006, , .		107
2	Variational Neural Machine Translation. , 2016, , .		86
3	Neural Machine Translation with Deep Attention. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2020, 42, 154-163.	9.7	80
4	Modeling Source Syntax for Neural Machine Translation. , 2017, , .		73
5	Neural Machine Translation With GRU-Gated Attention Model. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4688-4698.	7.2	71
6	Shallow Convolutional Neural Network for Implicit Discourse Relation Recognition. , 2015, , .		70
7	A Hierarchy-to-Sequence Attentional Neural Machine Translation Model. IEEE/ACM Transactions on Audio Speech and Language Processing, 2018, 26, 623-632.	4.0	63
8	Accelerating Neural Transformer via an Average Attention Network. , 2018, , .		60
9	A Context-Aware Recurrent Encoder for Neural Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2017, 25, 2424-2432.	4.0	49
10	Enhanced aspect-based sentiment analysis models with progressive self-supervised attention learning. Artificial Intelligence, 2021, 296, 103477.	3.9	32
11	Translating Phrases in Neural Machine Translation. , 2017, , .		27
12	Topic-Based Coherence Modeling for Statistical Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2015, 23, 483-493.	4.0	22
13	A neural generative autoencoder for bilingual word embeddings. Information Sciences, 2018, 424, 287-300.	4.0	22
14	Attention Focusing for Neural Machine Translation by Bridging Source and Target Embeddings. , 2018, , .		21
15	Alignment-Supervised Bidimensional Attention-Based Recursive Autoencoders for Bilingual Phrase Representation. IEEE Transactions on Cybernetics, 2020, 50, 503-513.	6.2	19
16	Future-Aware Knowledge Distillation for Neural Machine Translation. IEEE/ACM Transactions on Audio Speech and Language Processing, 2019, 27, 2278-2287.	4.0	18
17	A Sense-Based Translation Model for Statistical Machine Translation. , 2014, , .		16
18	A Local Density Based Spatial Clustering Algorithm with Noise. , 2006, , .		14

#	Article	IF	Citations
19	Learning better discourse representation for implicit discourse relation recognition via attention networks. Neurocomputing, 2018, 275, 1241-1249.	3.5	14
20	RiSAWOZ: A Large-Scale Multi-Domain Wizard-of-Oz Dataset with Rich Semantic Annotations for Task-Oriented Dialogue Modeling. , 2020, , .		13
21	Topic-based term translation models for statistical machine translation. Artificial Intelligence, 2016, 232, 54-75.	3.9	12
22	A Maximum-Entropy Segmentation Model for Statistical Machine Translation. IEEE Transactions on Audio Speech and Language Processing, 2011, 19, 2494-2505.	3.8	11
23	Bilingual Correspondence Recursive Autoencoder for Statistical Machine Translation. , 2015, , .		11
24	Variational Neural Discourse Relation Recognizer. , 2016, , .		10
25	Simplifying Neural Machine Translation with Addition-Subtraction Twin-Gated Recurrent Networks. , 2018, , .		9
26	A syntax-driven bracketing model for phrase-based translation. , 2009, , .		9
27	Active Learning for Neural Machine Translation. , 2018, , .		8
28	Linguistically annotated BTG for statistical machine translation. , 2008, , .		6
29	A Context-Aware Topic Model for Statistical Machine Translation. , 2015, , .		6
30	Automatic Long Sentence Segmentation for Neural Machine Translation. Lecture Notes in Computer Science, 2016, , 162-174.	1.0	5
31	Alignment-consistent recursive neural networks for bilingual phrase embeddings. Knowledge-Based Systems, 2018, 156, 1-11.	4.0	5
32	Modeling Term Translation for Document-informed Machine Translation. , 2014, , .		5
33	Effective Data Augmentation Approaches to End-to-End Task-Oriented Dialogue. , 2019, , .		4
34	The Direct Path May Not Be The Best: Portuguese-Chinese Neural Machine Translation. Lecture Notes in Computer Science, 2019, , 757-768.	1.0	4
35	Graph-Based Collective Lexical Selection for Statistical Machine Translation. , 2015, , .		4
36	Learning Semantic Representations for Nonterminals in Hierarchical Phrase-Based Translation. , 2015, , .		4

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37	HTRDP evaluations on Chinese information processing and intelligent human-machine interface. Frontiers of Computer Science, 2007, 1, 58-93.	0.6	3
38	Linguistically Annotated Reordering: Evaluation and Analysis. Computational Linguistics, 2010, 36, 535-568.	2.5	3
39	Cross-lingual implicit discourse relation recognition with co-training. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 651-661.	1.5	3
40	Effective Strategies for Low-Resource Reading Comprehension. , 2020, , .		3
41	Tagging Complex NEs with MaxEnt Models: Layered Structures Versus Extended Tagset. Lecture Notes in Computer Science, 2005, , 537-544.	1.0	2
42	Backward and trigger-based language models for statistical machine translation. Natural Language Engineering, 2015, 21, 201-226.	2.1	2
43	A linguistically annotated reordering model for BTG-based statistical machine translation. , 2008, , .		2
44	HisBERT for Conversational Reading Comprehension. , 2020, , .		2
45	Improving Chinese-English Neural Machine Translation with Detected Usages of Function Words. Lecture Notes in Computer Science, 2018, , 741-749.	1.0	1
46	Modeling Homophone Noise for Robust Neural Machine Translation. , 2021, , .		1
47	Context-Aware Phrase Representation for Statistical Machine Translation. Lecture Notes in Computer Science, 2018, , 137-149.	1.0	1
48	Lexicalized Beam Thresholding Parsing with Prior and Boundary Estimates. Lecture Notes in Computer Science, 2005, , 132-141.	1.0	1
49	Neural machine translation with constraints. Scientia Sinica Informationis, 2018, 48, 574-588.	0.2	1
50	Detecting and Translating Dropped Pronouns in Neural Machine Translation. Lecture Notes in Computer Science, 2019, , 343-354.	1.0	1
51	Semantic Similarity from Natural Language and Ontology Analysis. Computational Linguistics, 2016, 42, 829-831.	2.5	0
52	Adapted competitive learning on continuous semantic space for word sense induction. Neurocomputing, 2016, 171, 1475-1485.	3.5	0
53	Two Effective Approaches to Data Reduction for Neural Machine Translation: Static and Dynamic Sentence Selection. , 2018, , .		0
54	Neural Machine Translation with Phrasal Attention. Communications in Computer and Information Science, 2017, , 1-8.	0.4	0

#	Article	IF	Citations
55	Unsupervised and few-shot parsing from pretrained language models. Artificial Intelligence, 2022, 305, 103665.	3.9	0