Gary Geunbae Lee

List of Publications by Year
in descending order

64	861	686830	580395
papers	citations	13	25
		h-index	g-index

67	67	67	450
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Example-based dialog modeling for practical multi-domain dialog system. Speech Communication, 2009, 51, 466-484.	1.6	115
2	On the effectiveness of Robot-Assisted Language Learning. ReCALL, 2011, 23, 25-58.	3.2	115
3	Triangular-Chain Conditional Random Fields. IEEE Transactions on Audio Speech and Language Processing, 2008, 16, 1287-1302.	3.8	66
4	Multi-domain spoken language understanding with transfer learning. Speech Communication, 2009, 51, 412-424.	1.6	48
5	Data-driven user simulation for automated evaluation of spoken dialog systems. Computer Speech and Language, 2009, 23, 479-509.	2.9	46
6	Syllable-Pattern-Based Unknown-Morpheme Segmentation and Estimation for Hybrid Part-of-Speech Tagging of Korean. Computational Linguistics, 2002, 28, 53-70.	2.5	26
7	Neural sentence embedding using only in-domain sentences for out-of-domain sentence detection in dialog systems. Pattern Recognition Letters, 2017, 88, 26-32.	2.6	23
8	Example-based chat-oriented dialogue system with personalized long-term memory. , 2015, , .		22
9	Hybrid approach to robust dialog management using agenda and dialog examples. Computer Speech and Language, 2010, 24, 609-631.	2.9	21
10	Two-stage multi-intent detection for spoken language understanding. Multimedia Tools and Applications, 2017, 76, 11377-11390.	2.6	21
11	A frame-based probabilistic framework for spoken dialog management using dialog examples. , 2008, , .		21
12	Morpheme-based grapheme to phoneme conversion using phonetic patterns and morphophonemic connectivity information. ACM Transactions on Asian Language Information Processing, 2002, 1, 65-82.	0.8	18
13	POSTECH Immersive English Study (POMY): Dialog-Based Language Learning Game. IEICE Transactions on Information and Systems, 2014, E97.D, 1830-1841.	0.4	17
14	Efficient implementation of associative classifiers for document classification. Information Processing and Management, 2007, 43, 393-405.	5.4	13
15	Practical use of non-local features for statistical spoken language understanding. Computer Speech and Language, 2008, 22, 148-170.	2.9	13
16	Hybrid user intention modeling to diversify dialog simulations. Computer Speech and Language, 2011, 25, 307-326.	2.9	12
17	Seamless error correction interface for voice word processor. , 2012, , .		12
18	Automatic sentence stress feedback for non-native English learners. Computer Speech and Language, 2017, 41, 29-42.	2.9	12

#	ARTICLE	IF	CITATIONS
19	Exploiting non-local features for spoken language understanding. , 2006, , .		12
20	Using Utterance and Semantic Level Confidence for Interactive Spoken Dialog Clarification. Journal of Computing Science and Engineering, 2008, 2, 1-25.	0.3	12
21	An effective procedure for constructing a hierarchical text classification system. Journal of the Association for Information Science and Technology, 2006, 57, 431-442.	2.6	11
22	Unsupervised learning of mDTD extraction patterns for Web text mining. Information Processing and Management, 2003, 39, 623-637.	5.4	10
23	JOINTLY PREDICTING DIALOG ACT AND NAMED ENTITY FOR SPOKEN LANGUAGE UNDERSTANDING. , 2006, , .		10
24	DialogStudio: A workbench for data-driven spoken dialog system development and management. Speech Communication, 2008, 50, 697-715.	1.6	10
25	Correlation-based query relaxation for example-based dialog modeling. , 2009, , .		10
26	Unsupervised Spoken Language Understanding for a Multi-Domain Dialog System. IEEE Transactions on Audio Speech and Language Processing, 2013, 21, 2451-2464.	3.8	10
27	Exploring term dependences in probabilistic information retrieval model. Information Processing and Management, 2003, 39, 505-519.	5.4	9
28	Information extraction with automatic knowledge expansion. Information Processing and Management, 2005, 41, 217-242.	5.4	9
29	Exploring phrasal context and error correction heuristics in bootstrapping for geographic named entity annotation. Information Systems, 2007, 32, 575-592.	2.4	9
30	A data-driven grapheme-to-phoneme conversion method using dynamic contextual converting rules for Korean TTS systems. Computer Speech and Language, 2009, 23, 423-434.	2.9	9
31	Modeling confirmations for example-based dialog management. , 2010, , .		9
32	Grammatical error simulation for computer-assisted language learning. Knowledge-Based Systems, 2011, 24, 868-876.	4.0	9
33	Acquisition and Use of Long-Term Memory for Personalized Dialog Systems. Lecture Notes in Computer Science, 2015, , 78-87.	1.0	9
34	Emotion Recognition for Affective User Interfaces using Natural Language Dialogs. , 2007, , .		8
35	CHAT AND GOAL-ORIENTED DIALOG TOGETHER: A UNIFIED EXAMPLE-BASED ARCHITECTURE FOR MULTI-DOMAIN DIALOG MANAGEMENT. , 2006, , .		7
36	Cross-Lingual Annotation Projection for Weakly-Supervised Relation Extraction. ACM Transactions on Asian Language Information Processing, 2014, 13, 1-26.	0.8	7

#	Article	IF	Citations
37	Adversarial approach to domain adaptation for reinforcement learning on dialog systems. Pattern Recognition Letters, 2019, 128, 467-473.	2.6	6
38	Foreign Language Tutoring in Oral Conversations Using Spoken Dialog Systems. IEICE Transactions on Information and Systems, 2012, E95.D, 1216-1228.	0.4	5
39	An Example-Based Approach to Ranking Multiple Dialog States for Flexible Dialog Management. IEEE Journal on Selected Topics in Signal Processing, 2012, 6, 943-958.	7.3	5
40	Automatic agenda graph construction from human-human dialogs using clustering method. , 2009, , .		5
41	Integrated multi-strategic Web document pre-processing for sentence and word boundary detection. Information Processing and Management, 2002, 38, 509-527.	5.4	4
42	Example-based error recovery strategy for spoken dialog system. , 2007, , .		4
43	Structures for Spoken Language Understanding: A Two-Step Approach. , 2007, , .		4
44	Grapheme-to-phoneme conversion using automatically extracted associative rules for Korean TTS system. , 0, , .		4
45	Let's Buy Books: Finding eBooks using voice search. , 2010, , .		3
46	Unsupervised modeling of user actions in a dialog corpus. , 2012, , .		3
47	Grammatical error correction based on learner comprehension model in oral conversation. , 2014, , .		3
48	Open-domain personalized dialog system using user-interested topics in system responses. , 2015, , .		3
49	A multiple classifier-based concept-spotting approach for robust spoken language understanding. , 0, , .		3
50	Multiple Heuristics and Their Combination for Automatic WordNet Mapping. Computers and the Humanities, 2004, 38, 437-455.	1.4	2
51	An alignment-based pattern representation model for information extraction. , 2008, , .		2
52	A local tree alignment approach to relation extraction of multiple arguments. Information Processing and Management, 2011, 47, 593-605.	5.4	2
53	Generating grammar questions using corpus data in L2 learning. , 2012, , .		2
54	A Two-Step Approach for Efficient Domain Selection in Multi-Domain Dialog Systems. , 2014, , 125-131.		2

#	Article	IF	Citations
55	A Spoken Dialogue System for Electronic Program Guide Information Access. , 2007, , .		1
56	Machine Learning Approaches to Spoken Language Understanding for Ambient Intelligence. , 2010, , 185-224.		1
57	Iteratively constrained selection of word alignment links using knowledge and statistics. Knowledge-Based Systems, 2011, 24, 1120-1130.	4.0	1
58	Vowel-reduction feedback system for non-native learners of English. , 2014, , .		1
59	Exploiting out-of-vocabulary words for out-of-domain detection in dialog systems. , 2014, , .		1
60	An Alignment-Based Approach to Semi-supervised Relation Extraction Including Multiple Arguments. , 2008, , 526-536.		1
61	An automatic pitch accent feedback system for english learners with adaptation of an english corpus spoken by Koreans. , 2012, , .		0
62	Sentence completion task using web-scale data. , 2014, , .		0
63	One-Step Error Detection and Correction Approach for Voice Word Processor. IEICE Transactions on Information and Systems, 2015, E98.D, 1517-1525.	0.4	0
64	Fujisaki Model Based Intonation Modeling for Korean TTS System. Communications in Computer and Information Science, 2010, , 103-111.	0.4	0