

William Shi-Yuan Wang

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

2,518
citations

257450

24
h-index

214800

47
g-index

100
all docs

100
docs citations

100
times ranked

1254
citing authors

#	ARTICLE	IF	CITATIONS
1	Chapter 3. Ambiguity resolution and the evolution of homophones in English. <i>Current Issues in Linguistic Theory</i> , 2022, , 62-90.	0.2	0
2	Foreign Language Learning in Older Adults: Anatomical and Cognitive Markers of Vocabulary Learning Success. <i>Frontiers in Human Neuroscience</i> , 2022, 16, 787413.	2.0	1
3	Age-Related Decline of Classifier Usage in Southwestern Mandarin. , 2021, , .		1
4	Can inhibition deficit hypothesis account for age-related differences in semantic fluency? Converging evidence from Stroop color and word test and an ERP flanker task. <i>Brain and Language</i> , 2021, 218, 104952.	1.6	9
5	Regularity and randomness in ageing: Differences in resting-state EEG complexity measured by largest Lyapunov exponent. <i>NeuroImage Reports</i> , 2021, 1, 100054.	1.0	6
6	The effect of Mandarin listeners' musical and pitch aptitude on perceptual learning of Cantonese level-tones. <i>Journal of the Acoustical Society of America</i> , 2021, 149, 435-446.	1.1	17
7	Music as social bonding: A cross-cultural perspective. <i>Behavioral and Brain Sciences</i> , 2021, 44, e95.	0.7	1
8	Which cognitive functions subserve clustering and switching in category fluency? Generalisations from an extended set of semantic categories using linear mixed-effects modelling. <i>Quarterly Journal of Experimental Psychology</i> , 2020, 73, 2132-2147.	1.1	9
9	Resting-State EEG-Based Biometrics with Signals Features Extracted by Multivariate Empirical Mode Decomposition. , 2020, , .		0
10	Language and the brain in the sunset years 1. , 2019, , 605-623.		1
11	Conflict monitoring in multi-sensory flanker tasks: Effects of cross-modal distractors on the N2 component. <i>Neuroscience Letters</i> , 2018, 670, 31-35.	2.1	9
12	The Effect of Speech Variability on Tonal Language Speakers'™ Second Language Lexical Tone Learning. <i>Frontiers in Psychology</i> , 2018, 9, 1982.	2.1	8
13	Critical periods for language. <i>Physics of Life Reviews</i> , 2018, 26-27, 179-183.	2.8	2
14	Neural bases of congenital amusia in tonal language speakers. <i>Neuropsychologia</i> , 2017, 97, 18-28.	1.6	33
15	Event-related potentials Source Separation based on a weak exclusion principle. , 2017, , .		1
16	Delta, theta, beta, and gamma brain oscillations index levels of auditory sentence processing. <i>NeuroImage</i> , 2016, 133, 516-528.	4.2	84
17	An EEG blind source separation algorithm based on a weak exclusion principle. , 2016, 2016, 859-862.		1
18	Functionally integrated neural processing of linguistic and talker information: An event-related fMRI and ERP study. <i>NeuroImage</i> , 2016, 124, 536-549.	4.2	37

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19	Resting State EEG-based biometrics for individual identification using convolutional neural networks. , 2015, 2015, 2848-51.		71
20	The Peoples and Languages of China. , 2015, , .		1
21	The Influence of Tone Inventory on ERP without Focal Attention: A Cross-Language Study. Computational and Mathematical Methods in Medicine, 2014, 2014, 1-7.	1.3	7
22	Models “ simple but not simpler. Physics of Life Reviews, 2014, 11, 315-316.	2.8	1
23	Pre-lexical phonological processing in reading Chinese characters: An ERP study. Journal of Neurolinguistics, 2014, 30, 14-26.	1.1	12
24	Sub-lexical phonological and semantic processing of semantic radicals: a primed naming study. Reading and Writing, 2013, 26, 967-989.	1.7	20
25	Achieving constancy in spoken word identification: Time course of talker normalization. Brain and Language, 2013, 126, 193-202.	1.6	28
26	Effects of long-term acoustic experience and local context information on the perceptual accommodation of talker variability. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
27	The Effect of Intertalker Variations on Acoustic“Perceptual Mapping in Cantonese and Mandarin Tone Systems. Journal of Speech, Language, and Hearing Research, 2012, 55, 579-595.	1.6	49
28	Unequal effects of speech and nonspeech contexts on the perceptual normalization of Cantonese level tones. Journal of the Acoustical Society of America, 2012, 132, 1088-1099.	1.1	36
29	A Chinese Text Input Brain“Computer Interface Based on the P300 Speller. International Journal of Human-Computer Interaction, 2012, 28, 472-483.	4.8	27
30	Brain-computer interface (BCI). , 2012, , .		1
31	The impact of tone systems on the categorical perception of lexical tones: An event-related potentials study. Language and Cognitive Processes, 2012, 27, 184-209.	2.2	31
32	AMBIGUITY RESOLUTION AND EVOLUTION OF WORD ORDER. , 2012, , .		1
33	Hemisphere lateralization is influenced by bilingual status and composition of words. Neuropsychologia, 2011, 49, 1981-1986.	1.6	24
34	Languages and Genes. Communication on Contemporary Anthropology, 2011, 5, .	0.0	1
35	EVOLUTION OF GRAMMATICAL FORMS. , 2010, , .		0
36	The influence of language experience on categorical perception of pitch contours. Journal of Phonetics, 2010, 38, 616-624.	1.2	122

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37	An Assistive Communication Brain-Computer Interface for Chinese Text Input. International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering, 2010, , .	0.0	10
38	A simulation study exploring the role of cultural transmission in language evolution. Connection Science, 2010, 22, 69-85.	3.0	8
39	Cultural background influences the liminal perception of Chinese characters: An ERP study. Journal of Neurolinguistics, 2010, 23, 416-426.	1.1	18
40	Coevolution of language and intentionality sharing. , 2009, , .		0
41	A simulation study on word order bias. Interaction Studies, 2009, 10, 51-75.	0.6	18
42	Modelling endangered languages: The effects of bilingualism and social structure. Lingua, 2008, 118, 19-45.	1.0	117
43	Conventionalization of Linguistic Knowledge Under Communicative Constraints. Biological Theory, 2008, 3, 154-163.	1.5	4
44	The networks of syllables and characters in Chineseâ—. Journal of Quantitative Linguistics, 2008, 15, 243-255.	1.2	21
45	Conventionalization of Linguistic Categories under Simple Communicative Constraints. , 2008, , .		0
46	Exploring social structure effect on language evolution based on a computational model. Connection Science, 2008, 20, 135-153.	3.0	15
47	EVOLUTION OF THE GLOBAL ORGANIZATION OF THE LEXICON. , 2008, , .		0
48	THE ROLE OF CULTURAL TRANSMISSION IN INTENTION SHARING. , 2008, , .		0
49	THE ROLE OF THE NAMING GAME IN SOCIAL STRUCTURE. , 2008, , .		1
50	A simulative study of the roles of cultural transmission in language evolution. , 2007, , .		0
51	Talking and human evolution. Trends in Ecology and Evolution, 2007, 22, 290-291.	8.7	0
52	Generalisation towards Combinatorial Productivity in Language Acquisition by Simple Recurrent Networks. , 2007, , .		2
53	COMPUTATIONAL SIMULATION ON THE COEVOLUTION OF COMPOSITIONALITY AND REGULARITY. , 2006, , .		2
54	A LANGUAGE EMERGENCE MODEL PREDICTS WORD ORDER BIAS. , 2006, , .		2

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55	Tone recognition of continuous Cantonese speech based on support vector machines. <i>Speech Communication</i> , 2005, 45, 49-62.	2.8	36
56	Vertical and horizontal transmission in language evolution. <i>Transactions of the Philological Society</i> , 2005, 103, 121-146.	0.3	35
57	Coevolution of lexicon and syntax from a simulation perspective. <i>Complexity</i> , 2005, 10, 50-62.	1.6	16
58	categorization in artificial agents: guidance on empirical research?. <i>Behavioral and Brain Sciences</i> , 2005, 28, 511-512.	0.7	0
59	The invasion of language: emergence, change and death. <i>Trends in Ecology and Evolution</i> , 2005, 20, 263-269.	8.7	79
60	Kusunda: An Indo-Pacific language in Nepal. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5692-5695.	7.1	27
61	On detecting borrowing. <i>Diachronica</i> , 2003, 20, 289-330.	0.5	20
62	Optimization Models of Sound Systems Using Genetic Algorithms. <i>Computational Linguistics</i> , 2003, 29, 1-18.	3.3	28
63	Self-organization and selection in the emergence of vocabulary. <i>Complexity</i> , 2002, 7, 41-54.	1.6	62
64	HUMAN DIVERSITY AND LANGUAGE DIVERSITY. , 2001, , .		2
65	Change in language: Whitney, Br�al, and Wegener By Brigitte Nerlich (review). <i>Language</i> , 1991, 67, 412-413.	0.6	0
66	Vocal Physiology: Voice Production, Mechanisms and Functions. <i>Language</i> , 1989, 65, 660.	0.6	32
67	Spatial Distance and Lexical Replacement. <i>Language</i> , 1986, 62, 38.	0.6	8
68	Speech and Speaker Recognition. <i>Language</i> , 1986, 62, 706.	0.6	4
69	Electronic Synthesis of Speech. <i>Language</i> , 1986, 62, 705.	0.6	0
70	Organum ex machina?. <i>Behavioral and Brain Sciences</i> , 1984, 7, 210-211.	0.7	1
71	The written languages of the world: A survey of the degree and modes of use. Volume 1: The Americas Ed. by Heinz Kloss and Grant D. McConnell (review). <i>Language</i> , 1981, 57, 247-247.	0.6	0
72	The Written Languages of the World: A Survey of the Degree and Modes of Use. Volume 1: The Americas. <i>Language</i> , 1981, 57, 247.	0.6	1

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73	Language and Linguistics in the People's Republic of China. <i>Language</i> , 1980, 56, 197.	0.6	1
74	Visual lateralisation effect in reading Chinese characters. <i>Nature</i> , 1979, 282, 499-501.	27.8	151
75	The Role of Speech in Language. <i>Language</i> , 1979, 55, 941.	0.6	28
76	Cerebral lateralization of function and bilingual decision processes: Is thinking lateralized?. <i>Brain and Language</i> , 1978, 5, 56-71.	1.6	93
77	Acoustic Phonetics: A Course of Basic Readings. <i>Language</i> , 1977, 53, 726.	0.6	2
78	: Studies in Tone and Intonation . R. M. Brend.. <i>American Anthropologist</i> , 1977, 79, 478-479.	1.4	0
79	Cerebral lateralisation effects in visual half-field experiments. <i>Nature</i> , 1977, 269, 705-707.	27.8	22
80	LANGUAGE CHANGE. <i>Annals of the New York Academy of Sciences</i> , 1976, 280, 61-72.	3.8	96
81	Sound Change: Actuation and Implementation. <i>Language</i> , 1975, 51, 255.	0.6	169
82	The Chinese Language. <i>Scientific American</i> , 1973, 228, 50-60.	1.0	207
83	CLIBOC: Chinese Linguistics Bibliography on Computer. <i>Journal of the American Oriental Society</i> , 1973, 93, 214.	0.0	0
84	Studies in the Yue dialects I: Phonology of Cantonese. <i>Modern Language Journal</i> , 1973, 57, 289.	2.3	0
85	THE MANY USES OF Fo. , 1972, , 487-504.		9
86	R. S. Meyerstein, Functional load: descriptive limitations, alternatives of assessment and extensions of application. <i>The Hague: Mouton</i> , 1970. Pp. 134.. <i>Journal of Linguistics</i> , 1972, 8, 338-340.	0.6	0
87	Chinese Characters and Their Impact on Other Languages of East Asia. <i>Modern Language Journal</i> , 1971, 55, 187.	2.3	2
88	Project DOC: Its Methodological Basis. <i>Journal of the American Oriental Society</i> , 1970, 90, 57.	0.0	10
89	Competing Changes as a Cause of Residue. <i>Language</i> , 1969, 45, 9.	0.6	362
90	Vowel Features, Paired Variables, and the English Vowel Shift. <i>Language</i> , 1968, 44, 695.	0.6	43

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91	Tables of Transitional Frequencies of English Phonemes. <i>Language</i> , 1965, 41, 525.	0.6	10
92	Two Aspect Markers in Mandarin. <i>Language</i> , 1965, 41, 457.	0.6	46
93	STRESS IN ENGLISH*. <i>Language Learning</i> , 1962, 12, 69-77.	2.7	2
94	Frequency Studies of English Consonants. <i>Language and Speech</i> , 1960, 3, 131-139.	1.1	25
95	The development of Middle English Ä« in England: A study in dynamic dialectology. , 0, , .		0
96	Evolution theory and lexical diffusion. , 0, , .		2
97	Chinese Literacy. , 0, , 386-417.		8
98	Effect of Noise on Lexical Tone Perception in Cantonese-Speaking Amusics. , 0, , .		9