

# Anna Heidbreder

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

2,825  
citations

236925

25  
h-index

197818

49  
g-index

106  
all docs

106  
docs citations

106  
times ranked

2806  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic analysis of muscular activity in the flexor digitorum superficialis muscles: a fast screening method for rapid eye movement sleep without atonia. <i>Sleep</i> , 2023, 46, .	1.1	5
2	Video-polysomnography procedures for diagnosis of rapid eye movement sleep behavior disorder (RBD) and the identification of its prodromal stages: guidelines from the International RBD Study Group. <i>Sleep</i> , 2022, 45, .	1.1	64
3	Rare PSAP Variants and Possible Interaction with GBA in REM Sleep Behavior Disorder. <i>Journal of Parkinson's Disease</i> , 2022, 12, 333-340.	2.8	3
4	Implantable cardiac devices in sleep apnoea diagnosis: A systematic review and meta-analysis. <i>International Journal of Cardiology</i> , 2022, 348, 76-82.	1.7	4
5	Increased Intrathecal B and Plasma Cells in Patients With Anti-IgLON5 Disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2022, 9, .	6.0	8
6	The additional diagnostic benefits of performing both video-polysomnography and prolonged video-EEG-monitoring: When and why. <i>Clinical Neurophysiology Practice</i> , 2022, 7, 98-102.	1.4	2
7	Data-Driven Phenotyping of Central Disorders of Hypersomnolence With Unsupervised Clustering. <i>Neurology</i> , 2022, 98, .	1.1	17
8	Rapid eye movement sleep behaviour disorder: Past, present, and future. <i>Journal of Sleep Research</i> , 2022, 31, e13612.	3.2	12
9	Effects of nasal high flow on nocturnal hypercapnia, sleep, and sympathovagal balance in patients with neuromuscular disorders. <i>Sleep and Breathing</i> , 2021, 25, 1441-1451.	1.7	4
10	Central Sleep Apnea and Pacing-Induced Cardiomyopathy. <i>American Journal of Cardiology</i> , 2021, 139, 97-104.	1.6	7
11	Comprehensive Analysis of Familial Parkinsonism Genes in Rapidâ€œEyeâ€œMovement Sleep Behavior Disorder. <i>Movement Disorders</i> , 2021, 36, 235-240.	3.9	11
12	Convergent patterns of structural brain changes in rapid eye movement sleep behavior disorder and Parkinsonâ€™s disease on behalf of the German rapid eye movement sleep behavior disorder study group. <i>Sleep</i> , 2021, 44, .	1.1	26
13	Functional connectivity and topology in patients with restless legs syndrome: a caseâ€œcontrol restingâ€œstate functional magnetic resonance imaging study. <i>European Journal of Neurology</i> , 2021, 28, 448-458.	3.3	24
14	Birds of a Feather Flock Together: Disadvantageous Decision Making in Augmented Restless Legs Syndrome Patients with and without Impulse Control Disorders. <i>Brain Sciences</i> , 2021, 11, 383.	2.3	4
15	Specialist approaches to prognostic counseling in isolated REM sleep behavior disorder. <i>Sleep Medicine</i> , 2021, 79, 107-112.	1.6	19
16	Flexor digitorum superficialis muscular activity is more reliable than mentalis muscular activity for rapid eye movement sleep without atonia quantification: A study of interrater reliability for artifact correction in the context of semiautomated scoring of rapid eye movement sleep without atonia. <i>Sleep</i> , 2021, 44, .	1.1	10
17	Detection of Î³â€œhydroxybutyric acidâ€œrelated acids in blood plasma and urine: Extending the detection window of an exogenous Î³â€œhydroxybutyric acid intake?. <i>Drug Testing and Analysis</i> , 2021, 13, 1635-1649.	2.6	7
18	Interrater sleep stage scoring reliability between manual scoring from two European sleep centers and automatic scoring performed by the artificial intelligenceâ€œbased Stanford-STAGES algorithm. <i>Journal of Clinical Sleep Medicine</i> , 2021, 17, 1237-1247.	2.6	27

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19	Sleep quality and daytime sleepiness in epilepsy: Systematic review and meta-analysis of 25 studies including 8,196 individuals. <i>Sleep Medicine Reviews</i> , 2021, 57, 101466.	8.5	20
20	Levels of GHB in hair after regular application. <i>Forensic Science International</i> , 2021, 325, 110885.	2.2	6
21	Signs of sympathetic and endothelial cell activation in the skin of patients with restless legs syndrome. <i>Sleep Medicine</i> , 2021, 84, 227-236.	1.6	4
22	Frequency and Characterization of Movement Disorders in Anti-IgLON5 Disease. <i>Neurology</i> , 2021, 97, .	1.1	50
23	Novel Associations of <i>BST1</i> and <i>LAMP3</i> With REM Sleep Behavior Disorder. <i>Neurology</i> , 2021, 96, e1402-e1412.	1.1	12
24	Increased neural motor activation and functional reorganization in patients with idiopathic rapid eye movement sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2021, 92, 76-82.	2.2	6
25	Automatic 3D Video Analysis of Upper and Lower Body Movements to Identify Isolated REM Sleep Behavior Disorder: A Pilot Study <sup>*</sup> , 2021, 2021, 7050-7053.		1
26	Genetic, Structural, and Functional Evidence Link <i>TMEM175</i> to Synucleinopathies. <i>Annals of Neurology</i> , 2020, 87, 139-153.	5.3	65
27	Response to: Respiratory muscle dysfunction in facioscapulohumeral muscular dystrophy. Letter to the editor—reference article: sleep-related breathing disorders in facioscapulohumeral dystrophy ( <a href="https://doi.org/10.1007/s11325-019-01843-1">https://doi.org/10.1007/s11325-019-01843-1</a> ) by Santos DB et al.. <i>Sleep and Breathing</i> , 2020, 24, 675-676.	1.7	1
28	A prospective controlled study about sleep disorders in drug resistant epilepsy. <i>Sleep Medicine</i> , 2020, 75, 434-440.	1.6	12
29	Increased behavioral inhibition trait and negative stress coping in non-“rapid eye movement parasomnias. <i>Journal of Clinical Sleep Medicine</i> , 2020, 16, 1737-1744.	2.6	5
30	Therapy for Cataplexy. <i>Current Treatment Options in Neurology</i> , 2020, 22, 1.	1.8	0
31	<i>GBA</i> variants in REM sleep behavior disorder. <i>Neurology</i> , 2020, 95, e1008-e1016.	1.1	45
32	Fine-Mapping of <i>SNCA</i> in Rapid Eye Movement Sleep Behavior Disorder and Overt Synucleinopathies. <i>Annals of Neurology</i> , 2020, 87, 584-598.	5.3	39
33	SMPD1 variants do not have a major role in rapid eye movement sleep behavior disorder. <i>Neurobiology of Aging</i> , 2020, 93, 142.e5-142.e7.	3.1	4
34	Arousal-Störungen. , 2020, , 317-323.		0
35	0673 Multimodal MRI Reveals Alterations Of Sensorimotor Circuits In Restless Legs Syndrome. <i>Sleep</i> , 2019, 42, A268-A270.	1.1	0
36	Multimodal Magnetic Resonance Imaging reveals alterations of sensorimotor circuits in restless legs syndrome. <i>Sleep</i> , 2019, 42, .	1.1	29

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37	Sleep-related breathing disorders in facioscapulohumeral dystrophy. <i>Sleep and Breathing</i> , 2019, 23, 899-906.	1.7	21
38	Risk and predictors of dementia and parkinsonism in idiopathic REM sleep behaviour disorder: a multicentre study. <i>Brain</i> , 2019, 142, 744-759.	7.6	636
39	Sleep-disordered breathing and effects of non-invasive ventilation on objective sleep and nocturnal respiration in patients with myotonic dystrophy type I. <i>Neuromuscular Disorders</i> , 2019, 29, 302-309.	0.6	28
40	HLA and microtubule-associated protein tau H1 haplotype associations in anti-IgLON5 disease. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2019, 6, .	6.0	55
41	Disease-specific attention impairment in disorders of chronic excessive daytime sleepiness. <i>Sleep Medicine</i> , 2019, 53, 133-140.	1.6	14
42	Specific T-cell activation in peripheral blood and cerebrospinal fluid in central disorders of hypersomnolence. <i>Sleep</i> , 2019, 42, .	1.1	14
43	Neuroimaging of Rapid Eye Movement Sleep Behavior Disorder. <i>International Review of Neurobiology</i> , 2019, 144, 185-210.	2.0	23
44	Association of mitochondrial iron deficiency and dysfunction with idiopathic restless legs syndrome. <i>Movement Disorders</i> , 2019, 34, 114-123.	3.9	21
45	RBD: Future Directions in Research and Clinical Care and Counseling. , 2019, , 649-663.		1
46	Upper airway obstruction induced by non-invasive ventilation using an oronasal interface. <i>Sleep and Breathing</i> , 2018, 22, 781-788.	1.7	31
47	Reflection impulsivity perceptual decision-making in patients with restless legs syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 315-322.	3.7	10
48	LRRK2 protective haplotype and full sequencing study in REM sleep behavior disorder. <i>Parkinsonism and Related Disorders</i> , 2018, 52, 98-101.	2.2	25
49	Screening for idiopathic REM sleep behavior disorder: usefulness of actigraphy. <i>Sleep</i> , 2018, 41, .	1.1	38
50	Microstructural cerebral lesions are associated with the severity of central sleep apnea with Cheyne-Stokes-respiration in heart failure and are modified by PAP-therapy. <i>Respiratory Physiology and Neurobiology</i> , 2018, 247, 181-187.	1.6	3
51	The Perception and Attention Functions test battery as a measure of neurocognitive impairment in patients with suspected central disorders of hypersomnolence. <i>Journal of Sleep Research</i> , 2018, 27, 275-282.	3.2	9
52	Sleep apnea detection by a cardiac resynchronization device integrated thoracic impedance sensor: A validation study against the gold standard polysomnography. <i>PLoS ONE</i> , 2018, 13, e0195573.	2.5	12
53	Full sequencing and haplotype analysis of <i>MAPT</i> in Parkinson's disease and rapid eye movement sleep behavior disorder. <i>Movement Disorders</i> , 2018, 33, 1016-1020.	3.9	31
54	Anti-IgLON 5 Disease. <i>Current Treatment Options in Neurology</i> , 2018, 20, 29.	1.8	30

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55	Idiopathic Hypersomnia Patients Revealed Longer Circadian Period Length in Peripheral Skin Fibroblasts. <i>Frontiers in Neurology</i> , 2018, 9, 424.	2.4	25
56	Do periodic leg movements differ between restless legs syndrome patients with low versus normal iron stores?. <i>Sleep Medicine</i> , 2017, 32, 271.	1.6	5
57	Response to comment on "Peripheral nerve function in patients with excessive fragmentary myoclonus during sleep". <i>Sleep Medicine</i> , 2017, 33, 194.	1.6	0
58	GHB-O- $\beta$ -glucuronide in blood and urine is not a suitable tool for the extension of the detection window after GHB intake. <i>Forensic Toxicology</i> , 2017, 35, 263-274.	2.4	18
59	Esophageal motor impairment in REM-sleep behavior disorder: A biomarker of early Parkinson's disease?. <i>Parkinsonism and Related Disorders</i> , 2017, 38, 95-96.	2.2	3
60	Alterations in gene expression after gamma-hydroxybutyric acid intake" A pilot study. <i>International Journal of Legal Medicine</i> , 2017, 131, 1261-1270.	2.2	4
61	Gray matter abnormalities of the dorsal posterior cingulate in sleep walking. <i>Sleep Medicine</i> , 2017, 36, 152-155.	1.6	29
62	Clinical manifestations of the anti-IgLON5 disease. <i>Neurology</i> , 2017, 88, 1736-1743.	1.1	300
63	Isolated dysphagia as initial sign of anti-IgLON5 syndrome. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2017, 4, e302.	6.0	42
64	Determination of GHB and GHB- $\beta$ -O-glucuronide in hair of three narcoleptic patients" Comparison between single and chronic GHB exposure. <i>Forensic Science International</i> , 2017, 278, e8-e13.	2.2	18
65	Potential of GHB phase-II-metabolites to complement current approaches in GHB post administration detection. <i>Forensic Science International</i> , 2017, 279, 157-164.	2.2	23
66	Validation of a leg movements count and periodic leg movements analysis in a custom polysomnography system. <i>BMC Neurology</i> , 2017, 17, 42.	1.8	25
67	Influence of high altitude on periodic leg movements during sleep in individuals with restless legs syndrome and healthy controls: A pilot study. <i>Sleep Medicine</i> , 2017, 29, 88-89.	1.6	7
68	The dementia-associated APOE $\epsilon$ 4 allele is not associated with rapid eye movement sleep behavior disorder. <i>Neurobiology of Aging</i> , 2017, 49, 218.e13-218.e15.	3.1	25
69	Haste makes waste: Decision making in patients with restless legs syndrome with and without augmentation. <i>PLoS ONE</i> , 2017, 12, e0174793.	2.5	14
70	Influence of a Post-Test Factor on the Results of the Multiple Sleep Latency Test. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 529-531.	2.6	3
71	Oxygen desaturation during night sleep affects decision-making in patients with obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2016, 25, 395-403.	3.2	8
72	Peripheral nerve function in patients with excessive fragmentary myoclonus during sleep. <i>Sleep Medicine</i> , 2016, 22, 61-64.	1.6	22

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73	Augmentation and impulsive behaviors in restless legs syndrome. <i>Neurology</i> , 2016, 87, 36-40.	1.1	38
74	Not Only Sleepwalking But NREM Parasomnia Irrespective of the Type Is Associated with HLA DQB1*05:01. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 565-570.	2.6	58
75	IgLON5 autoimmunity and abnormal behaviours during sleep. <i>Lancet, The</i> , 2015, 385, 1590.	13.7	49
76	Natural course of restless legs syndrome/Willis-Ekbom disease: long-term observation of a large clinical cohort. <i>Sleep Medicine</i> , 2015, 16, 1252-1258.	1.6	29
77	Altered Dynamics in the Circadian Oscillation of Clock Genes in Dermal Fibroblasts of Patients Suffering from Idiopathic Hypersomnia. <i>PLoS ONE</i> , 2014, 9, e85255.	2.5	41
78	Rapid eye movement sleep behavior disorder: devising controlled active treatment studies for symptomatic and neuroprotective therapy—a consensus statement from the International Rapid Eye Movement Sleep Behavior Disorder Study Group. <i>Sleep Medicine</i> , 2013, 14, 795-806.	1.6	209
79	Brainstem Involvement as a Cause of Central Sleep Apnea: Pattern of Microstructural Cerebral Damage in Patients with Cerebral Microangiopathy. <i>PLoS ONE</i> , 2013, 8, e60304.	2.5	33
80	Sequence variants in circadian rhythmic genes in a cohort of patients suffering from hypersomnia of central origin. <i>Biological Rhythm Research</i> , 2011, 42, 407-416.	0.9	7
81	Fatigue, reduced sleep quality and restless legs syndrome in Charcot-Marie-Tooth disease: a web-based survey. <i>Journal of Neurology</i> , 2010, 257, 646-652.	3.6	61
82	Connective tissue and vascular phenotype in patients with cervical artery dissection. <i>Neurology</i> , 2007, 68, 2120-2124.	1.1	43
83	Mild Mechanical Traumas Are Possible Risk Factors for Cervical Artery Dissection. <i>Cerebrovascular Diseases</i> , 2007, 23, 275-281.	1.7	105