

# Magdalena Chechlac

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8048262/publications.pdf>

Version: 2024-02-01

52  
papers

1,791  
citations

257450  
24  
h-index

276875  
41  
g-index

54  
all docs

54  
docs citations

54  
times ranked

2692  
citing authors

#	ARTICLE	IF	CITATIONS
1	The structural and functional connectivity of the posterior cingulate cortex: Comparison between deterministic and probabilistic tractography for the investigation of structureâ€“function relationships. <i>NeuroImage</i> , 2014, 102, 118-127.	4.2	147
2	Separating neural correlates of allocentric and egocentric neglect: Distinct cortical sites and common white matter disconnections. <i>Cognitive Neuropsychology</i> , 2010, 27, 277-303.	1.1	135
3	Spinophilin Facilitates Dephosphorylation of Doublecortin by PP1 to Mediate Microtubule Bundling at the Axonal Wrist. <i>Cell</i> , 2007, 129, 579-591.	28.9	133
4	Neuroanatomical Dissections of Unilateral Visual Neglect Symptoms: ALE Meta-Analysis of Lesion-Symptom Mapping. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 230.	2.0	110
5	Structural Variability within Frontoparietal Networks and Individual Differences in Attentional Functions: An Approach Using the Theory of Visual Attention. <i>Journal of Neuroscience</i> , 2015, 35, 10647-10658.	3.6	94
6	Diabetes dietary management alters responses to food pictures in brain regions associated with motivation and emotion: a functional magnetic resonance imaging study. <i>Diabetologia</i> , 2009, 52, 524-533.	6.3	78
7	Theta burst stimulation in neglect after stroke: functional outcome and response variability origins. <i>Brain</i> , 2019, 142, 992-1008.	7.6	69
8	The Neural Basis of Independence Versus Interdependence Orientations: A Voxel-Based Morphometric Analysis of Brain Volume. <i>Psychological Science</i> , 2017, 28, 519-529.	3.3	64
9	The central role of the temporo-parietal junction and the superior longitudinal fasciculus in supporting multi-item competition: Evidence from lesion-symptom mapping of extinction. <i>Cortex</i> , 2013, 49, 487-506.	2.4	63
10	Microstructural abnormalities in white and gray matter in obese adolescents with and without type 2 diabetes. <i>NeuroImage: Clinical</i> , 2017, 16, 43-51.	2.7	60
11	Is mental retardation a defect of synapse structure and function?. <i>Pediatric Neurology</i> , 2003, 29, 11-17.	2.1	58
12	The Neural Underpinings of Simultanagnosia: Disconnecting the Visuospatial Attention Network. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 718-735.	2.3	53
13	Role of DNA-dependent protein kinase in neuronal survival. <i>Journal of Neurochemistry</i> , 2001, 78, 141-154.	3.9	52
14	The neural mechanisms of visual selection: the view from neuropsychology. <i>Annals of the New York Academy of Sciences</i> , 2010, 1191, 156-181.	3.8	47
15	The Prognosis of Allocentric and Egocentric Neglect: Evidence from Clinical Scans. <i>PLoS ONE</i> , 2012, 7, e47821.	2.5	47
16	Structural Organization of the Corpus Callosum Predicts Attentional Shifts after Continuous Theta Burst Stimulation. <i>Journal of Neuroscience</i> , 2015, 35, 15353-15368.	3.6	45
17	Neuronal substrates of Corsi Block span: Lesion symptom mapping analyses in relation to attentional competition and spatial bias. <i>Neuropsychologia</i> , 2014, 64, 240-251.	1.6	39
18	DNA damage and nonhomologous end joining in excitotoxicity: Neuroprotective role of DNA-PKcs in kainic acid-induced seizures. <i>Hippocampus</i> , 2005, 15, 1057-1071.	1.9	37

#	ARTICLE	IF	CITATIONS
19	The Neural Substrates of Drawing: A Voxel-based Morphometry Analysis of Constructional, Hierarchical, and Spatial Representation Deficits. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 2701-2715.	2.3	35
20	The enigma of Bálint's syndrome: neural substrates and cognitive deficits. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 123.	2.0	34
21	Dividing the self: Distinct neural substrates of task-based and automatic self-prioritization after brain damage. <i>Cognition</i> , 2012, 122, 150-162.	2.2	32
22	Examining evidence for behavioural mimicry of parental eating by adolescent females. An observational study. <i>Appetite</i> , 2015, 89, 56-61.	3.7	30
23	Asymmetrical white matter networks for attending to global versus local features. <i>Cortex</i> , 2015, 72, 54-64.	2.4	30
24	A matter of hand: Causal links between hand dominance, structural organization of fronto-parietal attention networks, and variability in behavioural responses to transcranial magnetic stimulation. <i>Cortex</i> , 2017, 86, 230-246.	2.4	28
25	Functional neuroimaging of the interference between working memory and the control of periodic ankle movement timing. <i>Neuropsychologia</i> , 2013, 51, 2142-2153.	1.6	26
26	Spatial and temporal attention deficits following brain injury: A neuroanatomical decomposition of the temporal order judgement task. <i>Cognitive Neuropsychology</i> , 2012, 29, 300-324.	1.1	20
27	Common and distinct neural mechanisms of visual and tactile extinction: A large scale VBM study in sub-acute stroke. <i>NeuroImage: Clinical</i> , 2013, 2, 291-302.	2.7	19
28	Lesion-Symptom Mapping of Self-Prioritization in Explicit Face Categorization: Distinguishing Hypo- and Hyper-Self-Biases. <i>Cerebral Cortex</i> , 2015, 25, 374-383.	2.9	18
29	Neural correlates of transitive and intransitive action imitation: An investigation using voxel-based morphometry. <i>NeuroImage: Clinical</i> , 2014, 6, 488-497.	2.7	17
30	Dissociable Catecholaminergic Modulation of Visual Attention: Differential Effects of Catechol-O-Methyltransferase and Dopamine Beta-Hydroxylase Genes on Visual Attention. <i>Neuroscience</i> , 2019, 412, 175-189.	2.3	17
31	Reference frames in visual selection. <i>Annals of the New York Academy of Sciences</i> , 2013, 1296, 75-87.	3.8	16
32	The association between inadequate sleep and accelerated brain ageing. <i>Neurobiology of Aging</i> , 2022, 114, 1-14.	3.1	13
33	The frequency and severity of extinction after stroke affecting different vascular territories. <i>Neuropsychologia</i> , 2014, 54, 11-17.	1.6	12
34	The spatial distribution of perseverations in neglect patients during a nonverbal fluency task depends on the integrity of the right putamen. <i>Neuropsychologia</i> , 2018, 115, 42-50.	1.6	12
35	Beyond time and space: The effect of a lateralized sustained attention task and brain stimulation on spatial and selective attention. <i>Cortex</i> , 2018, 107, 131-147.	2.4	12
36	Hierarchical processing in Balint's syndrome: a failure of flexible top-down attention. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 113.	2.0	9

#	ARTICLE	IF	CITATIONS
37	Relationship between Parental Feeding Practices and Neural Responses to Food Cues in Adolescents. PLoS ONE, 2016, 11, e0157037.	2.5	9
38	Bilateral parietal dysfunctions and disconnections in simultanagnosia and Balint syndrome. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 151, 249-267.	1.8	9
39	A Neural Decomposition of Visual Search Using Voxel-based Morphometry. Journal of Cognitive Neuroscience, 2015, 27, 1854-1869.	2.3	8
40	Unconscious Familiarity-based Color-Form Binding: Evidence from Visual Extinction. Journal of Cognitive Neuroscience, 2016, 28, 501-516.	2.3	8
41	Neglect and Motion Stimuli – Insights from a Touchscreen-Based Cancellation Task. PLoS ONE, 2015, 10, e0132025.	2.5	8
42	Neural Mechanisms of Temporal Resolution of Attention. Cerebral Cortex, 2016, 26, 2952-2969.	2.9	7
43	Right Lateralized Brain Reserve Offsets Age-Related Deficits in Ignoring Distraction. Cerebral Cortex Communications, 2020, 1, tgaa049.	1.6	6
44	Parietal substrates for dimensional effects in visual search: evidence from lesion-symptom mapping. Brain, 2013, 136, 751-760.	7.6	4
45	Neuro-anatomical correlates of a number bisection bias: A neuropsychological voxel-based morphometry study. NeuroImage: Clinical, 2013, 2, 143-150.	2.7	4
46	Polarity-dependent Effects of Biparietal Transcranial Direct Current Stimulation on the Interplay between Target Location and Distractor Saliency in Visual Attention. Journal of Cognitive Neuroscience, 2018, 30, 851-866.	2.3	4
47	SLC25A24 gene methylation and gray matter volume in females with and without conduct disorder: an exploratory epigenetic neuroimaging study. Translational Psychiatry, 2021, 11, 492.	4.8	4
48	Mapping functional brain organization: Rethinking lesion symptom mapping and advanced neuroimaging methods in the understanding of human cognition. Neuropsychologia, 2018, 115, 1-4.	1.6	3
49	Right fronto-parietal networks mediate the neurocognitive benefits of enriched environments. Brain Communications, 2022, 4, fcac080.	3.3	3
50	Spatial and non-spatial aspects of visual attention: Interactive cognitive mechanisms and neural underpinnings. Neuropsychologia, 2016, 92, 1-6.	1.6	2
51	Genetics of Childhood Disorders: XL. Stem Cell Research, Part 4: Neural Horticulture. Journal of the American Academy of Child and Adolescent Psychiatry, 2002, 41, 882-885.	0.5	1
52	A tribute to professor Glyn Humphreys. Neuropsychologia, 2016, 92, 7-8.	1.6	0