

Marko Wilke

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/313362/publications.pdf>

Version: 2024-02-01

72
papers

5,343
citations

117625
34
h-index

95266
68
g-index

72
all docs

72
docs citations

72
times ranked

6301
citing authors

#	ARTICLE	IF	CITATIONS
1	Cognitive development after perinatal unilateral infarctions: No evidence for preferential sparing of verbal functions. <i>European Journal of Paediatric Neurology</i> , 2022, 37, 8-11.	1.6	2
2	Increased Brain Age Gap Estimate (BrainAGE) in Young Adults After Premature Birth. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 653365.	3.4	15
3	Non-verbal Intelligence in Unilateral Perinatal Stroke Patients With and Without Epilepsies. <i>Frontiers in Pediatrics</i> , 2021, 9, 660096.	1.9	4
4	A multidimensional artefact-reduction approach to increase robustness of first-level fMRI analyses: Censoring vs. interpolating. <i>Journal of Neuroscience Methods</i> , 2019, 318, 56-68.	2.5	1
5	Assessing motor, visual and language function using a single 5-minute fMRI paradigm: three birds with one stone. <i>Brain Imaging and Behavior</i> , 2018, 12, 1775-1785.	2.1	7
6	A spline-based regression parameter set for creating customized DARTEL MRI brain templates from infancy to old age. <i>Data in Brief</i> , 2018, 16, 959-966.	1.0	8
7	Clinical application of advanced <sc>MR</sc> methods in children: points to consider. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 1434-1455.	3.7	14
8	Role of presurgical functional MRI and diffusion MR tractography in pediatric low-grade brain tumor surgery: a single-center study. <i>Child's Nervous System</i> , 2018, 34, 2241-2248.	1.1	17
9	FV 695. Does Early Postnatal hCMV Infection Have Long-Term Consequences on Brain Structure of Former Preterm Born Children?. <i>Neuropediatrics</i> , 2018, 49, .	0.6	0
10	Lesion characteristics driving right-hemispheric language reorganization in congenital left-hemispheric brain damage. <i>Brain and Language</i> , 2017, 173, 1-9.	1.6	30
11	Plasticity during Early Brain Development Is Determined by Ontogenetic Potential. <i>Neuropediatrics</i> , 2017, 48, 066-071.	0.6	27
12	CerebroMatic: A Versatile Toolbox for Spline-Based MRI Template Creation. <i>Frontiers in Computational Neuroscience</i> , 2017, 11, 5.	2.1	54
13	Multimodal Assessment Reveals Late-Onset Hemispheric Shift of Language in a Child with Meningocerebral Dysplasia. <i>Neuropediatrics</i> , 2016, 47, 341-345.	0.6	1
14	Age-dependent mesial temporal lobe lateralization in language <sc>fMRI</sc>. <i>Epilepsia</i> , 2016, 57, 122-130.	5.1	30
15	A "one size fits all" approach to language fMRI: increasing specificity and applicability by adding a self-paced component. <i>Experimental Brain Research</i> , 2016, 234, 673-684.	1.5	11
16	Fast semi-automated lesion demarcation in stroke. <i>NeuroImage: Clinical</i> , 2015, 9, 69-74.	2.7	119
17	Using fMRI to Investigate Memory in Young Children Born Small for Gestational Age. <i>PLoS ONE</i> , 2015, 10, e0129721.	2.5	12
18	Comparison of Different Tractography Algorithms and Validation by Intraoperative Stimulation in a Child with a Brain Tumor. <i>Neuropediatrics</i> , 2015, 46, 072-075.	0.6	11

#	ARTICLE	IF	CITATIONS
19	Postnatal Human Cytomegalovirus Infection in Preterm Infants Has Long-Term Neuropsychological Sequelae. <i>Journal of Pediatrics</i> , 2015, 166, 834-839.e1.	1.8	77
20	Isolated Assessment of Translation or Rotation Severely Underestimates the Effects of Subject Motion in fMRI Data. <i>PLoS ONE</i> , 2014, 9, e106498.	2.5	25
21	Specific impairment of functional connectivity between language regions in former early preterms. <i>Human Brain Mapping</i> , 2014, 35, 3372-3384.	3.6	37
22	Multidimensional morphometric 3D MRI analyses for detecting brain abnormalities in children: Impact of control population. <i>Human Brain Mapping</i> , 2014, 35, 3199-3215.	3.6	10
23	Long-term neurobiological consequences of early postnatal hCMV infection in former preterms. <i>Human Brain Mapping</i> , 2014, 35, 2594-2606.	3.6	33
24	Two types of exercise-induced neuroplasticity in congenital hemiparesis: a transcranial magnetic stimulation, functional MRI, and magnetoencephalography study. <i>Developmental Medicine and Child Neurology</i> , 2013, 55, 941-951.	2.1	92
25	Complex Visual Search in Children and Adolescents: Effects of Age and Performance on fMRI Activation. <i>PLoS ONE</i> , 2013, 8, e85168.	2.5	14
26	Identification of Successful Clinical fMRI Sessions in Children: An Objective Approach. <i>Neuropediatrics</i> , 2012, 43, 249-257.	0.6	8
27	A Semi-Automatic Algorithm for Determining the Demyelination Load in Metachromatic Leukodystrophy. <i>Academic Radiology</i> , 2012, 19, 26-34.	2.5	61
28	An alternative approach towards assessing and accounting for individual motion in fMRI timeseries. <i>NeuroImage</i> , 2012, 59, 2062-2072.	4.2	115
29	Functional MRI-guided probabilistic tractography of cortico-cortical and cortico-subcortical language networks in children. <i>NeuroImage</i> , 2012, 63, 1561-1570.	4.2	17
30	Brain maturation: Predicting individual BrainAGE in children and adolescents using structural MRI. <i>NeuroImage</i> , 2012, 63, 1305-1312.	4.2	234
31	Relationship between functional connectivity and sensory impairment: Red flag or red herring?. <i>Human Brain Mapping</i> , 2012, 33, 628-638.	3.6	30
32	An Iterative Jackknife Approach for Assessing Reliability and Power of fMRI Group Analyses. <i>PLoS ONE</i> , 2012, 7, e35578.	2.5	16
33	Manual, semi-automated, and automated delineation of chronic brain lesions: A comparison of methods. <i>NeuroImage</i> , 2011, 56, 2038-2046.	4.2	98
34	Assessing language and visuospatial functions with one task: A dual use approach to performing fMRI in children. <i>NeuroImage</i> , 2011, 58, 923-929.	4.2	20
35	Language comprehension vs. language production: Age effects on fMRI activation. <i>Brain and Language</i> , 2011, 119, 6-15.	1.6	98
36	Clinical functional MRI of the language domain in children with epilepsy. <i>Human Brain Mapping</i> , 2011, 32, 1882-1893.	3.6	26

#	ARTICLE	IF	CITATIONS
37	Why one task is not enough: Functional MRI for atypical language organization in two children. <i>European Journal of Paediatric Neurology</i> , 2010, 14, 474-478.	1.6	20
38	Lateralization of cognitive functions after stroke in childhood. <i>Brain Injury</i> , 2010, 24, 859-870.	1.2	25
39	Special Issues in fMRI-Studies Involving Children. , 2010, , 141-147.		0
40	Structural Neuroimaging and the Antisocial Brain. <i>Criminal Justice and Behavior</i> , 2009, 36, 1173-1186.	1.8	13
41	Size matters: Increased grey matter in boys with conduct problems and callousâ€“unemotional traits. <i>Brain</i> , 2009, 132, 843-852.	7.6	271
42	Combined functional and causal connectivity analyses of language networks in children: A feasibility study. <i>Brain and Language</i> , 2009, 108, 22-29.	1.6	21
43	Strengthening of laterality of verbal and visuospatial functions during childhood and adolescence. <i>Human Brain Mapping</i> , 2009, 30, 473-483.	3.6	149
44	Somatosensory system in two types of motor reorganization in congenital hemiparesis: Topography and function. <i>Human Brain Mapping</i> , 2009, 30, 776-788.	3.6	80
45	Does damage to somatosensory circuits underlie motor impairment in cerebral palsy?. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 686-687.	2.1	8
46	Motor Cortex Plasticity in Ischemic Perinatal Stroke: A Transcranial Magnetic Stimulation and Functional MRI Study. <i>Pediatric Neurology</i> , 2009, 41, 171-178.	2.1	58
47	Neural Mechanisms Underlying Learning Following Semantic Mediation Treatment in a Case of Phonologic Alexia. <i>Brain Imaging and Behavior</i> , 2008, 2, 147-162.	2.1	41
48	Increases in language lateralization in normal children as observed using magnetoencephalography. <i>Brain and Language</i> , 2008, 106, 167-176.	1.6	85
49	Template-O-Matic: A toolbox for creating customized pediatric templates. <i>NeuroImage</i> , 2008, 41, 903-913.	4.2	339
50	Infant brain probability templates for MRI segmentation and normalization. <i>NeuroImage</i> , 2008, 43, 721-730.	4.2	133
51	Structural MR Imaging Studies of the Brain in Children: Issues and Opportunities. <i>Neuroembryology and Aging</i> , 2008, 5, 6-13.	0.1	8
52	Brain Representation of Active and Passive Hand Movements in Children. <i>Pediatric Research</i> , 2007, 61, 485-490.	2.3	68
53	The neuronal basis of intelligence: A riddle, wrapped in a mystery?. <i>Behavioral and Brain Sciences</i> , 2007, 30, 172-173.	0.7	0
54	Prefrontalâ€“thalamicâ€“cerebellar gray matter networks and executive functioning in schizophrenia. <i>Schizophrenia Research</i> , 2007, 93, 79-89.	2.0	108

#	ARTICLE	IF	CITATIONS
55	Voxel-based morphometry in the detection of dysplasia and neoplasia in childhood epilepsy: Combined grey/white matter analysis augments detection. <i>Epilepsy Research</i> , 2007, 77, 93-101.	1.6	36
56	LI-tool: A new toolbox to assess lateralization in functional MR-data. <i>Journal of Neuroscience Methods</i> , 2007, 163, 128-136.	2.5	383
57	Global and local development of gray and white matter volume in normal children and adolescents. <i>Experimental Brain Research</i> , 2007, 178, 296-307.	1.5	139
58	An fMRI task battery for assessing hemispheric language dominance in children. <i>NeuroImage</i> , 2006, 32, 400-410.	4.2	68
59	A combined bootstrap/histogram analysis approach for computing a lateralization index from neuroimaging data. <i>NeuroImage</i> , 2006, 33, 522-530.	4.2	206
60	How relevant are fluid cognition and general intelligence? A developmental neuroscientist's perspective on a new model. <i>Behavioral and Brain Sciences</i> , 2006, 29, 143-143.	0.7	0
61	Lesion-induced right-hemispheric language and organization of nonverbal functions. <i>NeuroReport</i> , 2006, 17, 929-933.	1.2	49
62	Language lateralization in magnetoencephalography: two tasks to investigate hemispheric dominance. <i>NeuroReport</i> , 2006, 17, 1209-1213.	1.2	7
63	Visuospatial deficits in patients with early left-hemispheric lesions and functional reorganization of language: Consequence of lesion or reorganization?. <i>Neuropsychologia</i> , 2006, 44, 1088-1094.	1.6	113
64	Comprehensive language mapping in children, using functional magnetic resonance imaging: what??s missing counts. <i>NeuroReport</i> , 2005, 16, 915-919.	1.2	47
65	Cognitive functions correlate with white matter architecture in a normal pediatric population: A diffusion tensor MRI study. <i>Human Brain Mapping</i> , 2005, 26, 139-147.	3.6	370
66	Voxel-based morphometry in adolescents with bipolar disorder: first results. <i>Psychiatry Research - Neuroimaging</i> , 2004, 131, 57-69.	1.8	173
67	BOLD fMRI signal increases with age in selected brain regions in children. <i>NeuroReport</i> , 2004, 15, 2575-2578.	1.2	79
68	Bright spots: correlations of gray matter volume with IQ in a normal pediatric population. <i>NeuroImage</i> , 2003, 20, 202-215.	4.2	200
69	Variability of gray and white matter during normal development: a voxel-based MRI analysis. <i>NeuroReport</i> , 2003, 14, 1887-1890.	1.2	41
70	Language processing during natural sleep in a 6-year-old boy, as assessed with functional MR imaging. <i>American Journal of Neuroradiology</i> , 2003, 24, 42-4.	2.4	28
71	Correlation of White Matter Diffusivity and Anisotropy with Age during Childhood and Adolescence: A Cross-sectional Diffusion-Tensor MR Imaging Study. <i>Radiology</i> , 2002, 222, 212-218.	7.3	383
72	Assessment of spatial normalization of whole-brain magnetic resonance images in children. <i>Human Brain Mapping</i> , 2002, 17, 48-60.	3.6	220