Michal Lavidor

List of Publications by Year
in descending order

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Version: 2024-02-01

107	4,375	117625	118850
papers	citations	34 h-index	62 g-index

108	108	108	4540
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	tDCS polarity effects in motor and cognitive domains: a meta-analytical review. Experimental Brain Research, 2012, 216, 1-10.	1.5	726
2	Modulating behavioral inhibition by tDCS combined with cognitive training. Experimental Brain Research, 2012, 219, 363-368.	1.5	206
3	Activation of Inhibition: Diminishing Impulsive Behavior by Direct Current Stimulation over the Inferior Frontal Gyrus. Journal of Cognitive Neuroscience, 2011, 23, 3380-3387.	2.3	180
4	Enhancing cognitive control components of insight problems solving by anodal tDCS of the left dorsolateral prefrontal cortex. Brain Stimulation, 2012, 5, 110-115.	1.6	148
5	Mechanisms of Magnetic Stimulation of Central Nervous System Neurons. PLoS Computational Biology, 2011, 7, e1002022.	3.2	135
6	The Role of the Right Cerebral Hemisphere in Processing Novel Metaphoric Expressions: A Transcranial Magnetic Stimulation Study. Journal of Cognitive Neuroscience, 2008, 20, 170-181.	2.3	119
7	Semantically convergent and semantically divergent priming in the cerebral hemispheres: lexical decision and semantic judgment. Cognitive Brain Research, 2003, 17, 585-597.	3.0	113
8	Increasing propensity to mind-wander with transcranial direct current stimulation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3314-3319.	7.1	113
9	Empathic accuracy and relationship satisfaction: A meta-analytic review.. Journal of Family Psychology, 2017, 31, 742-752.	1.3	101
10	Transcranial Direct Current Stimulation Facilitates Decision Making in a Probabilistic Guessing Task. Journal of Neuroscience, 2010, 30, 4241-4245.	3.6	96
11	The nature of foveal representation. Nature Reviews Neuroscience, 2004, 5, 729-735.	10.2	93
12	Modulating oscillatory brain activity correlates of behavioral inhibition using transcranial direct current stimulation. Clinical Neurophysiology, 2012, 123, 979-984.	1.5	90
13	When Less Is More: Evidence for a Facilitative Cathodal tDCS Effect in Attentional Abilities. Journal of Cognitive Neuroscience, 2012, 24, 1826-1833.	2.3	85
14	Unilateral Prefrontal Direct Current Stimulation Effects are Modulated by Working Memory Load and Gender. Brain Stimulation, 2013, 6, 440-447.	1.6	74
15	How sleep is related to fatigue. British Journal of Health Psychology, 2003, 8, 95-105.	3.5	73
16	Cerebral Lateralization of Frontal Lobe Language Processes and Lateralization of the Posterior Visual Word Processing System. Journal of Cognitive Neuroscience, 2008, 20, 672-681.	2.3	73
17	Prefrontal oscillatory stimulation modulates access to cognitive control references in retrospective metacognitive commentary. Clinical Neurophysiology, 2014, 125, 77-82.	1.5	70
18	Word Length and Orthographic Neighborhood Size Effects in the Left and Right Cerebral Hemispheres. Brain and Language, 2002, 80, 45-62.	1.6	68

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19	Lexical ambiguity resolution in Wernicke's area and its right homologue. Cortex, 2009, 45, 1097-1103.	2.4	67
20	Qualitative review and quantitative effect size meta-analyses in brain regions identified by cue-reactivity addiction studies.. Neuropsychology, 2019, 33, 319-334.	1.3	66
21	Effects of Transcranial Alternating Current Stimulation on Cognitive Functions in Healthy Young and Older Adults. Neural Plasticity, 2016, 2016, 1-13.	2.2	63
22	Evaluating a split processing model of visual word recognition: effects of word length. Cognitive Brain Research, 2001, 12, 265-272.	3.0	57
23	Patch-clamp recordings of rat neurons from acute brain slices of the somatosensory cortex during magnetic stimulation. Frontiers in Cellular Neuroscience, 2014, 8, 145.	3.7	55
24	Improved reading measures in adults with dyslexia following transcranial direct current stimulation treatment. Neuropsychologia, 2015, 70, 107-113.	1.6	54
25	Oppositional transcranial direct current stimulation (tDCS) of parietal substrates of attention during encoding modulates episodic memory. Brain Research, 2012, 1439, 66-72.	2.2	52
26	Reducing aggression with martial arts: A meta-analysis of child and youth studies. Aggression and Violent Behavior, 2017, 34, 96-101.	2.1	51
27	Bi-frontal direct current stimulation affects delay discounting choices. Cognitive Neuroscience, 2013, 4, 7-11.	1.4	45
28	Lexical decision, visual hemifield and angle of orientation. Neuropsychologia, 1997, 35, 487-495.	1.6	42
29	A Magnetic Stimulation Examination of Orthographic Neighborhood Effects in Visual Word Recognition. Journal of Cognitive Neuroscience, 2003, 15, 354-363.	2.3	42
30	Why word length only matters in the left visual field. Neuropsychologia, 2004, 42, 1680-1688.	1.6	41
31	Null tDCS Effects in a Sustained Attention Task: The Modulating Role of Learning. Frontiers in Psychology, 2018, 9, 476.	2.1	39
32	Analysis of standard and non-standard visual word format in the two hemispheres. Neuropsychologia, 2001, 39, 430-439.	1.6	37
33	Case alternation and length effects in lateralized word recognition: Studies of English and Hebrew. Brain and Cognition, 2002, 50, 257-271.	1.8	36
34	Prosaccade and Antisaccade Paradigms in Persons with Alzheimerâ€™s Disease: A Meta-Analytic Review. Neuropsychology Review, 2018, 28, 16-31.	4.9	36
35	Prefrontal control during a semantic decision task that involves idiom comprehension: A transcranial direct current stimulation study. Neuropsychologia, 2012, 50, 2271-2280.	1.6	35
36	Hemispheric asymmetries in image-specific and abstractive priming of famous faces: Evidence from reaction times and event-related brain potentials. Neuropsychologia, 2007, 45, 2910-2921.	1.6	34

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37	Right but not left angular gyrus modulates the metric component of the mental body representation: a tDCS study. Experimental Brain Research, 2013, 228, 63-72.	1.5	32
38	Orthographic Neighborhood Effects in the Right but Not in the Left Cerebral Hemisphere. Brain and Language, 2002, 80, 63-76.	1.6	31
39	Mini-coil for magnetic stimulation in the behaving primate. Journal of Neuroscience Methods, 2011, 194, 242-251.	2.5	30
40	Stimulating occipital cortex enhances visual working memory consolidation. Behavioural Brain Research, 2014, 275, 84-87.	2.2	30
41	Evaluating a split processing model of visual word recognition: Effects of orthographic neighborhood size. Brain and Language, 2004, 88, 312-320.	1.6	29
42	Dorsal stream modulation of visual word recognition in skilled readers. Vision Research, 2010, 50, 883-888.	1.4	29
43	Mixed-case effects in lateralized word recognition. Brain and Cognition, 2001, 46, 192-195.	1.8	27
44	Enhancing switching abilities: Improving practice effect by stimulating the dorsolateral pre frontal cortex. Neuroscience, 2016, 313, 92-98.	2.3	26
45	Facilitative orthographic neighborhood effects: The SERIOL model account. Cognitive Psychology, 2005, 51, 179-213.	2.2	25
46	A TMS examination of semantic radical combinability effects in Chinese character recognition. Brain Research, 2006, 1078, 159-167.	2.2	25
47	Magnocellular training improves visual word recognition. Frontiers in Human Neuroscience, 2012, 6, 14.	2.0	24
48	The interaction between embodiment and empathy in facial expression recognition. Social Cognitive and Affective Neuroscience, 2018, 13, 203-215.	3.0	24
49	When phonology fails: Orthographic neighbourhood effects in dyslexia. Brain and Language, 2006, 96, 318-329.	1.6	23
50	Elevated haemoglobin levels in the motor cortex following 1ÂHz transcranial magnetic stimulation: a preliminary study. Experimental Brain Research, 2007, 181, 555-560.	1.5	22
51	Non-linear effects of cathodal transcranial direct current stimulation (tDCS) of the primary motor cortex on implicit motor learning. Experimental Brain Research, 2019, 237, 919-925.	1.5	22
52	Multidimensional fatigue, somatic symptoms and depression. British Journal of Health Psychology, 2002, 7, 67-75.	3.5	21
53	Magnetic Stimulation of the Left Visual Cortex Impairs Expert Word Recognition. Journal of Cognitive Neuroscience, 2006, 18, 1749-1758.	2.3	21
54	Psychoacoustic abilities as predictors of vocal emotion recognition. Attention, Perception, and Psychophysics, 2013, 75, 1799-1810.	1.3	20

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55	Modulation of automatic and creative features of the Remote Associates Test by angular gyrus stimulation. Neuropsychologia, 2019, 129, 348-356.	1.6	20
56	Interpersonal autonomic nervous system synchrony and its association to relationship and performance â€“ a systematic review and meta-analysis. Physiology and Behavior, 2021, 235, 113391.	2.1	20
57	Magnetic stimulation intensity modulates motor inhibition. Neuroscience Letters, 2011, 504, 93-97.	2.1	19
58	Enhancing lexical ambiguity resolution by brain polarization of the right posterior superior temporal sulcus. Cortex, 2013, 49, 1056-1062.	2.4	19
59	An examination of semantic radical combinability effects with lateralized cues in Chinese character recognition. Perception & Psychophysics, 2007, 69, 338-344.	2.3	18
60	Executive control development in Tourette syndrome and its role in tic reduction. Psychiatry Research, 2018, 262, 527-535.	3.3	18
61	A comparison of prospective and retrospective assessments of sleep. Journal of Clinical Epidemiology, 1996, 49, 455-460.	5.0	17
62	Modulation of selective attention by polarity-specific tDCS effects. Neuropsychologia, 2015, 68, 1-7.	1.6	17
63	Specific executive control impairments in Tourette syndrome: The role of response inhibition. Research in Developmental Disabilities, 2017, 61, 1-10.	2.2	17
64	The cortical representation of centrally presented words: A magnetic stimulation study. Visual Cognition, 2003, 10, 341-362.	1.6	16
65	Wholeâ€word shape effect in dyslexia. Journal of Research in Reading, 2011, 34, 443-454.	2.0	16
66	Transcranial Direct Current Stimulation over the Parietal Cortex Improves Approximate Numerical Averaging. Journal of Cognitive Neuroscience, 2016, 28, 1700-1713.	2.3	16
67	Interhemispheric Integration of Letter Stimuli Presented Foveally or Extra-Foveally. Cortex, 2003, 39, 69-83.	2.4	15
68	Social learning modulates the lateralization of emotional valence. Brain and Cognition, 2008, 67, 280-291.	1.8	15
69	Modulation of Gestural-verbal Semantic Integration by tDCS. Brain Stimulation, 2015, 8, 493-498.	1.6	14
70	The role of left and right dorsolateral prefrontal cortex in semantic processing: A transcranial direct current stimulation study. Neuropsychologia, 2016, 91, 480-489.	1.6	14
71	Hemispheric asymmetry and the mental number line: comparison of double-digit numbers. Neuropsychologia, 2004, 42, 1927-1933.	1.6	13
72	ERP evidence of hemispheric independence in visual word recognition. Brain and Language, 2011, 118, 72-80.	1.6	13

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73	Modulating lexical and semantic processing by transcranial direct current stimulation. Experimental Brain Research, 2013, 226, 121-135.	1.5	12
74	A possible contributory mechanism for impaired idiom perception in schizophrenia. Psychiatry Research, 2015, 229, 1-11.	3.3	12
75	Music education intervention improves vocal emotion recognition. International Journal of Music Education, 2015, 33, 413-425.	1.5	12
76	The interactive effect of empathy and motor cortex stimulation on hand gesture comprehension. Neuropsychologia, 2020, 141, 107412.	1.6	11
77	Words, hemispheres, and dissociable subsystems: The effects of exposure duration, case alternation, priming, and continuity of form on word recognition in the left and right visual fields. Brain and Language, 2007, 103, 292-303.	1.6	10
78	Beyond words: evidence for automatic languageâ€“gesture integration of symbolic gestures but not dynamic landscapes. Psychological Research, 2014, 78, 55-69.	1.7	10
79	Magnetic stimulation studies of foveal representation. Brain and Language, 2004, 88, 331-338.	1.6	9
80	Improving emotional prosody detection in the attending ear by cathodal tDCS suppression of the competing channel. Neuroscience Letters, 2012, 508, 52-55.	2.1	9
81	Dissociations between serial position and number of letters effects in lateralised visual word recognition. Journal of Research in Reading, 2005, 28, 258-273.	2.0	8
82	Word length effects in Hebrew. Cognitive Brain Research, 2005, 24, 127-132.	3.0	8
83	Right semantic modulation of early MEG components during ambiguity resolution. NeuroImage, 2013, 82, 107-114.	4.2	8
84	Applying Transcranial Magnetic Stimulation (TMS) Over the Dorsal Visual Pathway Induces Schizophrenia-like Disruption of Perceptual Closure. Brain Topography, 2016, 29, 552-560.	1.8	8
85	A meta-analysis of client-therapist perspectives on the therapeutic alliance: Examining the moderating role of type of measurement and diagnosis. European Psychiatry, 2020, 63, e67.	0.2	8
86	The cortical representation of foveal stimuli: evidence from quadrantanopia and TMS-induced suppression. Cognitive Brain Research, 2004, 21, 309-316.	3.0	7
87	The Role of Embodiment and Individual Empathy Levels in Gesture Comprehension. Experimental Psychology, 2017, 64, 56-64.	0.7	7
88	Handedness, measures of hemispheric asymmetry, and lateralised lexical decision. Laterality, 2003, 8, 347-360.	1.0	6
89	Magnetic stimulation and the crossed?uncrossed difference (CUD) paradigm: selective effects in the ipsilateral and contralateral hemispheres. Experimental Brain Research, 2005, 160, 404-408.	1.5	6
90	Lateralization of semantic processing is shaped by exposure to specific mother tongues: The case of insight problem solving by bilingual and monolingual native Hebrew speakers. Bilingualism, 2013, 16, 900-913.	1.3	6

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91	tES Stimulation as a Tool to Investigate Cognitive Processes in Healthy Individuals. European Psychologist, 2016, 21, 15-29.	3.1	6
92	Magnetic Stimulation of the Right Visual Cortex Impairs Form-specific Priming. Journal of Cognitive Neuroscience, 2007, 19, 1013-1020.	2.3	5
93	Contributions of the Right Prefrontal and Parietal Cortices to the Attentional Blink: A tDCS Study. Symmetry, 2021, 13, 1208.	2.2	5
94	Examination of the split fovea theory in a case of pure left hemialexia. Cognitive Neuropsychology, 2007, 24, 243-259.	1.1	4
95	Asymmetrical perceptual load in lateralised word processing. European Journal of Cognitive Psychology, 2010, 22, 1066-1077.	1.3	4
96	High-Level Cognitive Functions in Healthy Subjects. , 2014, , 299-329.		4
97	Divergent and convergent hemispheric processes in idiom comprehension: The role of idioms predictability. Journal of Neurolinguistics, 2017, 44, 134-146.	1.1	4
98	Seeing the World as it is: Mimicking Veridical Motion Perception in Schizophrenia Using Non-invasive Brain Stimulation in Healthy Participants. Brain Topography, 2018, 31, 827-837.	1.8	4
99	Asymmetric Contributions of the Fronto-Parietal Network to Emotional Conflict in the Wordâ€“Face Interference Task. Symmetry, 2020, 12, 1701.	2.2	4
100	Word Recognition Processes Modulate the Naso-Temporal Asymmetry of the Human Visual Field. Perception, 2009, 38, 1536-1541.	1.2	1
101	Context modulates hemispheric asymmetries in the resolution of lexical ambiguity. Journal of Cognitive Psychology, 2012, 24, 428-440.	0.9	1
102	Applying advancements in neurolinguistic research to enhance semantic processing via cognitive training. Journal of Neurolinguistics, 2013, 26, 662-690.	1.1	1
103	Without Blinking an Eye: Proactive Motor Control Enhancement. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2018, 2, 97-105.	1.6	1
104	An examination of the lateralized abstractive/form specific model using MiXeD-CaSe primes. Brain and Cognition, 2002, 48, 413-7.	1.8	1
105	Evidence for word length coding during visual word recognition. European Journal of Cognitive Psychology, 2008, 20, 12-32.	1.3	0
106	The impact of transparency on hemispheric lateralization of idiom comprehension: An rTMS study. Neuropsychologia, 2021, 163, 108062.	1.6	0
107	Cognitive control in processing ambiguous idioms: evidence from a self-paced reading study. Journal of Psycholinguistic Research, 2023, 52, 261-281.	1.3	0