

Ioulia Kovelman

List of Publications by Year in descending order

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59
papers

1,977
citations

394390

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265191

42
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times ranked

2296
citing authors

#	ARTICLE	IF	CITATIONS
1	Brain bases of English morphological processing: A comparison between Chinese-English, Spanish-English bilingual, and English monolingual children. <i>Developmental Science</i> , 2023, 26, .	2.4	5
2	The neurocognitive basis of morphological processing in typical and impaired readers. <i>Annals of Dyslexia</i> , 2022, 72, 361-383.	1.7	8
3	What-™s in a word? Cross-linguistic influences on Spanish-English and Chinese-English bilingual children-™s word reading development. <i>Child Development</i> , 2022, 93, 84-100.	3.0	18
4	Contributions of bilingual home environment and language proficiency on children-™s Spanish-English reading outcomes. <i>Child Development</i> , 2022, 93, 881-899.	3.0	8
5	Person-specific connectivity mapping uncovers differences of bilingual language experience on brain bases of attention in children. <i>Brain and Language</i> , 2022, 227, 105084.	1.6	7
6	Morphological and phonological processing in English monolingual, Chinese-English bilingual, and Spanish-English bilingual children: An fNIRS neuroimaging dataset. <i>Data in Brief</i> , 2022, 42, 108048.	1.0	6
7	Cross-linguistic differences in the associations between morphological awareness and reading in Spanish and English in young simultaneous bilinguals. <i>International Journal of Bilingual Education and Bilingualism</i> , 2022, 25, 3907-3923.	2.1	5
8	Persistent alterations of cortical hemodynamic response in asymptomatic concussed patients. <i>Concussion</i> , 2021, 6, CNC84.	1.0	1
9	Decoding the role of the cerebellum in the early stages of reading acquisition. <i>Cortex</i> , 2021, 141, 262-279.	2.4	8
10	How Bilingualism Informs Theory of Mind Development. <i>Child Development Perspectives</i> , 2021, 15, 154-159.	3.9	14
11	Tinnitus and auditory cortex; Using adapted functional <sc>near-infrared-™spectroscopy</sc> to expand brain imaging in humans. <i>Laryngoscope Investigative Otolaryngology</i> , 2021, 6, 137-144.	1.5	8
12	Tinnitus and auditory cortex: using adapted functional near-infrared spectroscopy to measure resting-state functional connectivity. <i>NeuroReport</i> , 2021, 32, 66-75.	1.2	6
13	More than meets the eye: The neural development of emotion face processing during infancy. , 2020, 59, 101430.		5
14	Photogrammetry-based stereoscopic optode registration method for functional near-infrared spectroscopy. <i>Journal of Biomedical Optics</i> , 2020, 25, .	2.6	50
15	Brain metabolism monitoring through CCO measurements using all-fiber-integrated super-continuum source. , 2020, 11234, .		1
16	Measuring Changes In Attention Task And Hemodynamic Oxygenation In Post-Concussion Patients Using Functional Near-infrared Spectroscopy. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 312-312.	0.4	0
17	Predictive Processing during a Naturalistic Statistical Learning Task in ASD. <i>ENeuro</i> , 2020, 7, .	1.9	1
18	Predictive Processing during a Naturalistic Statistical Learning Task in ASD. <i>ENeuro</i> , 2020, 7, ENEURO.0069-19.2020.	1.9	3

#	ARTICLE	IF	CITATIONS
19	Bilingual exposure enhances left IFG specialization for language in children. <i>Bilingualism</i> , 2019, 22, 783-801.	1.3	19
20	Spoken language proficiency predicts print-speech convergence in beginning readers. <i>NeuroImage</i> , 2019, 201, 116021.	4.2	26
21	Bilingual effects on lexical selection: A neurodevelopmental perspective. <i>Brain and Language</i> , 2019, 195, 104640.	1.6	18
22	Morphological processing in Chinese engages left temporal regions. <i>Brain and Language</i> , 2019, 199, 104696.	1.6	13
23	Tracking qualitative changes in cognition and brain development through bilingualism. <i>Journal of Neurolinguistics</i> , 2019, 49, 255-257.	1.1	2
24	Predictive sentence comprehension during story-listening in autism spectrum disorder. <i>Language, Cognition and Neuroscience</i> , 2019, 34, 428-439.	1.2	9
25	The effects of Spanish heritage language literacy on English reading for Spanish-English bilingual children in the US. <i>International Journal of Bilingual Education and Bilingualism</i> , 2019, 22, 192-206.	2.1	25
26	Simultaneous acquisition of English and Chinese impacts children's reliance on vocabulary, morphological and phonological awareness for reading in English. <i>International Journal of Bilingual Education and Bilingualism</i> , 2019, 22, 207-223.	2.1	21
27	Persistent Neurobehavioral Markers of Developmental Morphosyntax Errors in Adults. <i>Journal of Speech, Language, and Hearing Research</i> , 2019, 62, 4497-4508.	1.6	2
28	Brain Functional Changes before, during, and after Clinical Pain. <i>Journal of Dental Research</i> , 2018, 97, 523-529.	5.2	12
29	Patterns of altered neural synchrony in the default mode network in autism spectrum disorder revealed with magnetoencephalography (MEG): Relationship to clinical symptomatology. <i>Autism Research</i> , 2018, 11, 434-449.	3.8	22
30	Sharing as a model for understanding division. <i>NeuroReport</i> , 2018, 29, 889-893.	1.2	2
31	Human central auditory plasticity: A review of functional near-infrared spectroscopy (fNIRS) to measure cochlear implant performance and tinnitus perception. <i>Laryngoscope Investigative Otolaryngology</i> , 2018, 3, 463-472.	1.5	25
32	Bilingualism alters children's frontal lobe functioning for attentional control. <i>Developmental Science</i> , 2017, 20, e12377.	2.4	58
33	Bilingualism yields language-specific plasticity in left hemisphere's circuitry for learning to read in young children. <i>Neuropsychologia</i> , 2017, 98, 34-45.	1.6	19
34	Phonological Working Memory for Words and Nonwords in Cerebral Cortex. <i>Journal of Speech, Language, and Hearing Research</i> , 2017, 60, 1959-1979.	1.6	43
35	Brain bases of morphological processing in Chinese-English bilingual children. <i>Developmental Science</i> , 2017, 20, e12449.	2.4	21
36	Tinnitus alters resting state functional connectivity (RSFC) in human auditory and non-auditory brain regions as measured by functional near-infrared spectroscopy (fNIRS). <i>PLoS ONE</i> , 2017, 12, e0179150.	2.5	23

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37	Human Auditory and Adjacent Nonauditory Cerebral Cortices Are Hypermetabolic in Tinnitus as Measured by Functional Near-Infrared Spectroscopy (fNIRS). <i>Neural Plasticity</i> , 2016, 2016, 1-13.	2.2	25
38	Magnetoencephalography shows atypical sensitivity to linguistic sound sequences in autism spectrum disorder. <i>NeuroReport</i> , 2016, 27, 982-986.	1.2	8
39	In young readers, the left hemisphere supports the link between temporal processing and phonological awareness. <i>Speech, Language and Hearing</i> , 2016, 19, 17-26.	1.0	4
40	Functional Near-Infrared Spectroscopy Brain Imaging Investigation of Phonological Awareness and Passage Comprehension Abilities in Adult Recipients of Cochlear Implants. <i>Journal of Speech, Language, and Hearing Research</i> , 2016, 59, 239-253.	1.6	21
41	Children's belief- and desire-reasoning in the temporoparietal junction: evidence for specialization from functional near-infrared spectroscopy. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 560.	2.0	14
42	Comparison of motion correction techniques applied to functional near-infrared spectroscopy data from children. <i>Journal of Biomedical Optics</i> , 2015, 20, 126003.	2.6	30
43	Culturally non-preferred cognitive tasks require compensatory attention: a functional near infrared spectroscopy (fNIRS) investigation. <i>Culture and Brain</i> , 2015, 3, 53-67.	0.5	37
44	Brain bases of morphological processing in young children. <i>Human Brain Mapping</i> , 2015, 36, 2890-2900.	3.6	21
45	Multimodal imaging of temporal processing in typical and atypical language development. <i>Annals of the New York Academy of Sciences</i> , 2015, 1337, 7-15.	3.8	9
46	“One glove does not fit all” in bilingual reading acquisition: Using the age of first bilingual language exposure to understand optimal contexts for reading success. <i>Cogent Education</i> , 2015, 2, 1006504.	1.5	9
47	Words in the bilingual brain: an fNIRS brain imaging investigation of lexical processing in sign-speech bimodal bilinguals. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 606.	2.0	14
48	Should Bilingual Children Learn Reading in Two Languages at the Same Time or in Sequence?. <i>Bilingual Research Journal</i> , 2013, 36, 35-60.	1.2	48
49	Brain Basis of Phonological Awareness for Spoken Language in Children and Its Disruption in Dyslexia. <i>Cerebral Cortex</i> , 2012, 22, 754-764.	2.9	131
50	At the rhythm of language: Brain bases of language-related frequency perception in children. <i>NeuroImage</i> , 2012, 60, 673-682.	4.2	20
51	The “Perceptual Wedge Hypothesis” as the basis for bilingual babies’ phonetic processing advantage: New insights from fNIRS brain imaging. <i>Brain and Language</i> , 2012, 121, 130-143.	1.6	222
52	Cortical systems that process language, as revealed by non-native speech sound perception. <i>NeuroReport</i> , 2011, 22, 947-950.	1.2	8
53	Evaluating the validity of volume-based and surface-based brain image registration for developmental cognitive neuroscience studies in children 4 to 11 years of age. <i>NeuroImage</i> , 2010, 53, 85-93.	4.2	243
54	Dual language use in sign-speech bimodal bilinguals: fNIRS brain-imaging evidence. <i>Brain and Language</i> , 2009, 109, 112-123.	1.6	55

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55	Shining new light on the brain's "bilingual signature": A functional Near Infrared Spectroscopy investigation of semantic processing. <i>NeuroImage</i> , 2008, 39, 1457-1471.	4.2	81
56	Age of first bilingual language exposure as a new window into bilingual reading development. <i>Bilingualism</i> , 2008, 11, 203-223.	1.3	165
57	Bilingual and Monolingual Brains Compared: A Functional Magnetic Resonance Imaging Investigation of Syntactic Processing and a Possible "Neural Signature" of Bilingualism. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 153-169.	2.3	218
58	Bilingual and Monolingual Brains Compared: A Functional Magnetic Resonance Imaging Investigation of Syntactic Processing and a Possible "Neural Signature" of Bilingualism. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 153-169.	2.3	47
59	Are There Separate Neural Systems for Spelling? New Insights into the Role of Rules and Memory in Spelling from Functional Magnetic Resonance Imaging. <i>Mind, Brain, and Education</i> , 2007, 1, 48-59.	1.9	25