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List of Publications by Year in descending order

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81900 62596 7,475 149 39 80 citations h-index g-index papers 155 155 155 9574 docs citations times ranked citing authors all docs

#	Article	IF	Citations
1	Consensus Paper: The Cerebellum's Role in Movement and Cognition. Cerebellum, 2014, 13, 151-177.	2.5	815
2	Consensus Paper: Roles of the Cerebellum in Motor Controlâ€"The Diversity of Ideas on Cerebellar Involvement in Movement. Cerebellum, 2012, 11, 457-487.	2.5	644
3	Clinical and epidemiological characteristics of 1420 European patients with mildâ€toâ€moderate coronavirus disease 2019. Journal of Internal Medicine, 2020, 288, 335-344.	6.0	627
4	Generation of functional thyroid from embryonic stem cells. Nature, 2012, 491, 66-71.	27.8	319
5	Consensus Paper: Revisiting the Symptoms and Signs of Cerebellar Syndrome. Cerebellum, 2016, 15, 369-391.	2.5	260
6	The wide spectrum of spinocerebellar ataxias (SCAs). Cerebellum, 2005, 4, 2-6.	2.5	253
7	Consensus Paper: Cerebellum and Social Cognition. Cerebellum, 2020, 19, 833-868.	2.5	205
8	Cerebellar Transcranial Direct Current Stimulation (ctDCS). Neuroscientist, 2016, 22, 83-97.	3.5	177
9	Cerebellar ataxias. Current Opinion in Neurology, 2009, 22, 419-429.	3.6	169
10	The Cerebellar Cognitive Affective/Schmahmann Syndrome: a Task Force Paper. Cerebellum, 2020, 19, 102-125.	2.5	157
11	Consensus Paper: Neuroimmune Mechanisms of Cerebellar Ataxias. Cerebellum, 2016, 15, 213-232.	2.5	142
12	Topography of Cerebellar Deficits in Humans. Cerebellum, 2012, 11, 336-351.	2.5	138
13	Schmahmann's syndrome - identification of the third cornerstone of clinical ataxiology. Cerebellum and Ataxias, 2015, 2, 2.	1.9	137
14	Consensus Paper: Experimental Neurostimulation of the Cerebellum. Cerebellum, 2019, 18, 1064-1097.	2.5	120
15	PGC-1alpha Down-Regulation Affects the Antioxidant Response in Friedreich's Ataxia. PLoS ONE, 2010, 5, e10025.	2.5	118
16	Neurological Tremor: Sensors, Signal Processing and Emerging Applications. Sensors, 2010, 10, 1399-1422.	3.8	117
17	In vivo effects of antibodies from patients with anti-NMDA receptor encephalitis: further evidence of synaptic glutamatergic dysfunction. Orphanet Journal of Rare Diseases, 2010, 5, 31.	2.7	102
18	Consensus paper: Decoding the Contributions of the Cerebellum as a Time Machine. From Neurons to Clinical Applications. Cerebellum, 2019, 18, 266-286.	2.5	101

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19	Targeting the Cerebellum by Noninvasive Neurostimulation: a Review. Cerebellum, 2017, 16, 695-741.	2.5	89
20	Mechanisms of human cerebellar dysmetria: experimental evidence and current conceptual bases. Journal of NeuroEngineering and Rehabilitation, 2009, 6 , 10 .	4.6	85
21	Anodal Transcranial Direct Current Stimulation (tDCS) Decreases the Amplitudes of Long-Latency Stretch Reflexes in Cerebellar Ataxia. Annals of Biomedical Engineering, 2013, 41, 2437-2447.	2.5	82
22	The Classification of Autosomal Recessive Cerebellar Ataxias: a Consensus Statement from the Society for Research on the Cerebellum and Ataxias Task Force. Cerebellum, 2019, 18, 1098-1125.	2.5	80
23	Marked reduction of cerebellar deficits in upper limbs following transcranial cerebello-cerebral DC stimulation: tremor reduction and re-programming of the timing of antagonist commands. Frontiers in Systems Neuroscience, 2014, 8, 9.	2.5	70
24	The role of the cerebellum in reconstructing social action sequences: a pilot study. Social Cognitive and Affective Neuroscience, 2019, 14, 549-558.	3.0	68
25	Cerebellar ataxias: an update. Current Opinion in Neurology, 2020, 33, 150-160.	3.6	67
26	Toxic agents causing cerebellar ataxias. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2012, 103, 201-213.	1.8	66
27	Dynamically responsive intervention for tremor suppression. IEEE Engineering in Medicine and Biology Magazine, 2003, 22, 120-132.	0.8	63
28	Immune-mediated Cerebellar Ataxias: Practical Guidelines and Therapeutic Challenges. Current Neuropharmacology, 2018, 17, 33-58.	2.9	61
29	The Cerebellum, Cerebellar Disorders, and Cerebellar Researchâ€"Two Centuries of Discoveries. Cerebellum, 2008, 7, 505-516.	2.5	59
30	Disease-specific monoclonal antibodies targeting glutamate decarboxylase impair GABAergic neurotransmission and affect motor learning and behavioral functions. Frontiers in Behavioral Neuroscience, 2015, 9, 78.	2.0	59
31	Mechanical suppression of essential tremor. Cerebellum, 2007, 6, 73-78.	2.5	57
32	The sequencing process generated by the cerebellum crucially contributes to social interactions. Medical Hypotheses, 2019, 128, 33-42.	1.5	56
33	Is essential tremor a <i>Purkinjopathy</i> ? The role of the cerebellar cortex in its pathogenesis. Movement Disorders, 2013, 28, 1759-1761.	3.9	53
34	Developmental dyslexia and widespread activation across the cerebellar hemispheres. Brain and Language, 2009, 108, 122-132.	1.6	49
35	Pathogenic Roles of Glutamic Acid Decarboxylase 65 Autoantibodies in Cerebellar Ataxias. Journal of Immunology Research, 2017, 2017, 1-12.	2.2	48
36	Monoclonal antibodies to 65kDa glutamate decarboxylase induce epitope specific effects on motor and cognitive functions in rats. Orphanet Journal of Rare Diseases, 2013, 8, 82.	2.7	46

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37	The GABAergic Septohippocampal Pathway Is Directly Involved in Internal Processes Related to Operant Reward Learning. Cerebral Cortex, 2014, 24, 2093-2107.	2.9	45
38	<i>MME</i> mutation in dominant spinocerebellar ataxia with neuropathy (SCA43). Neurology: Genetics, 2016, 2, e94.	1.9	41
39	Hemicerebellectomy blocks the enhancement of cortical motor output associated with repetitive somatosensory stimulation in the rat. Journal of Physiology, 2005, 567, 293-300.	2.9	39
40	Animal Models of Human Cerebellar Ataxias: a Cornerstone for the Therapies of the Twenty-First Century. Cerebellum, 2009, 8, 137-154.	2.5	39
41	Cerebellar and Afferent Ataxias. CONTINUUM Lifelong Learning in Neurology, 2013, 19, 1312-1343.	0.8	39
42	The mystery of the cerebellum: clues from experimental and clinical observations. Cerebellum and Ataxias, $2018, 5, 8$.	1.9	38
43	Evaluation of a wearable orthosis and an associated algorithm for tremor suppression. Physiological Measurement, 2007, 28, 415-425.	2.1	37
44	Afferent facilitation of corticomotor responses is increased by IgGs of patients with NMDA-receptor antibodies. Journal of Neurology, 2011, 258, 27-33.	3.6	36
45	The physiological basis of therapies for cerebellar ataxias. Therapeutic Advances in Neurological Disorders, 2016, 9, 396-413.	3.5	35
46	Immune-Mediated Cerebellar Ataxias: Clinical Diagnosis and Treatment Based on Immunological and Physiological Mechanisms. Journal of Movement Disorders, 2021, 14, 10-28.	1.3	34
47	Modulation of excitability as an early change leading to structural adaptation in the motor cortex. Journal of Neuroscience Research, 2006, 83, 177-180.	2.9	33
48	Tremor: From Pathogenesis to Treatment. Synthesis Lectures on Biomedical Engineering, 2008, 3, 1-212.	0.1	33
49	Probing the neuroanatomy of the cerebellum using tractography. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 154, 235-249.	1.8	32
50	Consensus Paper: Novel Directions and Next Steps of Non-invasive Brain Stimulation of the Cerebellum in Health and Disease. Cerebellum, 2022, 21, 1092-1122.	2.5	32
51	Trains of Epidural DC Stimulation of the Cerebellum Tune Corticomotor Excitability. Neural Plasticity, 2013, 2013, 1-12.	2.2	31
52	Time Is Cerebellum. Cerebellum, 2018, 17, 387-391.	2.5	31
53	The Cerebellum Modulates Rodent Cortical Motor Output after Repetitive Somatosensory Stimulation. Neurosurgery, 2005, 56, 811-820.	1.1	30
54	Trains of transcranial direct current stimulation antagonize motor cortex hypoexcitability induced by acute hemicerebellectomy. Journal of Neurosurgery, 2009, 111, 796-806.	1.6	30

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55	Dissecting the Links Between Cerebellum and Dystonia. Cerebellum, 2014, 13, 666-668.	2.5	30
56	Cognitive repercussions of hereditary cerebellar disorders. Cortex, 2011, 47, 81-100.	2.4	29
57	The Role of Î ² -Carboline Alkaloids in the Pathogenesis of Essential Tremor. Cerebellum, 2016, 15, 276-284.	2.5	29
58	The neurological update: therapies for cerebellar ataxias in 2020. Journal of Neurology, 2020, 267, 1211-1220.	3.6	29
59	Cerebellum and the deciphering of motor coding. Cerebellum, 2007, 6, 3-6.	2.5	27
60	Immune-mediated cerebellar ataxias: from bench to bedside. Cerebellum and Ataxias, 2017, 4, 16.	1.9	26
61	Management of Patients with Cerebellar Ataxia During the COVID-19 Pandemic: Current Concerns and Future Implications. Cerebellum, 2020, 19, 562-568.	2.5	26
62	Cerebellar Nuclei: Key Roles for Strategically Located Structures. Cerebellum, 2010, 9, 17-21.	2.5	25
63	A Postural Tremor Highly Responsive to Transcranial Cerebello-Cerebral DCS in ARCA3. Frontiers in Neurology, 2017, 8, 71.	2.4	25
64	Cerebellar Cortex as a Therapeutic Target for Neurostimulation. Cerebellum, 2018, 17, 777-787.	2.5	24
65	Depression of extraâ€cellular GABA and increase of NMDAâ€induced nitric oxide following acute intraâ€nuclear administration of alcohol in the cerebellar nuclei of the rat. Cerebellum, 2005, 4, 230-238.	2.5	23
66	The Contributions of the Cerebellum in Sensorimotor Control: What Are the Prevailing Opinions Which Will Guide Forthcoming Studies?. Cerebellum, 2013, 12, 313-315.	2.5	23
67	Cerebellar motor syndrome from children to the elderly. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 154, 151-166.	1.8	23
68	Anti-GAD Antibodies and the Cerebellum: Where Do We Stand?. Cerebellum, 2019, 18, 153-156.	2.5	22
69	Dysmetria and Errors in Predictions: The Role of Internal Forward Model. International Journal of Molecular Sciences, 2020, 21, 6900.	4.1	22
70	Consensus on Virtual Management of Vestibular Disorders: Urgent Versus Expedited Care. Cerebellum, 2021, 20, 4-8.	2.5	22
71	The critical need to develop tools assessing cerebellar reserve for the delivery and assessment of non-invasive cerebellar stimulation. Cerebellum and Ataxias, 2021, 8, 2.	1.9	22
72	Absence of clinical cerebellar syndrome after serial injections of more than 20 doses of gadoterate, a macrocyclic GBCA: a monocenter retrospective study. Journal of Neurology, 2017, 264, 2277-2283.	3.6	20

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73	Task Force Paper On Cerebellar Transplantation: Are We Ready to Treat Cerebellar Disorders with Cell Therapy?. Cerebellum, 2019, 18, 575-592.	2.5	20
74	Fundamental Mechanisms of Autoantibody-Induced Impairments on Ion Channels and Synapses in Immune-Mediated Cerebellar Ataxias. International Journal of Molecular Sciences, 2020, 21, 4936.	4.1	19
75	Physiology of Cerebellar Reserve: Redundancy and Plasticity of a Modular Machine. International Journal of Molecular Sciences, 2021, 22, 4777.	4.1	19
76	Mechanisms of Ethanol-Induced Cerebellar Ataxia: Underpinnings of Neuronal Death in the Cerebellum. International Journal of Environmental Research and Public Health, 2021, 18, 8678.	2.6	19
77	Tremorgenesis: a new conceptual scheme using reciprocally innervated circuit of neurons. Journal of Translational Medicine, 2008, 6, 71.	4.4	18
78	Cerebellar Research: Two Centuries of Discoveries. Cerebellum, 2012, 11, 446-448.	2.5	18
79	GABA and Glutamate: Their Transmitter Role in the CNS and Pancreatic Islets. , 0, , .		18
80	A novel approach for treating cerebellar ataxias. Medical Hypotheses, 2008, 71, 58-60.	1.5	17
81	PTPRR, Cerebellum, and Motor Coordination. Cerebellum, 2009, 8, 71-73.	2.5	17
82	Functional impacts of exoskeleton-based rehabilitation in chronic stroke: multi-joint versus single-joint robotic training. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 113.	4.6	17
83	The language of the cerebellum. Aphasiology, 2016, 30, 1378-1398.	2.2	17
84	Toxic-induced cerebellar syndrome: from the fetal period to the elderly. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 155, 333-352.	1.8	17
85	Neurotransplantation Therapy and Cerebellar Reserve. CNS and Neurological Disorders - Drug Targets, 2018, 17, 172-183.	1.4	16
86	Effects of trains of high-frequency stimulation of the premotor/supplementary motor area on conditioned corticomotor responses in hemicerebellectomized rats. Experimental Neurology, 2008, 212, 157-165.	4.1	15
87	Cerebellar Scholars' Challenging Time in COVID-19 Pandemia. Cerebellum, 2020, 19, 343-344.	2,5	15
88	Consensus Paper: Strengths and Weaknesses of Animal Models of Spinocerebellar Ataxias and Their Clinical Implications. Cerebellum, 2022, 21, 452-481.	2,5	15
89	Assessment and Rating of Motor Cerebellar Ataxias With the Kinect v2 Depth Sensor: Extending Our Appraisal. Frontiers in Neurology, 2020, 11, 179.	2.4	14
90	Cerebellar Disordersâ€"At the Crossroad of Molecular Pathways and Diagnosis. Cerebellum, 2009, 8, 417-422.	2.5	13

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91	Diversity and Complexity of Roles of Granule Cells in the Cerebellar Cortex. Editorial. Cerebellum, 2012, 11, 1-4.	2.5	13
92	Cerebellum as a Master-Piece for Linguistic Predictability. Cerebellum, 2018, 17, 101-103.	2.5	13
93	Medical and Paramedical Care of Patients With Cerebellar Ataxia During the COVID-19 Outbreak: Seven Practical Recommendations of the COVID 19 Cerebellum Task Force. Frontiers in Neurology, 2020, 11, 516.	2.4	13
94	Coupling between cerebellar hemispheres and sensory processing. Cerebellum, 2006, 5, 187-188.	2.5	12
95	A New Myohaptic Instrument to Assess Wrist Motion Dynamically. Sensors, 2010, 10, 3180-3194.	3.8	12
96	Recent Advances in the Treatment of Cerebellar Disorders. Brain Sciences, 2020, 10, 11.	2.3	12
97	Recessive cerebellar and afferent ataxias — clinical challenges and future directions. Nature Reviews Neurology, 2022, 18, 257-272.	10.1	12
98	Hemicerebellectomy impairs the modulation of cutaneomuscular reflexes by the motor cortex following repetitive somatosensory stimulation. Brain Research, 2006, 1090, 110-115.	2.2	11
99	Reinstating the ability of the motor cortex to modulate cutaneomuscular reflexes in hemicerebellectomized rats. Brain Research, 2008, 1204, 59-68.	2.2	11
100	Cognitive Impact of Cerebellar Damage: Is There a Future for Cognitive Rehabilitation?. CNS and Neurological Disorders - Drug Targets, 2018, 17, 199-206.	1.4	11
101	Effects of Inertia and Wrist Oscillations on Contralateral Neurological Postural Tremor Using the Wristalyzer, a New Myohaptic Device. IEEE Transactions on Biomedical Circuits and Systems, 2008, 2, 269-279.	4.0	10
102	Autosomal dominant cortical tremor, myoclonus, and epilepsy: is the origin in the cerebellum? Editorial. Cerebellum, 2013, 12, 145-146.	2.5	10
103	The cerebellum from the fetus to the elderly: history, advances, and future challenges. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 155, 407-413.	1.8	10
104	The in vivo reduction of afferent facilitation induced by low frequency electrical stimulation of the motor cortex is antagonized by cathodal direct current stimulation of the cerebellum. Cerebellum and Ataxias, 2016, 3, 15.	1.9	9
105	Endocrine disorders and the cerebellum: from neurodevelopmental injury to late-onset ataxia. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2018, 155, 353-368.	1.8	9
106	Consensus Paper: Ataxic Gait. Cerebellum, 2022, , 1.	2.5	9
107	Effects of levetiracetam on the production of nitric oxide. Journal of Neurology, 2005, 252, 727-730.	3.6	8
108	The Effects of Gadolinium-Based Contrast Agents on the Cerebellum: from Basic Research to Neurological Practice and from Pregnancy to Adulthood. Cerebellum, 2018, 17, 247-251.	2.5	8

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109	Optimizing Ocular Vestibular Evoked Myogenic Potentials With Narrow Band CE-Chirps. Ear and Hearing, 2021, 42, 1373-1380.	2.1	8
110	A New Myohaptic Device to Assess Wrist Function in the Lab and in the Clinic – The Wristalyzer. Lecture Notes in Computer Science, 2008, , 33-42.	1.3	7
111	Brain Imaging in Cerebellar Ataxia Associated with Autoimmune Polyglandular Syndrome Type 2. Journal of Neuroimaging, 2012, 22, 308-311.	2.0	7
112	The Era of Cerebellar Therapy. Current Neuropharmacology, 2018, 17, 3-6.	2.9	7
113	Pathophysiology of Cerebellar Tremor: The Forward Model-Related Tremor and the Inferior Olive Oscillation-Related Tremor. Frontiers in Neurology, 2021, 12, 694653.	2.4	7
114	Advances in the Pathogenesis of Auto-antibody-Induced Cerebellar Synaptopathies. Cerebellum, 2023, 22, 129-147.	2.5	7
115	Cerebellar long-term depression and auto-immune target of auto-antibodies: the concept of LTDpathies. Molecular Biomedicine, 2021, 2, 2.	4.4	6
116	Cerebellar decompensation following a stroke in contralateral posterior parietal cortex. Journal of the Neurological Sciences, 1999, 167, 117-120.	0.6	5
117	Unifying hypothesis for the motoneuronal code in neurological disorders. Bioscience Hypotheses, 2008, 1, 93-99.	0.2	5
118	Cerebellar Lingula Thickness as a Novel Risk Factor for Alcohol and Drug Abuse. Cerebellum, 2010, 9, 145-147.	2.5	5
119	The cornerstones of Cerebellum and Ataxias: from peer review to rapid visibility in a rising discipline. Cerebellum and Ataxias, $2014, 1, 1$.	1.9	5
120	Cerebellar disorders. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2016, 135, 479-491.	1.8	5
121	The Three Cornerstones of Cerebellar Ataxia: Closing the Loop of 200ÂYears of Cerebellar Research. Contemporary Clinical Neuroscience, 2021, , 459-478.	0.3	5
122	2 Years into the Pandemic: What Did We Learn About the COVID-19 and Cerebellum?. Cerebellum, 2022, 21, 19-22.	2.5	5
123	Essential tremor is a genuine cerebellar disorder and the cerebellar cortex is the culprit. International Review of Neurobiology, 2022, , .	2.0	5
124	Augmented visual feedback counteracts the effects of surface muscular functional electrical stimulation on physiological tremor. Journal of NeuroEngineering and Rehabilitation, 2013, 10, 100.	4.6	4
125	Editorial: Advances in Therapies of Cerebellar Disorders. CNS and Neurological Disorders - Drug Targets, 2018, 17, 157-160.	1.4	4
126	Autoimmune Ataxias. Contemporary Clinical Neuroscience, 2019, , 599-620.	0.3	4

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127	Using Narrow Band CE-Chirps to Elicit Cervical Vestibular Evoked Myogenic Potentials. Ear and Hearing, 2022, 43, 941-948.	2.1	4
128	Cerebellar Control of Speech and Song., 2013, , 1191-1199.		3
129	Cerebellum Tunes the Excitability of the Motor System: Evidence from Peripheral Motor Axons. Cerebellum, 2014, 13, 663-665.	2.5	3
130	Effects of Anti-NMDA Antibodies on Functional Recovery and Synaptic Rearrangement Following Hemicerebellectomy. NeuroMolecular Medicine, 2016, 18, 190-202.	3.4	2
131	The CAM test: a novel tool to quantify the decline in vertical upper limb pointing movements with ageing. Aging Clinical and Experimental Research, 2016, 28, 221-230.	2.9	2
132	Motor Control: CRF Regulates Coordination and Gait. Current Biology, 2017, 27, R847-R850.	3.9	2
133	Postnatal Neurogenesis Beyond Rodents: the Groundbreaking Research of Joseph Altman and Gopal Das. Cerebellum, 2021, , 1.	2.5	2
134	Cerebellotoxic Agents., 2013,, 2079-2117.		2
135	Pharmacotherapy of cerebellar and vestibular disorders. Current Opinion in Neurology, 2021, Publish Ahead of Print, .	3.6	2
136	The Clinical Concept of LTDpathy: Is Dysregulated LTD Responsible for Prodromal Cerebellar Symptoms?. Brain Sciences, 2022, 12, 303.	2.3	2
137	E. Boltshauser and J. Schmahmann (eds): a Top Companion for Paediatric Ataxiology. Cerebellum, 2012, 11, 820-820.	2.5	1
138	From Cerebellar Apoplexy in 1849 to Cerebellar Stroke in the 2020s: Robert Dunn's Contribution. Cerebellum, 2021, 20, 340-345.	2.5	1
139	Cerebellar disorders. , 0, , 361-374.		0
140	Associative Learning in the Cerebellum. , 2015, , 92-99.		0
141	Enhancing transcranial direct current stimulation via motor imagery and kinesthetic illusion: crossing internal and external tools. Journal of NeuroEngineering and Rehabilitation, 2016, 13, 50.	4.6	0
142	Cerebellum: from Fundamentals to Translational Approaches. The Seventh International Symposium of the Society for Research on the Cerebellum. Cerebellum, $2016, 15, 1-4$.	2.5	0
143	Cerebellar malformations in children: determining longâ€ŧerm neurological outcomes. Developmental Medicine and Child Neurology, 2019, 61, 289-290.	2.1	0
144	Exploring Subcellular Cerebellar Fractions with the Electron Microscope. Cerebellum, 2021, 20, 492-494.	2.5	0

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145	Immune Diseases. , 2021, , 1-25.		0
146	"A Great Reinforcing Organ― the Cerebellum According to Silas Weir Mitchell. Cerebellum, 2021, , 1.	2.5	0
147	Diagnostic différentiel des ataxies cérébelleuses. , 2013, , 91-98.		0
148	Genetics of Dominant Ataxias. , 2015, , 213-233.		0
149	Nothnagel Syndrome. Cerebellum, 0, , .	2.5	0