Yury Yu Shtyrov

List of Publications by Year
in descending order

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152 papers	6,866 citations	66250 44 h-index	78623 77 g-index
163 all docs	163 docs citations	163 times ranked	4562 citing authors

#	Article	IF	Citations
1	Anodal tDCS over Broca's area improves fast mapping and explicit encoding of novel vocabulary. Neuropsychologia, 2022, 168, 108156.	0.7	4
2	Native language experience shapes preâ€attentive foreign tone processing and guides rapid memory trace buildâ€up: An <scp>ERP</scp> study. Psychophysiology, 2022, 59, e14042.	1.2	3
3	Editorial: Experimental Approaches to Pragmatics. Frontiers in Psychology, 2022, 13, 865737.	1.1	1
4	Brocaâ€™s area involvement in abstract and concrete word acquisition: tDCS evidence. Neurobiology of Learning and Memory, 2022, 192, 107622.	1.0	4
5	Explicit encoding vs. fast mapping of novel spoken words: Electrophysiological and behavioural evidence of diverging mechanisms. Neuropsychologia, 2022, 172, 108268.	0.7	2
6	Individual differences in bilingual experience modulate executive control network and performance: behavioral and structural neuroimaging evidence. Bilingualism, 2021, 24, 293-304.	1.0	12
7	Acquisition of concrete and abstract words is modulated by tDCS of Wernickeâ€™s area. Scientific Reports, 2021, 11, 1508.	1.6	12
8	Functional connectivity of spoken language processing in early-stage Parkinsonâ€™s disease: An MEG study. NeuroImage: Clinical, 2021, 32, 102718.	1.4	13
9	Bilingualism and Reserve: Etiology of Successful Aging. Advances in Intelligent Systems and Computing, 2021, , 75-83.	0.5	0
10	Behavioral and Neurophysiological Correlates of Orthographic Learning in L1 and L2 Alphabets. Advances in Intelligent Systems and Computing, 2021, , 345-358.	0.5	1
11	Electrophysiological Evidence of Dissociation Between Explicit Encoding and Fast Mapping of Novel Spoken Words. Frontiers in Psychology, 2021, 12, 571673.	1.1	10
12	Phonological transfer effects in novice learners: A learner's brain detects grammar errors only if the language sounds familiar. Bilingualism, 2021, 24, 656-669.	1.0	3
13	STNâ€DBS affects language processing differentially in Parkinson's disease: Multipleâ€case MEG study. Acta Neurologica Scandinavica, 2021, 144, 132-141.	1.0	8
14	Biliteracy and acquisition of novel written words: the impact of phonological conflict between L1 and L2 scripts. Psychological Research, 2021, , 1.	1.0	2
15	Rapid microstructural plasticity in the cortical semantic network following a short language learning session. PLoS Biology, 2021, 19, e3001290.	2.6	17
16	Contextual Acquisition of Concrete and Abstract Words: Behavioural and Electrophysiological Evidence. Brain Sciences, 2021, 11, 898.	1.1	7
17	Attriters and Bilinguals: Whatâ€™s in a Name?. Frontiers in Psychology, 2021, 12, 558228.	1.1	3
18	EXPRESS: Deliberative Process in Sharing Information with Different Audiences: Eye-tracking Correlates. Quarterly Journal of Experimental Psychology, 2021, , 174702182110474.	0.6	1

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19	First Language Attrition: What It Is, What It Isnâ€™t, and What It Can Be. Frontiers in Human Neuroscience, 2021, 15, 686388.	1.0	5
20	Symposium Title: Neurolinguistic Circuits: Spatio-Temporal Configuration, Formation, and Function. International Journal of Psychophysiology, 2021, 168, S87.	0.5	0
21	Understanding Language Attrition through Orthography. Languages, 2021, 6, 199.	0.3	0
22	Quick reorganization of memory traces for morphologically complex words in young children. Neuropsychologia, 2020, 138, 107309.	0.7	2
23	Different neural mechanisms for rapid acquisition of words with grammatical tone in learners from tonal and non-tonal backgrounds: ERP evidence. Brain Research, 2020, 1729, 146614.	1.1	11
24	Referentâ€™s Lexical Frequency Predicts Mismatch Negativity Responses to New Words Following Semantic Training. Journal of Psycholinguistic Research, 2020, 49, 187-198.	0.7	16
25	Russian Norms for 500 General-Knowledge Questions. Frontiers in Psychology, 2020, 11, 545304.	1.1	3
26	Applied potential of task-free event-related paradigms for assessing neurocognitive functions in disorders of consciousness. Brain Communications, 2020, 2, fcaa087.	1.5	3
27	Editorial: Brain-Behaviour Interfaces in Linguistic Communication. Frontiers in Human Neuroscience, 2020, 14, 324.	1.0	0
28	Rapid acquisition of novel written word-forms: ERP evidence. Behavioral and Brain Functions, 2020, 16, 11.	1.4	13
29	Neurophysiological Correlates of Top-Down Phonological and Semantic Influence during the Orthographic Processing of Novel Visual Word-Forms. Brain Sciences, 2020, 10, 717.	1.1	7
30	Error-Related Negativity as a Marker of Unconscious Sensitivity to Stimulus Ambiguity. Neuroscience and Behavioral Physiology, 2020, 50, 428-431.	0.2	0
31	Cognitive and brain reserve in bilinguals: field overview and explanatory mechanisms. Journal of Cultural Cognitive Science, 2020, 4, 127-143.	0.5	16
32	It is Not What You Think it is: Erp Correlates of Verbal And Non-Verbal Ambiguity Processing. Neuroscience and Behavioral Physiology, 2020, 50, 306-314.	0.2	3
33	Objective assessment of automatic language comprehension mechanisms in the brain: Novel E/MEG paradigm. Psychophysiology, 2020, 57, e13543.	1.2	7
34	Anterior temporal lobe is necessary for efficient lateralised processing of spoken word identity. Cortex, 2020, 126, 107-118.	1.1	19
35	Crosslinguistic interplay between semantics and phonology in late bilinguals: neurophysiological evidence. Bilingualism, 2019, 22, 209-227.	1.0	8
36	Concrete vs. Abstract Semantics: From Mental Representations to Functional Brain Mapping. Frontiers in Human Neuroscience, 2019, 13, 267.	1.0	35

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37	Transcranial Direct Current Stimulation (tDCS) of Wernicke's and Broca's Areas in Studies of Language Learning and Word Acquisition. Journal of Visualized Experiments, 2019, , .	0.2	10
38	MVPA Analysis of Intertrial Phase Coherence of Neuromagnetic Responses to Words Reliably Classifies Multiple Levels of Language Processing in the Brain. ENeuro, 2019, 6, ENEURO.0444-18.2019.	0.9	9
39	Learning with the wave of the hand: Kinematic and TMS evidence of primary motor cortex role in category-specific encoding of word meaning. NeuroImage, 2019, 202, 116179.	2.1	18
40	Effects of Visual Priming and Event Orientation on Word Order Choice in Russian Sentence Production. Frontiers in Psychology, 2019, 10, 1661.	1.1	9
41	Acquisition of L2 morphology by adult language learners. Cortex, 2019, 116, 74-90.	1.1	18
42	Explicitly Slow, Implicitly Fast, or the Other Way Around? Brain Mechanisms for Word Acquisition. Frontiers in Human Neuroscience, 2019, 13, 116.	1.0	9
43	Hierarchical structure priming from mathematics to two- and three-site relative clause attachment. Cognition, 2019, 189, 155-166.	1.1	15
44	Conflict Resolution Ability in Late Bilinguals Improves With Increased Second-Language Proficiency: ANT Evidence. Frontiers in Psychology, 2019, 10, 2825.	1.1	8
45	The Monetary Incentive Delay (MID) Task Induces Changes in Sensory Processing: ERP Evidence. Frontiers in Human Neuroscience, 2019, 13, 382.	1.0	7
46	Neurophysiological Correlates of Fast Mapping of Novel Words in the Adult Brain. Frontiers in Human Neuroscience, 2019, 13, 304.	1.0	17
47	Transcranial Direct Current Stimulation as a Tool to Induce Language Recovery in Patients with Post-Stroke Aphasia. Neuroscience and Behavioral Physiology, 2019, 49, 1169-1180.	0.2	6
48	Different answers to different audiences: effects of social context on the accuracy-informativeness trade-off. Memory, 2018, 26, 993-1007.	0.9	7
49	Neural processing of morphosyntactic tonal cues in second-language learners. Journal of Neurolinguistics, 2018, 45, 60-78.	0.5	21
50	When words burn â€“ language processing differentially modulates pain perception in typical and chronic pain populations. Language and Cognition, 2018, 10, 626-640.	0.2	2
51	Automatic Lexical Access in Visual Modality: Eye-Tracking Evidence. Frontiers in Psychology, 2018, 9, 1847.	1.1	3
52	Motor (but not auditory) attention affects syntactic choice. PLoS ONE, 2018, 13, e0195547.	1.1	2
53	Build-up of neocortical representations for morphemes: E/MEG studies. International Journal of Psychophysiology, 2018, 131, S13.	0.5	0
54	Formation of neocortical memory circuits for unattended written word forms: neuromagnetic evidence. Scientific Reports, 2018, 8, 15829.	1.6	14

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55	Testing the efforts model of simultaneous interpreting: An ERP study. PLoS ONE, 2018, 13, e0206129.	1.1	10
56	Impaired neural mechanism for online novel word acquisition in dyslexic children. Scientific Reports, 2018, 8, 12779.	1.6	16
57	Taskâ€free auditory EEG paradigm for probing multiple levels of speech processing in the brain. Psychophysiology, 2018, 55, e13216.	1.2	20
58	ÐÐµÐºÐ±Ð¸Ð»Ð¸Ñ‚Ð°Ñ†Ð¸Ñ•Ñ€ÐµÑ‡Ð¸ Ð¿Ñ€Ð¸ Ñ…Ñ€Ð¾Ð½Ð¸Ñ‡ÐµÑÐºÐ¾Ð¹ Ð¿Ð¾ÑÑ‚Ð¸Ð½ÑÑƒÐ»ÑŒÑ‚Ð½Ð¾Ð¹ Ð°Ñ„Ð°Ð·Ð¸Ð¸: Ð	0.1	
59	First-pass neocortical processing of spoken language takes only 30 msec: Electrophysiological evidence. Cognitive Neuroscience, 2017, 8, 24-38.	0.6	25
60	Primary motor cortex functionally contributes to language comprehension: An online rTMS study. Neuropsychologia, 2017, 96, 222-229.	0.7	107
61	Flexible, rapid and automatic neocortical word form acquisition mechanism in children as revealed by neuromagnetic brain response dynamics. NeuroImage, 2017, 155, 450-459.	2.1	26
62	Cortical networks for reference-frame processing are shared by language and spatial navigation systems. NeuroImage, 2017, 161, 120-133.	2.1	4
63	The role of executive control in the activation of manual affordances. Psychological Research, 2017, 81, 1110-1124.	1.0	6
64	Transcranial Direct Current Stimulation as a Tool to Induce Language Recovery in Patients with Post-Stroke Aphasia: An Overview of Studies. SSRN Electronic Journal, 2017, , .	0.4	0
65	Reduced Volume of the Arcuate Fasciculus in Adults with High-Functioning Autism Spectrum Conditions. Frontiers in Human Neuroscience, 2016, 10, 214.	1.0	17
66	Judgments of Learning for Words in Vertical Space. Frontiers in Psychology, 2016, 7, 1894.	1.1	2
67	Acquisition and consolidation of novel morphology in human neocortex: A neuromagnetic study. Cortex, 2016, 83, 1-16.	1.1	17
68	Hemispheric contributions to language reorganisation: An MEG study of neuroplasticity in chronic post stroke aphasia. Neuropsychologia, 2016, 93, 413-424.	0.7	37
69	Early neurophysiological indices of second language morphosyntax learning. Neuropsychologia, 2016, 82, 18-30.	0.7	22
70	Individual language experience modulates rapid formation of cortical memory circuits for novel words. Scientific Reports, 2016, 6, 30227.	1.6	25
71	Silent Expectations: Dynamic Causal Modeling of Cortical Prediction and Attention to Sounds That Weren't. Journal of Neuroscience, 2016, 36, 8305-8316.	1.7	106
72	Near-instant automatic access to visually presented words in the human neocortex: neuromagnetic evidence. Scientific Reports, 2016, 6, 26558.	1.6	17

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73	Brain basis of communicative actions in language. NeuroImage, 2016, 125, 857-867.	2.1	51
74	Executive Control in Manual Affordances. Journal of Vision, 2016, 16, 984.	0.1	0
75	When ultrarapid is ultrarapid: on importance of temporal precision in neuroscience of language. Frontiers in Human Neuroscience, 2015, 9, 576.	1.0	11
76	Two Distinct Auditory-Motor Circuits for Monitoring Speech Production as Revealed by Content-Specific Suppression of Auditory Cortex. Cerebral Cortex, 2015, 25, 1576-1586.	1.6	34
77	Real-time Functional Architecture of Visual Word Recognition. Journal of Cognitive Neuroscience, 2015, 27, 246-265.	1.1	35
78	Rapid and automatic speech-specific learning mechanism in human neocortex. NeuroImage, 2015, 118, 282-291.	2.1	51
79	Ultra-Rapid Access to Words in Chronic Aphasia: The Effects of Intensive Language Action Therapy (ILAT). Brain Topography, 2015, 28, 279-291.	0.8	21
80	Word tones cueing morphosyntactic structure: Neuroanatomical substrates and activation time-course assessed by EEG and fMRI. Brain and Language, 2015, 150, 14-21.	0.8	29
81	Lost for emotion words: What motor and limbic brain activity reveals about autism and semantic theory. NeuroImage, 2015, 104, 413-422.	2.1	37
82	Early activation of Brocaâ€™s area in grammar processing as revealed by the syntactic mismatch negativity and distributed source analysis. Cognitive Neuroscience, 2014, 5, 66-76.	0.6	27
83	Brain Routes for Reading in Adults with and without Autism: EMEG Evidence. Journal of Autism and Developmental Disorders, 2014, 44, 137-153.	1.7	20
84	Automatic ultrarapid activation and inhibition of cortical motor systems in spoken word comprehension. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E1918-23.	3.3	99
85	Neural Dynamics of Speech Act Comprehension: An MEG Study of Naming and Requesting. Brain Topography, 2014, 27, 375-392.	0.8	44
86	Cortical motor systems are involved in second-language comprehension: Evidence from rapid mu-rhythm desynchronisation. NeuroImage, 2014, 102, 695-703.	2.1	56
87	Past tense in the brain's time: Neurophysiological evidence for dual-route processing of past-tense verbs. NeuroImage, 2013, 71, 187-195.	2.1	27
88	Multiple routes for compound word processing in the brain: Evidence from EEG. Brain and Language, 2013, 126, 217-229.	0.8	56
89	Neural dynamics of inflectional and derivational morphology processing in the human brain. Cortex, 2013, 49, 2758-2771.	1.1	37
90	Sensorimotor semantics on the spot: brain activity dissociates between conceptual categories within 150 ms. Scientific Reports, 2013, 3, 1928.	1.6	60

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91	Interfaces between language and cognition. Frontiers in Psychology, 2013, 4, 258.	1.1	4
92	Early and parallel processing of pragmatic and semantic information in speech acts: neurophysiological evidence. Frontiers in Human Neuroscience, 2013, 7, 86.	1.0	49
93	Automatic processing of unattended lexical information in visual oddball presentation: neurophysiological evidence. Frontiers in Human Neuroscience, 2013, 7, 421.	1.0	27
94	Neural dynamics of inflectional and derivational processing in spoken word comprehension: laterality and automaticity. Frontiers in Human Neuroscience, 2013, 7, 759.	1.0	20
95	Brain Basis of Meaning, Words, Constructions, and Grammar. , 2013, , .		19
96	Attention to language: Novel MEG paradigm for registering involuntary language processing in the brain. Neuropsychologia, 2012, 50, 2605-2616.	0.7	31
97	Neural Bases of Rapid Word Learning. Neuroscientist, 2012, 18, 312-319.	2.6	39
98	They played with the trade: MEG investigation of the processing of past tense verbs and their phonological twins. Neuropsychologia, 2012, 50, 3713-3720.	0.7	7
99	Can language-action links explain language laterality?: An ERP study of perceptual and articulatory learning of novel pseudowords. Cortex, 2012, 48, 871-881.	1.1	27
100	Fast reconfiguration of high-frequency brain networks in response to surprising changes in auditory input. Journal of Neurophysiology, 2012, 107, 1421-1430.	0.9	36
101	When do you grasp the idea? MEG evidence for instantaneous idiom understanding. NeuroImage, 2012, 59, 3502-3513.	2.1	133
102	Ultra-rapid access to words in the brain. Nature Communications, 2012, 3, 711.	5.8	157
103	Event-related potentials reflecting the frequency of unattended spoken words: A neuronal index of connection strength in lexical memory circuits?. NeuroImage, 2011, 55, 658-668.	2.1	48
104	Fast Mapping of Novel Word Forms Traced Neurophysiologically. Frontiers in Psychology, 2011, 2, 340.	1.1	41
105	Strength of Word-Specific Neural Memory Traces Assessed Electrophysiologically. PLoS ONE, 2011, 6, e22999.	1.1	50
106	Heating up or cooling up the brain? MEG evidence that phrasal verbs are lexical units. Brain and Language, 2010, 115, 189-201.	0.8	94
107	Rapid Cortical Plasticity Underlying Novel Word Learning. Journal of Neuroscience, 2010, 30, 16864-16867.	1.7	89
108	Arabic Morphology in the Neural Language System. Journal of Cognitive Neuroscience, 2010, 22, 998-1010.	1.1	49

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109	Automaticity and attentional control in spoken language processing. Mental Lexicon, 2010, 5, 255-276.	0.2	42
110	Interactions between Language and Attention Systems: Early Automatic Lexical Processing?. Journal of Cognitive Neuroscience, 2010, 22, 1465-1478.	1.1	70
111	Objective Measures of Auditory Scene Analysis. , 2010, , 507-519.		10
112	Effects of attention on what is known and what is not: MEG evidence for functionally discrete memory circuits. Frontiers in Human Neuroscience, 2009, 3, 10.	1.0	49
113	Spatiotemporal Signatures of Large-Scale Synfire Chains for Speech Processing as Revealed by MEG. Cerebral Cortex, 2009, 19, 79-88.	1.6	59
114	Understanding in an instant: Neurophysiological evidence for mechanistic language circuits in the brain. Brain and Language, 2009, 110, 81-94.	0.8	227
115	Auditory size-deviant detection in adults and newborn infants. Biological Psychology, 2009, 82, 169-175.	1.1	13
116	Changes in the perceived duration of a narrowband sound induced by a preceding stimulus.. Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 1898-1912.	0.7	10
117	Syntax as a reflex: Neurophysiological evidence for early automaticity of grammatical processing. Brain and Language, 2008, 104, 244-253.	0.8	131
118	The time course of action and action-word comprehension in the human brain as revealed by neurophysiology. Journal of Physiology (Paris), 2008, 102, 50-58.	2.1	143
119	Memory Traces for Spoken Words in the Brain as Revealed by the Hemodynamic Correlate of the Mismatch Negativity. Cerebral Cortex, 2008, 18, 29-37.	1.6	34
120	Early MEG Activation Dynamics in the Left Temporal and Inferior Frontal Cortex Reflect Semantic Context Integration. Journal of Cognitive Neuroscience, 2007, 19, 1633-1642.	1.1	71
121	Language in the Mismatch Negativity Design. Journal of Psychophysiology, 2007, 21, 176-187.	0.3	61
122	Tracking speech comprehension in space and time. NeuroImage, 2006, 31, 1297-1305.	2.1	76
123	Motor cortex maps articulatory features of speech sounds. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 7865-7870.	3.3	555
124	Language outside the focus of attention: The mismatch negativity as a tool for studying higher cognitive processes. Progress in Neurobiology, 2006, 79, 49-71.	2.8	336
125	The sound of actions as reflected by mismatch negativity: rapid activation of cortical sensory-motor networks by sounds associated with finger and tongue movements. European Journal of Neuroscience, 2006, 23, 811-821.	1.2	68
126	Training in Morse code enhances involuntary attentional switching to acoustic frequency: Evidence from ERPs. Brain Research, 2006, 1073-1074, 417-424.	1.1	17

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127	Determinants of dominance: Is language laterality explained by physical or linguistic features of speech?. NeuroImage, 2005, 27, 37-47.	2.1	122
128	Brain Signatures of Meaning Access in Action Word Recognition. Journal of Cognitive Neuroscience, 2005, 17, 884-892.	1.1	361
129	The effect of different noise types on the speech and non-speech elicited mismatch negativity. Hearing Research, 2005, 199, 31-39.	0.9	61
130	Word-specific cortical activity as revealed by the mismatch negativity. Psychophysiology, 2004, 41, 106-112.	1.2	118
131	Long-term exposure to noise impairs cortical sound processing and attention control. Psychophysiology, 2004, 41, 875-881.	1.2	78
132	Distributed neuronal networks for encoding category-specific semantic information: the mismatch negativity to action words. European Journal of Neuroscience, 2004, 19, 1083-1092.	1.2	170
133	Automatic processing of grammar in the human brain as revealed by the mismatch negativity. NeuroImage, 2003, 20, 159-172.	2.1	140
134	Spatiotemporal dynamics of neural language processing: an MEG study using minimum-norm current estimates. NeuroImage, 2003, 20, 1020-1025.	2.1	111
135	Grammar Processing Outside the Focus of Attention: an MEG Study. Journal of Cognitive Neuroscience, 2003, 15, 1195-1206.	1.1	107
136	The Neurophysiological Basis of the Auditory Continuity Illusion: A Mismatch Negativity Study. Journal of Cognitive Neuroscience, 2003, 15, 747-758.	1.1	65
137	Plastic cortical changes induced by learning to communicate with non-speech sounds. NeuroReport, 2003, 14, 1683-1687.	0.6	27
138	The neurophysiological basis of the auditory continuity illusion: a mismatch negativity study. Journal of Cognitive Neuroscience, 2003, 15, 747-58.	1.1	33
139	Neurophysiological evidence of memory traces for words in the human brain. NeuroReport, 2002, 13, 521-525.	0.6	159
140	Distinct Gamma-Band Evoked Responses to Speech and Non-Speech Sounds in Humans. Journal of Neuroscience, 2002, 22, RC211-RC211.	1.7	89
141	Memory traces for inflectional affixes as shown by mismatch negativity. European Journal of Neuroscience, 2002, 15, 1085-1091.	1.2	77
142	Memory Traces for Words as Revealed by the Mismatch Negativity. NeuroImage, 2001, 14, 607-616.	2.1	277
143	Auditory cortex evoked magnetic fields and lateralization of speech processing. NeuroReport, 2000, 11, 2893-2896.	0.6	35
144	Discrimination of Speech and of Complex Nonspeech Sounds of Different Temporal Structure in the Left and Right Cerebral Hemispheres. NeuroImage, 2000, 12, 657-663.	2.1	158

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145	Noise affects speech-signal processing differently in the cerebral hemispheres. NeuroReport, 1999, 10, 2189-2192.	0.6	63
146	Background acoustic noise and the hemispheric lateralization of speech processing in the human brain: magnetic mismatch negativity study. Neuroscience Letters, 1998, 251, 141-144.	1.0	141
147	Electrophysiological and haemodynamic biomarkers of rapid acquisition of novel wordforms. Frontiers in Neuroscience, 0, 9, .	1.4	0
148	Motor (But Not Auditory) Attention Affects Syntactic Choice. SSRN Electronic Journal, 0, , .	0.4	0
149	First Language Attrition: What It Is, What It Isnâ€™t, And What It Can Be. SSRN Electronic Journal, 0, , .	0.4	0
150	Brain Dynamics Reflects Phonological And Semantic Top-Down Influences During Orthographic Processing Of Novel Word Forms. SSRN Electronic Journal, 0, , .	0.4	1
151	Orthographic Learning In L1 And L2 Alphabets: The Impact of Phonological Inconsistency Across Cyrillic and Roman Scripts. SSRN Electronic Journal, 0, , .	0.4	0
152	Individual Differences In Bilingual Experience Modulate Executive Control Network And Performance: Behavioral And Structural Neuroimaging Evidence. SSRN Electronic Journal, 0, , .	0.4	0