William Shi-Yuan Wang

List of Publications by Year
in descending order

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	Competing Changes as a Cause of Residue. Language, 1969, 45, 9.	0.6	362
2	The Chinese Language. Scientific American, 1973, 228, 50-60.	1.0	207
3	Sound Change: Actuation and Implementation. Language, 1975, 51, 255.	0.6	169
4	Visual lateralisation effect in reading Chinese characters. Nature, 1979, 282, 499-501.	27.8	151
5	The influence of language experience on categorical perception of pitch contours. Journal of Phonetics, 2010, 38, 616-624.	1.2	122
6	Modelling endangered languages: The effects of bilingualism and social structure. Lingua, 2008, 118, 19-45.	1.0	117
7	LANGUAGE CHANGE. Annals of the New York Academy of Sciences, 1976, 280, 61-72.	3.8	96
8	Cerebral lateralization of function and bilingual decision processes: Is thinking lateralized?. Brain and Language, 1978, 5, 56-71.	1.6	93
9	Delta, theta, beta, and gamma brain oscillations index levels of auditory sentence processing. NeuroImage, 2016, 133, 516-528.	4.2	84
10	The invasion of language: emergence, change and death. Trends in Ecology and Evolution, 2005, 20, 263-269.	8.7	79
11	Resting State EEG-based biometrics for individual identification using convolutional neural networks. , 2015, 2015, 2848-51.		71
12	Self-organization and selection in the emergence of vocabulary. Complexity, 2002, 7, 41-54.	1.6	62
13	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
14	Two Aspect Markers in Mandarin. Language, 1965, 41, 457.	0.6	46
15	Vowel Features, Paired Variables, and the English Vowel Shift. Language, 1968, 44, 695.	0.6	43
16	Functionally integrated neural processing of linguistic and talker information: An event-related fMRI and ERP study. NeuroImage, 2016, 124, 536-549.	4.2	37
17	Tone recognition of continuous Cantonese speech based on support vector machines. Speech Communication, 2005, 45, 49-62.	2.8	36
18	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

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19	Vertical and horizontal transmission in language evolution. Transactions of the Philological Society, 2005, 103, 121-146.	0.3	35
20	Neural bases of congenital amusia in tonal language speakers. Neuropsychologia, 2017, 97, 18-28.	1.6	33
21	Vocal Physiology: Voice Production, Mechanisms and Functions. Language, 1989, 65, 660.	0.6	32
22	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
23	The Role of Speech in Language. Language, 1979, 55, 941.	0.6	28
24	Optimization Models of Sound Systems Using Genetic Algorithms. Computational Linguistics, 2003, 29, 1-18.	3.3	28
25	Achieving constancy in spoken word identification: Time course of talker normalization. Brain and Language, 2013, 126, 193-202.	1.6	28
26	Kusunda: An Indo-Pacific language in Nepal. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 5692-5695.	7.1	27
27	A Chinese Text Input Brainâ€"Computer Interface Based on the P300 Speller. International Journal of Human-Computer Interaction, 2012, 28, 472-483.	4.8	27
28	Frequency Studies of English Consonants. Language and Speech, 1960, 3, 131-139.	1.1	25
29	Hemisphere lateralization is influenced by bilingual status and composition of words. Neuropsychologia, 2011, 49, 1981-1986.	1.6	24
30	Cerebral lateralisation effects in visual half-field experiments. Nature, 1977, 269, 705-707.	27.8	22
31	The networks of syllables and characters in Chineseâ—. Journal of Quantitative Linguistics, 2008, 15, 243-255.	1.2	21
32	On detecting borrowing. Diachronica, 2003, 20, 289-330.	0.5	20
33	Sub-lexical phonological and semantic processing of semantic radicals: a primed naming study. Reading and Writing, 2013, 26, 967-989.	1.7	20
34	A simulation study on word order bias. Interaction Studies, 2009, 10, 51-75.	0.6	18
35	Cultural background influences the liminal perception of Chinese characters: An ERP study. Journal of Neurolinguistics, 2010, 23, 416-426.	1.1	18
36	The effect of Mandarin listeners' musical and pitch aptitude on perceptual learning of Cantonese level-tones. Journal of the Acoustical Society of America, 2021, 149, 435-446.	1.1	17

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37	Coevolution of lexicon and syntax from a simulation perspective. Complexity, 2005, 10, 50-62.	1.6	16
38	Exploring social structure effect on language evolution based on a computational model. Connection Science, 2008, 20, 135-153.	3.0	15
39	Pre-lexical phonological processing in reading Chinese characters: An ERP study. Journal of Neurolinguistics, 2014, 30, 14-26.	1.1	12
40	Tables of Transitional Frequencies of English Phonemes. Language, 1965, 41, 525.	0.6	10
41	Project DOC: Its Methodological Basis. Journal of the American Oriental Society, 1970, 90, 57.	0.0	10
42	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
43	THE MANY USES OF Fo. , 1972, , 487-504.		9
44	Conflict monitoring in multi-sensory flanker tasks: Effects of cross-modal distractors on the N2 component. Neuroscience Letters, 2018, 670, 31-35.	2.1	9
45	Which cognitive functions subserve clustering and switching in category fluency? Generalisations from an extended set of semantic categories using linear mixed-effects modelling. Quarterly Journal of Experimental Psychology, 2020, 73, 2132-2147.	1.1	9
46	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. Brain and Language, 2021, 218, 104952.	1.6	9
47	Effect of Noise on Lexical Tone Perception in Cantonese-Speaking Amusics. , 0, , .		9
48	Spatial Distance and Lexical Replacement. Language, 1986, 62, 38.	0.6	8
49	A simulation study exploring the role of cultural transmission in language evolution. Connection Science, 2010, 22, 69-85.	3.0	8
50	The Effect of Speech Variability on Tonal Language Speakersâ€™ Second Language Lexical Tone Learning. Frontiers in Psychology, 2018, 9, 1982.	2.1	8
51	Chinese Literacy. , 0, , 386-417.		8
52	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
53	Regularity and randomness in ageing: Differences in resting-state EEG complexity measured by largest Lyapunov exponent. NeuroImage Reports, 2021, 1, 100054.	1.0	6
54	Speech and Speaker Recognition. Language, 1986, 62, 706.	0.6	4

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55	Conventionalization of Linguistic Knowledge Under Communicative Constraints. Biological Theory, 2008, 3, 154-163.	1.5	4
56	STRESS IN ENGLISH*. Language Learning, 1962, 12, 69-77.	2.7	2
57	Chinese Characters and Their Impact on Other Languages of East Asia. Modern Language Journal, 1971, 55, 187.	2.3	2
58	Acoustic Phonetics: A Course of Basic Readings. Language, 1977, 53, 726.	0.6	2
59	Evolution theory and lexical diffusion. , 0, , .		2
60	Generalisation towards Combinatorial Productivity in Language Acquisition by Simple Recurrent Networks. , 2007, , .		2
61	Critical periods for language. Physics of Life Reviews, 2018, 26-27, 179-183.	2.8	2
62	COMPUTATIONAL SIMULATION ON THE COEVOLUTION OF COMPOSITIONALITY AND REGULARITY. , 2006, , .		2
63	HUMAN DIVERSITY AND LANGUAGE DIVERSITY. , 2001, , .		2
64	A LANGUAGE EMERGENCE MODEL PREDICTS WORD ORDER BIAS. , 2006, , .		2
65	Language and Linguistics in the People's Republic of China. Language, 1980, 56, 197.	0.6	1
66	The Written Languages of the World: A Survey of the Degree and Modes of Use. Volume 1: The Americas. Language, 1981, 57, 247.	0.6	1
67	Organum ex machina?. Behavioral and Brain Sciences, 1984, 7, 210-211.	0.7	1
68	Brain--computer interface (BCI). , 2012, , .		1
69	Models â€" simple but not simpler. Physics of Life Reviews, 2014, 11, 315-316.	2.8	1
70	An EEG blind source separation algorithm based on a weak exclusion principle. , 2016, 2016, 859-862.		1
71	Event-related potentials Source Separation based on a weak exclusion principle. , 2017, , .		1
72	Age-Related Decline of Classifier Usage in Southwestern Mandarin. , 2021, , .		1

#	ARTICLE	IF	CITATIONS
73	Music as social bonding: A cross-cultural perspective. Behavioral and Brain Sciences, 2021, 44, e95.	0.7	1
74	THE ROLE OF THE NAMING GAME IN SOCIAL STRUCTURE. , 2008, , .		1
75	Languages and Genes. Communication on Contemporary Anthropology, 2011, 5, .	0.0	1
76	AMBIGUITY RESOLUTION AND EVOLUTION OF WORD ORDER. , 2012, , .		1
77	The Peoples and Languages of China. , 2015, , .		1
78	Language and the brain in the sunset years 1. , 2019, , 605-623.		1
79	Foreign Language Learning in Older Adults: Anatomical and Cognitive Markers of Vocabulary Learning Success. Frontiers in Human Neuroscience, 2022, 16, 787413.	2.0	1
80	R. S. Meyerstein, Functional load: descriptive limitations, alternatives of assessment and extensions of application. The Hague: Mouton, 1970. Pp. 134.. Journal of Linguistics, 1972, 8, 338-340.	0.6	0
81	CLIBOC: Chinese Linguistics Bibliography on Computer. Journal of the American Oriental Society, 1973, 93, 214.	0.0	0
82	Studies in the Yue dialects I: Phonology of Cantonese. Modern Language Journal, 1973, 57, 289.	2.3	0
83	: Studies in Tone and Intonation . R. M. Brend.. American Anthropologist, 1977, 79, 478-479.	1.4	0
84	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). Language, 1981, 57, 247-247.	0.6	0
85	Electronic Synthesis of Speech. Language, 1986, 62, 705.	0.6	0
86	Change in language: Whitney, BrÃ©al, and Wegener By Brigitte Nerlich (review). Language, 1991, 67, 412-413.	0.6	0
87	The development of Middle English Ä« in England: A study in dynamic dialectology. , 0, , .		0
88	categorization in artificial agents: guidance on empirical research?. Behavioral and Brain Sciences, 2005, 28, 511-512.	0.7	0
89	A simulative study of the roles of cultural transmission in language evolution. , 2007, , .		0
90	Talking and human evolution. Trends in Ecology and Evolution, 2007, 22, 290-291.	8.7	0

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91	Conventionalization of Linguistic Categories under Simple Communicative Constraints. , 2008, , .		0
92	Coevolution of language and intentionality sharing. , 2009, , .		0
93	EVOLUTION OF GRAMMATICAL FORMS. , 2010, , .		0
94	Resting-State EEG-Based Biometrics with Signals Features Extracted by Multivariate Empirical Mode Decomposition. , 2020, , .		0
95	EVOLUTION OF THE GLOBAL ORGANIZATION OF THE LEXICON. , 2008, , .		0
96	THE ROLE OF CULTURAL TRANSMISSION IN INTENTION SHARING. , 2008, , .		0
97	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
98	ChapterÂ3. Ambiguity resolution and the evolution of homophones in English. Current Issues in Linguistic Theory, 2022, , 62-90.	0.2	0