

Uwe Walter

List of Publications by Year in descending order

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Version: 2024-02-01

126
papers

5,615
citations

94269

37
h-index

91712

69
g-index

161
all docs

161
docs citations

161
times ranked

4538
citing authors

#	ARTICLE	IF	CITATIONS
1	Prevalence of Fabry disease in patients with cryptogenic stroke: a prospective study. <i>Lancet</i> , The, 2005, 366, 1794-1796.	6.3	430
2	Transcranial sonography in movement disorders. <i>Lancet Neurology</i> , The, 2008, 7, 1044-1055.	4.9	337
3	Brain parenchyma sonography discriminates Parkinson's disease and atypical parkinsonian syndromes. <i>Neurology</i> , 2003, 60, 74-77.	1.5	240
4	Transcranial brain parenchyma sonography in movement disorders: State of the art. <i>Ultrasound in Medicine and Biology</i> , 2007, 33, 15-25.	0.7	234
5	Transcranial Brain Sonography Findings in Discriminating Between Parkinsonism and Idiopathic Parkinson Disease. <i>Archives of Neurology</i> , 2007, 64, 1635.	4.9	164
6	Parkinson's disease-like midbrain sonography abnormalities are frequent in depressive disorders. <i>Brain</i> , 2007, 130, 1799-1807.	3.7	156
7	Brain parenchyma sonography detects preclinical parkinsonism. <i>Movement Disorders</i> , 2004, 19, 1445-1449.	2.2	147
8	Substantia nigra echogenicity is normal in non-extrapyramidal cerebral disorders but increased in Parkinson's disease. <i>Journal of Neural Transmission</i> , 2002, 109, 191-196.	1.4	143
9	Predictors of pneumonia in acute stroke patients admitted to a neurological intensive care unit. <i>Journal of Neurology</i> , 2007, 254, 1323-9.	1.8	142
10	Lrrk2 R1441C parkinsonism is clinically similar to sporadic Parkinson disease. <i>Neurology</i> , 2008, 70, 1456-1460.	1.5	132
11	Sonographic detection of basal ganglia lesions in asymptomatic and symptomatic Wilson disease. <i>Neurology</i> , 2005, 64, 1726-1732.	1.5	126
12	Sonographic discrimination of corticobasal degeneration vs progressive supranuclear palsy. <i>Neurology</i> , 2004, 63, 504-509.	1.5	122
13	Swallowing Disturbance Pattern Relates to Brain Lesion Location in Acute Stroke Patients. <i>Stroke</i> , 2009, 40, 1903-1906.	1.0	108
14	Morphological basis for the spectrum of clinical deficits in spinocerebellar ataxia 17 (SCA17). <i>Brain</i> , 2006, 129, 2341-2352.	3.7	102
15	Sonographic discrimination of dementia with Lewy bodies and Parkinson's disease with dementia. <i>Journal of Neurology</i> , 2006, 253, 448-454.	1.8	97
16	Transcranial brain sonography findings in clinical subgroups of idiopathic Parkinson's disease. <i>Movement Disorders</i> , 2007, 22, 48-54.	2.2	90
17	Insular stroke is associated with acute sympathetic hyperactivation and immunodepression. <i>European Journal of Neurology</i> , 2013, 20, 153-159.	1.7	85
18	Reproducibility and diagnostic accuracy of substantia nigra sonography for the diagnosis of Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 1087-1092.	0.9	81

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19	Value of combined midbrain sonography, olfactory and motor function assessment in the differential diagnosis of early Parkinson's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, 441-447.	0.9	81
20	Contemporary ultrasound systems allow high-resolution transcranial imaging of small echogenic deep intracranial structures similarly as MRI: A phantom study. <i>NeuroImage</i> , 2008, 40, 551-558.	2.1	80
21	Functional relevance of ceruloplasmin mutations in Parkinson's Disease. <i>FASEB Journal</i> , 2005, 19, 1851-1853.	0.2	77
22	Transcranial Sonography (TCS) of Brain Parenchyma in Movement Disorders: Quality Standards, Diagnostic Applications and Novel Technologies. <i>Ultraschall in Der Medizin</i> , 2014, 35, 322-331.	0.8	77
23	A hexanucleotide repeat modifies expressivity of X-linked dystonia parkinsonism. <i>Annals of Neurology</i> , 2019, 85, 812-822.	2.8	67
24	Relationship of brainstem raphe echogenicity and clinical findings in depressive states. <i>Psychiatry Research - Neuroimaging</i> , 2007, 155, 67-73.	0.9	63
25	Assessment of idiopathic rapid-eye-movement sleep behavior disorder by transcranial sonography, olfactory function test, and FP-CIT-SPECT. <i>Movement Disorders</i> , 2008, 23, 596-599.	2.2	59
26	Transcranial brain sonography findings predict disease progression in multiple sclerosis. <i>Neurology</i> , 2009, 73, 1010-1017.	1.5	57
27	Atrophy of the Vagus Nerve in Parkinson's Disease Revealed by High-Resolution Ultrasonography. <i>Frontiers in Neurology</i> , 2018, 9, 805.	1.1	55
28	PET and MRI Reveal Early Evidence of Neurodegeneration in Spinocerebellar Ataxia Type 17. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1074-1080.	2.8	54
29	Recurrent Stroke after Lobar and Deep Intracerebral Hemorrhage: A Hospital-Based Cohort Study. <i>Cerebrovascular Diseases</i> , 2011, 32, 283-288.	0.8	53
30	Ultrasound-guided botulinum toxin injections in neurology: technique, indications and future perspectives. <i>Expert Review of Neurotherapeutics</i> , 2014, 14, 923-936.	1.4	52
31	Defining spasticity: a new approach considering current movement disorders terminology and botulinum toxin therapy. <i>Journal of Neurology</i> , 2018, 265, 856-862.	1.8	51
32	Screening for mutations of the ferritin light and heavy genes in Parkinson's disease patients with hyperechogenicity of the substantia nigra. <i>Neuroscience Letters</i> , 2003, 352, 53-56.	1.0	49
33	Application of Transcranial Sonography in Extrapyrmidal Disorders: Updated Recommendations. <i>Ultraschall in Der Medizin</i> , 2006, 27, 12-19.	0.8	48
34	Substantia nigra hyperechogenicity as a marker of predisposition and slower progression in Parkinson's disease. <i>Movement Disorders</i> , 2006, 21, 94-98.	2.2	45
35	Relevance of sonography for botulinum toxin treatment of cervical dystonia: an expert statement. <i>Journal of Neural Transmission</i> , 2015, 122, 1457-1463.	1.4	45
36	Transcranial sonography findings related to non-motor features of Parkinson's disease. <i>Journal of the Neurological Sciences</i> , 2010, 289, 123-127.	0.3	42

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37	Screening for mutations of the HFE gene in Parkinson's disease patients with hyperechogenicity of the substantia nigra. <i>Neuroscience Letters</i> , 2006, 407, 16-19.	1.0	40
38	Substantia nigra hyperechogenicity in depressive subjects relates to motor asymmetry and impaired word fluency. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2009, 259, 92-97.	1.8	37
39	Evidence of TAF1 dysfunction in peripheral models of X-linked dystonia-parkinsonism. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 3205-3215.	2.4	37
40	Consensus guidelines for botulinum toxin therapy: general algorithms and dosing tables for dystonia and spasticity. <i>Journal of Neural Transmission</i> , 2021, 128, 321-335.	1.4	37
41	Method and Validity of Transcranial Sonography in Movement Disorders. <i>International Review of Neurobiology</i> , 2010, 90, 7-34.	0.9	36
42	When is "brainstem death" brain death? The case for ancillary testing in primary infratentorial brain lesion. <i>Clinical Neurophysiology</i> , 2018, 129, 2451-2465.	0.7	34
43	Structural Changes Associated with Progression of Motor Deficits in Spinocerebellar Ataxia 17. <i>Cerebellum</i> , 2010, 9, 210-217.	1.4	33
44	Prodromal Markers in Parkinson's Disease: Limitations in Longitudinal Studies and Lessons Learned. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 147.	1.7	33
45	Efficacy of intravenous lacosamide in refractory nonconvulsive status epilepticus and simple partial status epilepticus. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2011, 20, 529-532.	0.9	32
46	Treatment and course of different subtypes of status epilepticus. <i>Epilepsy Research</i> , 2013, 107, 156-162.	0.8	32
47	Results of Membrane-activated Chelator Stroke Intervention Randomized Trial of DP-b99 in Acute Ischemic Stroke. <i>Stroke</i> , 2013, 44, 580-584.	1.0	32
48	Botulinum toxin therapy for treatment of spasticity in multiple sclerosis: review and recommendations of the IAB-Interdisciplinary Working Group for Movement Disorders task force. <i>Journal of Neurology</i> , 2017, 264, 112-120.	1.8	32
49	Adenovirus-Vectored COVID-19 Vaccine-Induced Immune Thrombosis of Carotid Artery. <i>Neurology</i> , 2021, 97, 716-719.	1.5	32
50	Differential age-, gender-, and side-dependency of vagus, spinal accessory, and phrenic nerve calibers detected with precise ultrasonography measures. <i>Muscle and Nerve</i> , 2019, 59, 486-491.	1.0	31
51	Can Autonomic Testing and Imaging Contribute to the Early Diagnosis of Multiple System Atrophy? A Systematic Review and Recommendations by the Movement Disorder Society Multiple System Atrophy Study Group. <i>Movement Disorders Clinical Practice</i> , 2020, 7, 750-762.	0.8	31
52	Frequency and risk factors of antibody-induced secondary failure of botulinum neurotoxin therapy. <i>Neurology</i> , 2020, 94, e2109-e2120.	1.5	31
53	Transcranial Sonography Findings in Depression in Association With Psychiatric and Neurologic Diseases: A Review. <i>Journal of Neuroimaging</i> , 2016, 26, 257-263.	1.0	30
54	Transcranial Sonography in Brain Disorders with Trace Metal Accumulation. <i>International Review of Neurobiology</i> , 2010, 90, 166-178.	0.9	27

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55	Mirror movements in amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2011, 12, 393-397.	2.3	27
56	Potential impact of self-perceived prodromal symptoms on the early diagnosis of Parkinson's disease. <i>Journal of Neurology</i> , 2013, 260, 3077-3085.	1.8	27
57	Substantia nigra echogenicity and imaging of striatal dopamine transporters in Parkinson's disease: A cross-sectional study. <i>Parkinsonism and Related Disorders</i> , 2014, 20, 477-481.	1.1	27
58	Doppler and Duplex Sonography for the Diagnosis of the Irreversible Cessation of Brain Function (â€œBrain Deathâ€): Current Guidelines in Germany and Neighboring Countries. <i>Ultraschall in Der Medizin</i> , 2016, 37, 558-578.	0.8	27
59	Age- and sex-related heterogeneity in prodromal Parkinson's disease. <i>Movement Disorders</i> , 2018, 33, 1025-1027.	2.2	26
60	How to Measure Substantia Nigra Hyperechogenicity in Parkinson Disease. <i>Journal of Ultrasound in Medicine</i> , 2013, 32, 1837-1843.	0.8	25
61	Screening for mutations of the IRP2 gene in Parkinson's disease patients with hyperechogenicity of the substantia nigra. <i>Journal of Neural Transmission</i> , 2004, 111, 515-521.	1.4	24
62	Transcranial sonography findings in welding-related Parkinsonism in comparison to Parkinson's disease. <i>Movement Disorders</i> , 2008, 23, 141-145.	2.2	24
63	Lenticular nucleus hyperechogenicity in Wilson's disease reflects local copper, but not iron accumulation. <i>Journal of Neural Transmission</i> , 2014, 121, 1273-1279.	1.4	24
64	Methods in Neuroepidemiology Characterization of European Longitudinal Cohort Studies in Parkinson's Disease - Report of the JPND Working Group BioLoC-PD. <i>Neuroepidemiology</i> , 2015, 45, 282-297.	1.1	23
65	Deep brain stimulation in dystonia: Sonographic monitoring of electrode placement into the globus pallidus internus. <i>Movement Disorders</i> , 2009, 24, 1538-1541.	2.2	22
66	Transcranial Sonographic Localization of Deep Brain Stimulation Electrodes Is Safe, Reliable and Predicts Clinical Outcome. <i>Ultrasound in Medicine and Biology</i> , 2011, 37, 1382-1391.	0.7	21
67	Ultrahigh field magnetic resonance and colour Doppler real-time fusion imaging of the orbit â€“ a hybrid tool for assessment of choroidal melanoma. <i>European Radiology</i> , 2014, 24, 1112-1117.	2.3	21
68	Pregnancy-related knowledge of women with epilepsy â€” An internet-based survey in German-speaking countries. <i>Epilepsy and Behavior</i> , 2018, 79, 17-22.	0.9	20
69	Linked Dystonia-Parkinsonism manifesting in a female patient due to atypical turner syndrome. <i>Movement Disorders</i> , 2013, 28, 675-678.	2.2	19
70	Magnetic resonance-transcranial ultrasound fusion imaging: A novel tool for brain electrode location. <i>Movement Disorders</i> , 2016, 31, 302-309.	2.2	19
71	Overactive bladder in Parkinson's disease: alteration of brainstem raphe detected by transcranial sonography. <i>European Journal of Neurology</i> , 2006, 13, 1291-1297.	1.7	18
72	Sonographic Alteration of Lenticular Nucleus in Focal Task-Specific Dystonia of Musicians. <i>Neurodegenerative Diseases</i> , 2012, 9, 99-103.	0.8	18

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73	Assessment of Substantia Nigra Echogenicity in German and Filipino Populations Using a Portable Ultrasound System. <i>Journal of Ultrasound in Medicine</i> , 2012, 31, 191-196.	0.8	18
74	Sonography for Diagnosis of Parkinson Disease—From Theory to Practice. <i>Journal of Ultrasound in Medicine</i> , 2014, 33, 2069-2074.	0.8	18
75	Frequency and profile of Parkinson's disease prodromi in patients with malignant melanoma. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 302-310.	0.9	18
76	Transcranial Sonography in Huntington's Disease. <i>International Review of Neurobiology</i> , 2010, 90, 237-257.	0.9	17
77	Sonographic detection of basal ganglia abnormalities in spasmodic dysphonia. <i>European Journal of Neurology</i> , 2014, 21, 349-352.	1.7	17
78	Anatomic and pathological characterization of choroidal melanoma using multimodal imaging. <i>Melanoma Research</i> , 2015, 25, 252-258.	0.6	17
79	Clinical, genetic, and brain sonographic features related to Parkinson's disease in Gaucher disease. <i>Journal of Neurology</i> , 2013, 260, 2523-2531.	1.8	16
80	Interhemispheric inhibition in different phenotypes of progressive supranuclear palsy. <i>Journal of Neural Transmission</i> , 2013, 120, 453-461.	1.4	16
81	Transcranial sonography of brainstem structures in panic disorder. <i>Psychiatry Research - Neuroimaging</i> , 2015, 234, 137-143.	0.9	16
82	Aiming for Study Comparability in Parkinson's Disease: Proposal for a Modular Set of Biomarker Assessments to be Used in Longitudinal Studies. <i>Frontiers in Aging Neuroscience</i> , 2016, 8, 121.	1.7	16
83	Prediction of Parkinson's disease subsequent to severe depression: a ten-year follow-up study. <i>Journal of Neural Transmission</i> , 2015, 122, 789-797.	1.4	15
84	Substantia nigra hyperechogenicity is a risk marker of Parkinson's disease: no. <i>Journal of Neural Transmission</i> , 2011, 118, 607-612.	1.4	14
85	The impact of anxiety, seizure severity, executive dysfunction, subjectively perceived psychological deficits, and depression on social function in patients with epilepsy. <i>Epilepsy and Behavior</i> , 2016, 57, 5-8.	0.9	14
86	Transcranial brain sonography findings in Parkinson's disease: implications for pathogenesis, early diagnosis and therapy. <i>Expert Review of Neurotherapeutics</i> , 2009, 9, 835-846.	1.4	13
87	Recurrent aphasic status epilepticus after prolonged generalized tonic-clonic seizures versus a special feature of Todd's paralysis. <i>Epilepsy and Behavior</i> , 2011, 20, 132-137.	0.9	13
88	Transcranial Sonography of the Insula: Digitized Image Analysis of Fusion Images with Magnetic Resonance. <i>Ultraschall in Der Medizin</i> , 2016, 37, 604-608.	0.8	13
89	Transcranial sonography in atypical parkinsonism: How reliable is it in real clinical practice? A multicentre comprehensive study. <i>Parkinsonism and Related Disorders</i> , 2019, 68, 40-45.	1.1	13
90	Sonographic alteration of substantia nigra is related to parkinsonism-predominant course of X-linked dystonia-parkinsonism. <i>Parkinsonism and Related Disorders</i> , 2017, 37, 43-49.	1.1	12

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91	Vagus Nerve Cross-Sectional Area in Patients With Parkinson's Disease—An Ultrasound Case-Control Study. <i>Frontiers in Neurology</i> , 2021, 12, 681413.	1.1	12
92	Posterior reversible encephalopathy syndrome (PRES): An unusual primary manifestation of a diffuse large B-cell lymphoma. <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 819-821.	0.6	11
93	Substantia nigra echogenicity in Parkinson's disease: relation to serum iron and C-reactive protein. <i>Journal of Neural Transmission</i> , 2012, 119, 53-57.	1.4	11
94	Accuracy of transcranial brain parenchyma sonography in the diagnosis of dementia with Lewy bodies. <i>European Journal of Neurology</i> , 2016, 23, 1322-1328.	1.7	11
95	Point-of-Care Ultrasound in Neurology — Report of the EAN SPN/ESNCH/ERCnsono Neuro-POCUS Working Group. <i>Ultraschall in Der Medizin</i> , 2022, 43, 354-366.	0.8	11
96	Transcranial Sonography-Assisted Stereotaxy and Follow-Up of Deep Brain Implants in Patients with Movement Disorders. <i>International Review of Neurobiology</i> , 2010, 90, 274-285.	0.9	10
97	Midbrain raphe hypoechogenicity in migraineurs: An indicator for the use of analgesics but not triptans. <i>Cephalalgia</i> , 2017, 37, 1057-1066.	1.8	10
98	A simplified ultrasonography-guided approach for neurotoxin injection into the obliquus capitis inferior muscle in spasmodic torticollis. <i>Journal of Neural Transmission</i> , 2018, 125, 1037-1042.	1.4	10
99	The Role of Ultrasound for the Personalized Botulinum Toxin Treatment of Cervical Dystonia. <i>Toxins</i> , 2021, 13, 365.	1.5	10
100	A red flag for diagnosing brain death: decompressive craniectomy of the posterior fossa. <i>Canadian Journal of Anaesthesia</i> , 2022, 69, 900-906.	0.7	10
101	Influence of repetitive transcranial magnetic stimulation on special symptoms in depressed patients. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 577-586.	0.4	9
102	Transcranial sonography of the cerebral parenchyma: Update on clinically relevant applications. <i>Perspectives in Medicine</i> , 2012, 1, 334-343.	0.4	9
103	Transcranial brain sonography findings related to neuropsychological impairment in multiple sclerosis. <i>Journal of Neurology</i> , 2007, 254, 1149-1152.	1.8	8
104	Sonographic basal ganglia alterations are related to non-motor symptoms in multiple sclerosis. <i>Journal of Neurology</i> , 2011, 258, 195-202.	1.8	8
105	Transcranial Sonography and DaTSCAN in Early Stage Parkinson's Disease and Essential Tremor. <i>European Neurology</i> , 2016, 76, 252-255.	0.6	8
106	Cerebral venous sinus thrombosis after adenovirus-vectored COVID-19 vaccination: review of the neurological-neuroradiological procedure. <i>Neuroradiology</i> , 2022, 64, 865-874.	1.1	8
107	Transcranial sonography in mitochondrial membrane protein-associated neurodegeneration. <i>Parkinsonism and Related Disorders</i> , 2013, 19, 1061-1063.	1.1	7
108	Transcranial Sonography in Neurodegenerative Diseases with Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2017, 61, 29-40.	1.2	7

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109	Sonographic Evaluation of Muscle Echogenicity for the Detection of Intensive Care Unit-Acquired Weakness: A Pilot Single-Center Prospective Cohort Study. <i>Diagnostics</i> , 2022, 12, 1378.	1.3	7
110	Altered callosal function in cerebral microangiopathy. <i>Journal of Neurology</i> , 2010, 257, 590-597.	1.8	6
111	Asymmetric Postural Tremor Preceding DOPA-Responsive Parkinsonism – the Transition Disease. <i>Journal of Parkinson's Disease</i> , 2014, 4, 45-55.	1.5	6
112	The measuring of substantia nigra hyperechogenicity in an Italian cohort of Parkinson disease patients: a case/control study (NOBIS Study). <i>Journal of Neural Transmission</i> , 2017, 124, 869-879.	1.4	6
113	How small can small nerves be for diagnostic ultrasonography?. <i>Ultraschall in Der Medizin</i> , 2019, 40, 400-402.	0.8	4
114	Intra- and post-operative monitoring of deep brain implants using transcranial ultrasound. <i>Perspectives in Medicine</i> , 2012, 1, 344-348.	0.4	3
115	Case report: absence-status as late reexacerbation of genetic epilepsy of adolescence. <i>Acta Neurologica Belgica</i> , 2016, 116, 675-676.	0.5	3
116	Dentate-nucleus gadolinium deposition on magnetic resonance imaging: ultrasonographic and clinical correlates in multiple sclerosis patients. <i>Neurological Sciences</i> , 2022, 43, 2631-2639.	0.9	3
117	Combined assessment by transcranial sonography and Sniffinâ€™ Sticks test has a similar diagnostic accuracy compared to brain SPECT for Parkinson's disease diagnosis.. <i>Clinical Neurology and Neurosurgery</i> , 2022, 220, 107333.	0.6	3
118	Evaluation of Choroidal Melanoma Vascularization by Color Doppler Flow Imaging: An Option for Follow-Up Tumor Control Assessment after CyberKnife®?. <i>Medicina (Lithuania)</i> , 2021, 57, 553.	0.8	2
119	Effects of insular involvement on functional outcome after intracerebral hemorrhage. <i>Acta Neurologica Scandinavica</i> , 2021, 144, 559-565.	1.0	2
120	Transcranial brain sonography for Parkinsonian syndromes. <i>Journal of Neurosurgical Sciences</i> , 2019, 63, 441-449.	0.3	2
121	Characterization of the interaction of alkaline phosphatase with an activity inhibiting monoclonal antibody by progress curve analysis. <i>Journal of Immunological Methods</i> , 1995, 182, 29-39.	0.6	0
122	Preface. <i>International Review of Neurobiology</i> , 2010, 90, xiii.	0.9	0
123	Brain parenchyma imaging. , 0, , 288-299.		0
124	Ultrasound Guidance for Botulinum Toxin Application. , 0, , 149-153.		0
125	From outer space to earth: Ultrasonographic dynamic pupillometry for autonomic testing and neuro-critical care. <i>Ultraschall in Der Medizin</i> , 2021, 42, 7-9.	0.8	0
126	Combining Testing Methods. <i>Deutsches A&#x0308;rztblatt International</i> , 2013, 110, 345.	0.6	0