

# Birgit Ertl-Wagner

## List of Publications by Year in descending order

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Version: 2024-02-01

71  
papers

1,978  
citations

218381

26  
h-index

276539

41  
g-index

75  
all docs

75  
docs citations

75  
times ranked

4055  
citing authors

#	ARTICLE	IF	CITATIONS
1	Autoantibodies to MOG in a distinct subgroup of adult multiple sclerosis. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016, 3, e257.	3.1	178
2	Serum neurofilament light. <i>Neurology</i> , 2018, 91, e1338-e1347.	1.5	137
3	Fetal magnetic resonance imaging: indications, technique, anatomical considerations and a review of fetal abnormalities. <i>European Radiology</i> , 2002, 12, 1931-1940.	2.3	97
4	CTLA4 as Immunological Checkpoint in the Development of Multiple Sclerosis. <i>Annals of Neurology</i> , 2016, 80, 294-300.	2.8	94
5	Resting-state global functional connectivity as a biomarker of cognitive reserve in mild cognitive impairment. <i>Brain Imaging and Behavior</i> , 2017, 11, 368-382.	1.1	88
6	Early adaptive immune activation detected in monozygotic twins with prodromal multiple sclerosis. <i>Journal of Clinical Investigation</i> , 2019, 129, 4758-4768.	3.9	81
7	Ocular vestibular evoked myogenic potential frequency tuning in certain MeniÃ're's disease. <i>Hearing Research</i> , 2014, 310, 54-59.	0.9	71
8	Cost-Effectiveness of Endovascular Stroke Therapy. <i>Stroke</i> , 2016, 47, 2797-2804.	1.0	64
9	Left Frontal Hub Connectivity during Memory Performance Supports Reserve in Aging and Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2017, 59, 1381-1392.	1.2	61
10	TSPO PET with [18F]GE-180 sensitively detects focal neuroinflammation in patients with relapsingâ€“remitting multiple sclerosis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1423-1431.	3.3	53
11	Comparison of 18F-GE-180 and dynamic 18F-FET PET in high grade glioma: a double-tracer pilot study. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 580-590.	3.3	52
12	Tractâ€“specific white matter hyperintensities disrupt neural network function in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 225-235.	0.4	49
13	Variable functional connectivity architecture of the preterm human brain: Impact of developmental cortical expansion and maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 1201-1206.	3.3	49
14	Combined intracavitary and interstitial brachytherapy of cervical cancer using the novel hybrid applicator Venezia: Clinical feasibility and initialÃ“results. <i>Brachytherapy</i> , 2018, 17, 775-781.	0.2	48
15	50 years to diagnosis: Autosomal dominant tubular aggregate myopathy caused by a novel STIM1 mutation. <i>Neuromuscular Disorders</i> , 2015, 25, 577-584.	0.3	47
16	The left frontal cortex supports reserve in aging by enhancing functional network efficiency. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 28.	3.0	47
17	Cost-effectiveness of Endovascular Therapy for Acute Ischemic Stroke: A Systematic Review of the Impact of Patient Age. <i>Radiology</i> , 2018, 288, 518-526.	3.6	41
18	Test-retest reliability of prefrontal transcranial Direct Current Stimulation (tDCS) effects on functional MRI connectivity in healthy subjects. <i>NeuroImage</i> , 2017, 155, 187-201.	2.1	39

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19	Immune signatures of prodromal multiple sclerosis in monozygotic twins. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 21546-21556.	3.3	36
20	Opposing Effects of CREBBP Mutations Govern the Phenotype of Rubinstein-Taybi Syndrome and Adult SHH Medulloblastoma. Developmental Cell, 2018, 44, 709-724.e6.	3.1	35
21	Small vessel disease more than Alzheimer's disease determines diffusion MRI alterations in memory clinic patients. Alzheimer's and Dementia, 2020, 16, 1504-1514.	0.4	35
22	Implications of the putamen in pain and motor deficits in complex regional pain syndrome. Pain, 2020, 161, 595-608.	2.0	32
23	Depiction of pneumothoraces in a large animal model using x-ray dark-field radiography. Scientific Reports, 2018, 8, 2602.	1.6	31
24	Prevalence of Amyloid Positron Emission Tomographic Positivity in Poststroke Mild Cognitive Impairment. Stroke, 2016, 47, 2645-2648.	1.0	29
25	Birtâ€Hoggâ€DubÃ© syndrome: an underdiagnosed genetic tumor syndrome. JDDG - Journal of the German Society of Dermatology, 2018, 16, 278-283.	0.4	29
26	Multiple sclerosisâ€“like lesions and type I interferon signature in a patient with RVCL. Neurology: Neuroimmunology and NeuroInflammation, 2015, 2, e55.	3.1	27
27	VOLT: a novel open-source pipeline for automatic segmentation of endolymphatic space in inner ear MRI. Journal of Neurology, 2020, 267, 185-196.	1.8	24
28	Alterations in the trapezius muscle in young patients with migraine â€“ A pilot case series with MRI. European Journal of Paediatric Neurology, 2015, 19, 372-376.	0.7	23
29	Influence of the compliance of the neck arteries and veins on the measurement of intracranial volume change by phaseâ€“contrast MRI. Journal of Magnetic Resonance Imaging, 2009, 30, 878-883.	1.9	22
30	MR pelvimetry: prognosis for successful vaginal delivery in patients with suspected fetopelvic disproportion or breech presentation at term. Archives of Gynecology and Obstetrics, 2017, 295, 351-359.	0.8	22
31	Altered relaxation times in MRI indicate bronchopulmonary dysplasia. Thorax, 2020, 75, 184-187.	2.7	22
32	Real-Time fMRI Neurofeedback in Patients With Tobacco Use Disorder During Smoking Cessation: Functional Differences and Implications of the First Training Session in Regard to Future Abstinence or Relapse. Frontiers in Human Neuroscience, 2019, 13, 65.	1.0	21
33	Improving 3D convolutional neural network comprehensibility via interactive visualization of relevance maps: evaluation in Alzheimerâ€™s disease. Alzheimer's Research and Therapy, 2021, 13, 191.	3.0	21
34	Multimodal MRI analysis of basal forebrain structure and function across the Alzheimerâ€™s disease spectrum. NeuroImage: Clinical, 2020, 28, 102495.	1.4	17
35	Hepatic fat is superior to BMI, visceral and pancreatic fat as a potential risk biomarker for neurodegenerative disease. European Radiology, 2019, 29, 6662-6670.	2.3	16
36	Rare diagnosis of telethoninopathy (LGMD2G) in a Turkish patient. Neuromuscular Disorders, 2017, 27, 856-860.	0.3	15

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37	Multicenter Tract-Based Analysis of Microstructural Lesions within the Alzheimer's Disease Spectrum: Association with Amyloid Pathology and Diagnostic Usefulness. <i>Journal of Alzheimer's Disease</i> , 2019, 72, 455-465.	1.2	15
38	Association between composite scores of domain-specific cognitive functions and regional patterns of atrophy and functional connectivity in the Alzheimer's disease spectrum. <i>NeuroImage: Clinical</i> , 2021, 29, 102533.	1.4	15
39	A probabilistic atlas of the human inner ear's bony labyrinth enables reliable atlas-based segmentation of the total fluid space. <i>Journal of Neurology</i> , 2019, 266, 52-61.	1.8	14
40	Cranial CT with 64-, 16-, 4- and single-slice CT systems—comparison of image quality and posterior fossa artifacts in routine brain imaging with standard protocols. <i>European Radiology</i> , 2008, 18, 1720-1726.	2.3	13
41	Clinical features of delayed endolymphatic hydrops and intralabyrinthine schwannoma. <i>Hno</i> , 2017, 65, 41-45.	0.4	13
42	Cutaneous melanoma in Birt-Hogg-Dubé syndrome: part of the clinical spectrum?. <i>British Journal of Dermatology</i> , 2018, 178, e132-e133.	1.4	13
43	The transcriptional coactivator and histone acetyltransferase CBP regulates neural precursor cell development and migration. <i>Acta Neuropathologica Communications</i> , 2019, 7, 199.	2.4	13
44	TSPO PET imaging of natalizumab-associated progressive multifocal leukoencephalopathy. <i>Brain</i> , 2021, 144, 2683-2695.	3.7	13
45	Running effects on cognition and plasticity (ReCaP): study protocol of a longitudinal examination of multimodal adaptations of marathon running. <i>Research in Sports Medicine</i> , 2020, 28, 241-255.	0.7	11
46	Consensus on technical procedures in radiology to include in simulation-based training for residents: a European-wide needs assessment. <i>European Radiology</i> , 2021, 31, 171-180.	2.3	11
47	Non-specific alterations of craniocervical venous drainage in multiple sclerosis revealed by cardiac-gated phase-contrast MRI. <i>Multiple Sclerosis Journal</i> , 2012, 18, 1000-1007.	1.4	10
48	Use of diffusion-weighted MRI to modify radiosurgery planning in brain metastases may reduce local recurrence. <i>Journal of Neuro-Oncology</i> , 2017, 131, 549-554.	1.4	7
49	Effect of stroke thrombolysis predicted by distal vessel occlusion detection. <i>Neurology</i> , 2018, 90, e1742-e1750.	1.5	7
50	T1-MPRAGE and T2-FLAIR segmentation of cortical and subcortical brain regions—an MRI evaluation study. <i>Neuroradiology</i> , 2019, 61, 129-136.	1.1	7
51	Decreased Craniocervical CSF Flow in Patients with Normal Pressure Hydrocephalus: A Pilot Study. <i>American Journal of Neuroradiology</i> , 2022, 43, 230-237.	1.2	7
52	Imaging microglial activation in tacrolimus-associated CNS vasculitis with translocator protein PET. <i>Neurology</i> , 2018, 91, 936-937.	1.5	6
53	The impact of endurance training and table soccer on brain metabolites in schizophrenia. <i>Brain Imaging and Behavior</i> , 2020, 14, 515-526.	1.1	6
54	The role of radical derivatives of high reactivity in the radiosensitizing action of Photofrin II. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 1398-1402.	0.4	5

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55	Different Imaging Strategies in Patients With Possible Basilar Artery Occlusion. <i>Stroke</i> , 2015, 46, 1840-1849.	1.0	5
56	Miliary pattern of brain metastases – a case report of a hyperacute onset in a patient with malignant melanoma documented by magnetic resonance imaging. <i>Radiation Oncology</i> , 2015, 10, 148.	1.2	4
57	In Vivo Morphometric Analysis of Human Cranial Nerves Using Magnetic Resonance Imaging in Men's Disease Ears and Normal Hearing Ears. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	4
58	CT and MRI Findings in Cerebral Aspergilloma. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2018, 190, 967-970.	0.7	4
59	Correspondence Between Resting-State and Episodic Memory-Task Related Networks in Elderly Subjects. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 362.	1.7	4
60	MR Pelvimetry for Breech Presentation at Term – Interobserver Reliability, Incidental Findings and Reference Values. <i>RoFo Fortschritte Auf Dem Gebiet Der Rontgenstrahlen Und Der Bildgebenden Verfahren</i> , 2019, 191, 424-432.	0.7	4
61	Association between aerobic fitness and the functional connectome in patients with schizophrenia. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, 272, 1253-1272.	1.8	4
62	Effect of Photofrin II as a radio-sensitizing agent in two different oesophageal carcinoma cell lines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2005, 09, 470-475.	0.4	3
63	Machine-learning based exploration of determinants of gray matter volume in the KORA-MRI study. <i>Scientific Reports</i> , 2020, 10, 8363.	1.6	3
64	Effect of aerobic exercise on cortical thickness in patients with schizophrenia – A dataset. <i>Data in Brief</i> , 2020, 30, 105517.	0.5	2
65	The influence of oxygen on the radiosensitizing activity of Photofrin II and hypericin. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 736-741.	0.4	1
66	Correlations Between the DMN and the Smoking Cessation Outcome of a Real-Time fMRI Neurofeedback Supported Exploratory Therapy Approach: Descriptive Statistics on Tobacco-Dependent Patients. <i>Clinical EEG and Neuroscience</i> , 2022, 53, 287-296.	0.9	1
67	ACR-RSNA Fellowship in Clinical Trials of Medical Imaging. <i>Academic Radiology</i> , 2002, 9, 1361-1363.	1.3	0
68	ARX and SHH gene mutation analyses revealed no mutation in patients with agenesis/dysgenesis of the corpus callosum. <i>Journal of Pediatric Neurology</i> , 2015, 08, 157-162.	0.0	0
69	Effect of smoking status on neuronal responses to graphic cigarette warning labels. <i>PLoS ONE</i> , 2018, 13, e0201360.	1.1	0
70	Anwendung eines Algorithmus für maschinelles Lernen zur explorativen Bestimmung extrakranieller Determinanten des Volumens der grauen Hirnsubstanz in der KORA-MRT-Studie. , 2019, 191, .		0
71	Lissencephalie bei dichorialis Zwillingschwangerschaft – TUBA1A de novo Mutation eines Feten. , 2020, 80, .		0