

Richard P Allen

List of Publications by Citations

Source: <https://exaly.com/author-pdf/59088/richard-p-allen-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

211
papers

19,642
citations

72
h-index

139
g-index

215
ext. papers

22,469
ext. citations

4
avg, IF

6.68
L-index

#	Paper	IF	Citations
211	Restless legs syndrome: diagnostic criteria, special considerations, and epidemiology. A report from the restless legs syndrome diagnosis and epidemiology workshop at the National Institutes of Health. <i>Sleep Medicine</i> , 2003 , 4, 101-19	4.6	2474
210	Validation of the International Restless Legs Syndrome Study Group rating scale for restless legs syndrome. <i>Sleep Medicine</i> , 2003 , 4, 121-32	4.6	1256
209	Restless legs syndrome prevalence and impact: REST general population study. <i>Archives of Internal Medicine</i> , 2005 , 165, 1286-92		839
208	Restless legs syndrome/Willis-Ekbom disease diagnostic criteria: updated International Restless Legs Syndrome Study Group (IRLSSG) consensus criteria--history, rationale, description, and significance. <i>Sleep Medicine</i> , 2014 , 15, 860-73	4.6	809
207	Toward a better definition of the restless legs syndrome. The International Restless Legs Syndrome Study Group. <i>Movement Disorders</i> , 1995 , 10, 634-42	7	745
206	Impact, diagnosis and treatment of restless legs syndrome (RLS) in a primary care population: the REST (RLS epidemiology, symptoms, and treatment) primary care study. <i>Sleep Medicine</i> , 2004 , 5, 237-46	4.6	500
205	Restless legs syndrome: a review of clinical and pathophysiologic features. <i>Journal of Clinical Neurophysiology</i> , 2001 , 18, 128-47	2.2	407
204	The official World Association of Sleep Medicine (WASM) standards for recording and scoring periodic leg movements in sleep (PLMS) and wakefulness (PLMW) developed in collaboration with a task force from the International Restless Legs Syndrome Study Group (IRLSSG). <i>Sleep Medicine</i> , 2006 , 7, 175-83	4.6	385
203	Augmentation of the restless legs syndrome with carbidopa/levodopa. <i>Sleep</i> , 1996 , 19, 205-13	1.1	369
202	Dopamine and iron in the pathophysiology of restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2004 , 5, 385-91	4.6	311
201	Restless legs syndrome: prevalence and impact in children and adolescents--the Peds REST study. <i>Pediatrics</i> , 2007 , 120, 253-66	7.4	306
200	An algorithm for the management of restless legs syndrome. <i>Mayo Clinic Proceedings</i> , 2004 , 79, 916-22	6.4	240
199	Altered dopaminergic profile in the putamen and substantia nigra in restless leg syndrome. <i>Brain</i> , 2009 , 132, 2403-12	11.2	236
198	An update on the dopaminergic treatment of restless legs syndrome and periodic limb movement disorder. <i>Sleep</i> , 2004 , 27, 560-83	1.1	233
197	Evaluating the quality of life of patients with restless legs syndrome. <i>Clinical Therapeutics</i> , 2004 , 26, 925-35	3.5	227
196	Iron and The Restless Legs Syndrome. <i>Sleep</i> , 1998 , 21, 381-387	1.1	221
195	Diagnostic standards for dopaminergic augmentation of restless legs syndrome: report from a World Association of Sleep Medicine-International Restless Legs Syndrome Study Group consensus conference at the Max Planck Institute. <i>Sleep Medicine</i> , 2007 , 8, 520-30	4.6	212

194	The long-term treatment of restless legs syndrome/Willis-Ekbom disease: evidence-based guidelines and clinical consensus best practice guidance: a report from the International Restless Legs Syndrome Study Group. <i>Sleep Medicine</i> , 2013 , 14, 675-84	4.6	210
193	The four diagnostic criteria for Restless Legs Syndrome are unable to exclude confounding conditions ("mimics"). <i>Sleep Medicine</i> , 2009 , 10, 976-81	4.6	208
192	Treatment of restless legs syndrome: an evidence-based review and implications for clinical practice. <i>Movement Disorders</i> , 2008 , 23, 2267-302	7	208
191	Altered brain iron homeostasis and dopaminergic function in Restless Legs Syndrome (Willis-Ekbom Disease). <i>Sleep Medicine</i> , 2014 , 15, 1288-301	4.6	200
190	Restless legs syndrome associated with major diseases: A systematic review and new concept. <i>Neurology</i> , 2016 , 86, 1336-1343	6.5	197
189	The role of iron in restless legs syndrome. <i>Movement Disorders</i> , 2007 , 22 Suppl 18, S440-8	7	197
188	Ropinirole decreases periodic leg movements and improves sleep parameters in patients with restless legs syndrome. <i>Sleep</i> , 2004 , 27, 907-14	1.1	192
187	MRI-determined regional brain iron concentrations in early- and late-onset restless legs syndrome. <i>Sleep Medicine</i> , 2006 , 7, 458-61	4.6	185
186	Defining the phenotype of the restless legs syndrome (RLS) using age-of-symptom-onset. <i>Sleep Medicine</i> , 2000 , 1, 11-19	4.6	184
185	Insight into the pathophysiology of restless legs syndrome. <i>Journal of Neuroscience Research</i> , 2000 , 62, 623-8	4.4	174
184	Profile of altered brain iron acquisition in restless legs syndrome. <i>Brain</i> , 2011 , 134, 959-68	11.2	173
183	Guidelines for the first-line treatment of restless legs syndrome/Willis-Ekbom disease, prevention and treatment of dopaminergic augmentation: a combined task force of the IRLSSG, EURLSSG, and the RLS-foundation. <i>Sleep Medicine</i> , 2016 , 21, 1-11	4.6	172
182	Pergolide and carbidopa/levodopa treatment of the restless legs syndrome and periodic leg movements in sleep in a consecutive series of patients. <i>Sleep</i> , 1996 , 19, 801-10	1.1	167
181	The treatment of restless legs syndrome with intravenous iron dextran. <i>Sleep Medicine</i> , 2004 , 5, 231-5	4.6	163
180	Restless legs syndrome symptoms in primary care: a prevalence study. <i>Archives of Internal Medicine</i> , 2003 , 163, 2323-9		155
179	Prevalence and disease burden of primary restless legs syndrome: results of a general population survey in the United States. <i>Movement Disorders</i> , 2011 , 26, 114-20	7	153
178	Physician-diagnosed restless legs syndrome in a large sample of primary medical care patients in western Europe: Prevalence and characteristics. <i>Sleep Medicine</i> , 2010 , 11, 31-7	4.6	152
177	Comparison of pregabalin with pramipexole for restless legs syndrome. <i>New England Journal of Medicine</i> , 2014 , 370, 621-31	59.2	149

176	The prevalence and impact of restless legs syndrome on patients with iron deficiency anemia. <i>American Journal of Hematology</i> , 2013 , 88, 261-4	7.1	142
175	Prolonged release oxycodone-naloxone for treatment of severe restless legs syndrome after failure of previous treatment: a double-blind, randomised, placebo-controlled trial with an open-label extension. <i>Lancet Neurology, The</i> , 2013 , 12, 1141-50	24.1	140
174	Validation of the self-completed Cambridge-Hopkins questionnaire (CH-RLSq) for ascertainment of restless legs syndrome (RLS) in a population survey. <i>Sleep Medicine</i> , 2009 , 10, 1097-100	4.6	139
173	Validation of the Johns Hopkins restless legs severity scale. <i>Sleep Medicine</i> , 2001 , 2, 239-242	4.6	137
172	Genome-wide association study identifies novel restless legs syndrome susceptibility loci on 2p14 and 16q12.1. <i>PLoS Genetics</i> , 2011 , 7, e1002171	6	135
171	Evidence-based and consensus clinical practice guidelines for the iron treatment of restless legs syndrome/Willis-Ekbom disease in adults and children: an IRLSSG task force report. <i>Sleep Medicine</i> , 2018 , 41, 27-44	4.6	131
170	Practice guideline summary: Treatment of restless legs syndrome in adults: Report of the Guideline Development, Dissemination, and Implementation Subcommittee of the American Academy of Neurology. <i>Neurology</i> , 2016 , 87, 2585-2593	6.5	129
169	A 10-year, longitudinal assessment of dopamine agonists and methadone in the treatment of restless legs syndrome. <i>Sleep Medicine</i> , 2011 , 12, 440-4	4.6	129
168	Identification of novel risk loci for restless legs syndrome in genome-wide association studies in individuals of European ancestry: a meta-analysis. <i>Lancet Neurology, The</i> , 2017 , 16, 898-907	24.1	121
167	Restless legs syndrome is associated with DSM-IV major depressive disorder and panic disorder in the community. <i>Journal of Neuropsychiatry and Clinical Neurosciences</i> , 2008 , 20, 101-5	2.7	121
166	Thalamic glutamate/glutamine in restless legs syndrome: increased and related to disturbed sleep. <i>Neurology</i> , 2013 , 80, 2028-34	6.5	117
165	Clinical efficacy and safety of IV ferric carboxymaltose (FCM) treatment of RLS: a multi-centred, placebo-controlled preliminary clinical trial. <i>Sleep Medicine</i> , 2011 , 12, 906-13	4.6	109
164	The dopamine transporter is decreased in the striatum of subjects with restless legs syndrome. <i>Sleep</i> , 2011 , 34, 341-7	1.1	109
163	A randomized, double-blind, placebo-controlled trial of intravenous iron sucrose in restless legs syndrome. <i>Sleep Medicine</i> , 2009 , 10, 206-11	4.6	101
162	Epidemiology of restless legs syndrome in Korean adults. <i>Sleep</i> , 2008 , 31, 219-23	1.1	101
161	Factor analysis of the International Restless Legs Syndrome Study Group® scale for restless legs severity. <i>Sleep Medicine</i> , 2003 , 4, 133-5	4.6	101
160	Treatment of restless legs syndrome: Evidence-based review and implications for clinical practice (Revised 2017). <i>Movement Disorders</i> , 2018 , 33, 1077-1091	7	100
159	Persistent effects of (+/-)3,4-methylenedioxymethamphetamine (MDMA, "ecstasy") on human sleep. <i>Sleep</i> , 1993 , 16, 560-4	1.1	96

158	Controversies and challenges in defining the etiology and pathophysiology of restless legs syndrome. <i>American Journal of Medicine</i> , 2007 , 120, S13-21	2.4	94
157	When gender matters: restless legs syndrome. Report of the "RLS and woman" workshop endorsed by the European RLS Study Group. <i>Sleep Medicine Reviews</i> , 2012 , 16, 297-307	10.2	93
156	Restless legs syndrome (RLS) augmentation associated with dopamine agonist and levodopa usage in a community sample. <i>Sleep Medicine</i> , 2011 , 12, 431-9	4.6	92
155	Repeated IV doses of iron provides effective supplemental treatment of restless legs syndrome. <i>Sleep Medicine</i> , 2005 , 6, 301-5	4.6	92
154	Restless Leg Syndrome/Willis-Ekbom Disease Pathophysiology. <i>Sleep Medicine Clinics</i> , 2015 , 10, 207-14, xi	3.6	91
153	Comorbidities, treatment, and pathophysiology in restless legs syndrome. <i>Lancet Neurology</i> , 2018 , 17, 994-1005	24.1	91
152	Ferritin levels in the cerebrospinal fluid and restless legs syndrome: effects of different clinical phenotypes. <i>Sleep</i> , 2005 , 28, 1069-75	1.1	90
151	Rotigotine improves restless legs syndrome: a 6-month randomized, double-blind, placebo-controlled trial in the United States. <i>Movement Disorders</i> , 2010 , 25, 1675-83	7	89
150	Validation of the Restless Legs Syndrome Quality of Life questionnaire. <i>Value in Health</i> , 2005 , 8, 157-67	3.3	89
149	Validation of the Hopkins telephone diagnostic interview for restless legs syndrome. <i>Sleep Medicine</i> , 2008 , 9, 283-9	4.6	86
148	Validation of the Augmentation Severity Rating Scale (ASRS): a multicentric, prospective study with levodopa on restless legs syndrome. <i>Sleep Medicine</i> , 2007 , 8, 455-63	4.6	86
147	Restless legs syndrome augmentation associated with tramadol. <i>Sleep Medicine</i> , 2006 , 7, 592-3	4.6	80
146	Pregnancy accounts for most of the gender difference in prevalence of familial RLS. <i>Sleep Medicine</i> , 2010 , 11, 310-3	4.6	76
145	Progressive development of augmentation during long-term treatment with levodopa in restless legs syndrome: results of a prospective multi-center study. <i>Journal of Neurology</i> , 2010 , 257, 230-7	5.5	76
144	The reliability, validity and responsiveness of the International Restless Legs Syndrome Study Group rating scale and subscales in a clinical-trial setting. <i>Sleep Medicine</i> , 2006 , 7, 340-9	4.6	76
143	Increased synaptic dopamine in the putamen in restless legs syndrome. <i>Sleep</i> , 2013 , 36, 51-7	1.1	75
142	Psychometric evaluation and tests of validity of the Medical Outcomes Study 12-item Sleep Scale (MOS sleep). <i>Sleep Medicine</i> , 2009 , 10, 531-9	4.6	74
141	MEIS1 intronic risk haplotype associated with restless legs syndrome affects its mRNA and protein expression levels. <i>Human Molecular Genetics</i> , 2009 , 18, 1065-74	5.6	73

140	A randomized, double-blind, 6-week, dose-ranging study of pregabalin in patients with restless legs syndrome. <i>Sleep Medicine</i> , 2010 , 11, 512-9	4.6	72
139	The Johns Hopkins telephone diagnostic interview for the restless legs syndrome: preliminary investigation for validation in a multi-center patient and control population. <i>Sleep Medicine</i> , 2003 , 4, 137-41	4.6	71
138	Abnormally increased CSF 3-Ortho-methyldopa (3-OMD) in untreated restless legs syndrome (RLS) patients indicates more severe disease and possibly abnormally increased dopamine synthesis. <i>Sleep Medicine</i> , 2009 , 10, 123-8	4.6	68
137	Augmentation as a treatment complication of restless legs syndrome: concept and management. <i>Movement Disorders</i> , 2007 , 22 Suppl 18, S476-84	7	67
136	Correlation between rating scales and sleep laboratory measurements in restless legs syndrome. <i>Sleep Medicine</i> , 2004 , 5, 561-5	4.6	66
135	Modeling the causal relationships between symptoms associated with restless legs syndrome and the patient-reported impact of RLS. <i>Sleep Medicine</i> , 2004 , 5, 485-8	4.6	65
134	Ferritin subunits in CSF are decreased in restless legs syndrome. <i>Translational Research</i> , 2006 , 147, 67-73		64
133	Iron and restless legs syndrome: treatment, genetics and pathophysiology. <i>Sleep Medicine</i> , 2017 , 31, 61-70	4.6	63
132	The dopaminergic neurons of the A11 system in RLS autopsy brains appear normal. <i>Sleep Medicine</i> , 2009 , 10, 1155-7	4.6	63
131	Is ferroportin-hepcidin signaling altered in restless legs syndrome?. <i>Journal of the Neurological Sciences</i> , 2006 , 247, 173-9	3.2	62
130	Postmortem and imaging based analyses reveal CNS decreased myelination in restless legs syndrome. <i>Sleep Medicine</i> , 2011 , 12, 614-9	4.6	60
129	Circadian changes in CSF dopaminergic measures in restless legs syndrome. <i>Sleep Medicine</i> , 2006 , 7, 263-86	4.6	58
128	Update in restless legs syndrome. <i>Current Opinion in Neurology</i> , 2010 , 23, 401-6	7.1	57
127	Thy1 expression in the brain is affected by iron and is decreased in Restless Legs Syndrome. <i>Journal of the Neurological Sciences</i> , 2004 , 220, 59-66	3.2	57
126	CSF dopamine, serotonin, and biopterin metabolites in patients with restless legs syndrome. <i>Movement Disorders</i> , 2001 , 16, 144-9	7	57
125	Mitochondrial ferritin in the substantia nigra in restless legs syndrome. <i>Journal of Neuropathology and Experimental Neurology</i> , 2009 , 68, 1193-9	3.1	55
124	Brain iron deficiency in idiopathic restless legs syndrome measured by quantitative magnetic susceptibility at 7 tesla. <i>Sleep Medicine</i> , 2016 , 22, 75-82	4.6	54
123	A further evaluation of the cognitive deficits associated with restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2008 , 9, 500-5	4.6	54

122	Systematic evaluation of augmentation during treatment with ropinirole in restless legs syndrome (Willis-Ekbom disease): results from a prospective, multicenter study over 66 weeks. <i>Movement Disorders</i> , 2012 , 27, 277-83	7	53
121	The reliability, validity and responsiveness of the Restless Legs Syndrome Quality of Life questionnaire (RLSQoL) in a trial population. <i>Health and Quality of Life Outcomes</i> , 2005 , 3, 79	3	53
120	New Insights into the Neurobiology of Restless Legs Syndrome. <i>Neuroscientist</i> , 2019 , 25, 113-125	7.6	52
119	Functional connectivity alternation of the thalamus in restless legs syndrome patients during the asymptomatic period: a resting-state connectivity study using functional magnetic resonance imaging. <i>Sleep Medicine</i> , 2014 , 15, 289-94	4.6	52
118	Pregabalin versus pramipexole: effects on sleep disturbance in restless legs syndrome. <i>Sleep</i> , 2014 , 37, 635-43	1.1	50
117	Lower molecular weight intravenous iron dextran for restless legs syndrome. <i>Sleep Medicine</i> , 2013 , 14, 274-7	4.6	45
116	Response to intravenous iron in patients with iron deficiency anemia (IDA) and restless leg syndrome (Willis-Ekbom disease). <i>Sleep Medicine</i> , 2014 , 15, 1473-6	4.6	42
115	Development of the Pediatric Restless Legs Syndrome Severity Scale (P-RLS-SS): a patient-reported outcome measure of pediatric RLS symptoms and impact. <i>Sleep Medicine</i> , 2010 , 11, 897-906	4.6	42
114	Predictors of health-related quality of life in sufferers with restless legs syndrome: a multi-national study. <i>Sleep Medicine</i> , 2007 , 8, 73-83	4.6	42
113	The effects of dietary iron deprivation on murine circadian sleep architecture. <i>Sleep Medicine</i> , 2006 , 7, 634-40	4.6	42
112	Pivotal Role of Adenosine Neurotransmission in Restless Legs Syndrome. <i>Frontiers in Neuroscience</i> , 2017 , 11, 722	5.1	39
111	Low brain iron effects and reversibility on striatal dopamine dynamics. <i>Experimental Neurology</i> , 2014 , 261, 462-8	5.7	38
110	Prevalence of restless legs syndrome and associated factors in an otherwise healthy population: results from the Danish Blood Donor Study. <i>Sleep Medicine</i> , 2017 , 36, 55-61	4.6	38
109	Clinical efficacy of ferric carboxymaltose treatment in patients with restless legs syndrome. <i>Sleep Medicine</i> , 2016 , 25, 16-23	4.6	38
108	Targeting hypersensitive corticostriatal terminals in restless legs syndrome. <i>Annals of Neurology</i> , 2017 , 82, 951-960	9.4	37
107	Evaluating daytime alertness in individuals with Restless Legs Syndrome (RLS) compared to sleep restricted controls. <i>Sleep Medicine</i> , 2009 , 10, 134-8	4.6	36
106	Assessment of restless legs syndrome--methodological approaches for use in practice and clinical trials. <i>Movement Disorders</i> , 2007 , 22 Suppl 18, S485-94	7	35
105	An item response analysis of the international restless legs syndrome study group rating scale for restless legs syndrome. <i>Sleep Medicine</i> , 2005 , 6, 131-9	4.6	35

104	Review of diagnostic instruments for the restless legs syndrome/Willis-Ekbom Disease (RLS/WED): critique and recommendations. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 1343-9	3.1	34
103	Altered iron metabolism in lymphocytes from subjects with restless legs syndrome. <i>Sleep</i> , 2008 , 31, 847-52		32
102	Improving RLS diagnosis and severity assessment: polysomnography, actigraphy and RLS-sleep log. <i>Sleep Medicine</i> , 2007 , 8 Suppl 2, S13-8	4.6	32
101	Adenosine receptors as markers of brain iron deficiency: Implications for Restless Legs Syndrome. <i>Neuropharmacology</i> , 2016 , 111, 160-168	5.5	31
100	Systems genetic analysis of the effects of iron deficiency in mouse brain. <i>Neurogenetics</i> , 2012 , 13, 147-53		30
99	Segregation analysis of restless legs syndrome: possible evidence for a major gene in a family study using blinded diagnoses. <i>Human Heredity</i> , 2006 , 62, 157-64	1.1	29
98	Gray matter alteration in patients with restless legs syndrome: a voxel-based morphometry study. <i>Clinical Imaging</i> , 2015 , 39, 20-5	2.7	28
97	Proteomic analysis of the cerebrospinal fluid of patients with restless legs syndrome/Willis-Ekbom disease. <i>Fluids and Barriers of the CNS</i> , 2013 , 10, 20	7	26
96	Assessing health-related quality of life in patients with restless legs syndrome in Korea: comparison with other chronic medical diseases. <i>Sleep Medicine</i> , 2012 , 13, 1158-63	4.6	26
95	Prevalence and clinical characteristics of patients with restless legs syndrome with painful symptoms. <i>Sleep Medicine</i> , 2015 , 16, 775-8	4.6	25
94	Animal models of RLS phenotypes. <i>Sleep Medicine</i> , 2017 , 31, 23-28	4.6	25
93	Efficacy without tolerance or rebound insomnia for midazolam and temazepam after use for one to three months. <i>Journal of Clinical Pharmacology</i> , 1987 , 27, 768-75	2.9	25
92	Review of Severity Rating Scales for Restless Legs Syndrome: Critique and Recommendations. <i>Movement Disorders Clinical Practice</i> , 2014 , 1, 317-324	2.2	23
91	Restless legs syndrome/Willis Ekbom disease: evaluation and treatment. <i>International Review of Psychiatry</i> , 2014 , 26, 248-62	3.6	22
90	Undiagnosed individuals with first-degree relatives with restless legs syndrome have increased periodic limb movements. <i>Sleep Medicine</i> , 2006 , 7, 480-5	4.6	22
89	High prevalence of restless legs syndrome/Willis Ekbom Disease (RLS/WED) among people living at high altitude in the Indian Himalaya. <i>Sleep Medicine</i> , 2017 , 35, 7-11	4.6	21
88	Diurnal variation of default mode network in patients with restless legs syndrome. <i>Sleep Medicine</i> , 2018 , 41, 1-8	4.6	21
87	Minimal clinically significant change for the International Restless Legs Syndrome Study Group rating scale in clinical trials is a score of 3. <i>Sleep Medicine</i> , 2013 , 14, 1229	4.6	21

86	Altered white matter integrity in primary restless legs syndrome patients: diffusion tensor imaging study. <i>Neurological Research</i> , 2014 , 36, 769-74	2.7	21
85	RLS and blood donation. <i>Sleep Medicine</i> , 2009 , 10, 844-9	4.6	21
84	Effects of rest-duration, time-of-day and their interaction on periodic leg movements while awake in restless legs syndrome. <i>Sleep Medicine</i> , 2005 , 6, 429-34	4.6	21
83	Augmentation of restless leg syndrome (Willis-Ekbom disease) during long-term dopaminergic treatment. <i>Postgraduate Medicine</i> , 2015 , 127, 716-25	3.7	20
82	Default mode network disturbances in restless legs syndrome/Willis-Ekbom disease. <i>Sleep Medicine</i> , 2016 , 23, 6-11	4.6	20
81	Review of quality of life instruments for the restless legs syndrome/Willis-Ekbom Disease (RLS/WED): critique and recommendations. <i>Journal of Clinical Sleep Medicine</i> , 2014 , 10, 1351-7	3.1	20
80	Prevalence and clinical characteristics of restless legs syndrome in diabetic peripheral neuropathy: comparison with chronic osteoarthritis. <i>Sleep Medicine</i> , 2013 , 14, 1387-92	4.6	20
79	Systems genetic analysis of multivariate response to iron deficiency in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2012 , 302, R1282-96	3.2	20
78	Snap-gauge compared to a full nocturnal penile tumescence study for evaluation of patients with erectile impotence. <i>Journal of Urology</i> , 1990 , 143, 51-4	2.5	20
77	Up-regulation of striatal adenosine A(2A) receptors with iron deficiency in rats: effects on locomotion and cortico-striatal neurotransmission. <i>Experimental Neurology</i> , 2010 , 224, 292-8	5.7	19
76	Relation of the International Restless Legs Syndrome Study Group rating scale with the Clinical Global Impression severity scale, the restless legs syndrome 6-item questionnaire, and the restless legs syndrome-quality of life questionnaire. <i>Sleep Medicine</i> , 2013 , 14, 1375-80	4.6	18
75	Restless legs syndrome and periodic leg movements in sleep. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2011 , 99, 913-48	3	18
74	Restless legs syndrome is associated with major comorbidities in a population of Danish blood donors. <i>Sleep Medicine</i> , 2018 , 45, 124-131	4.6	17
73	MATPLM1, A MATLAB script for scoring of periodic limb movements: preliminary validation with visual scoring. <i>Sleep Medicine</i> , 2015 , 16, 1541-9	4.6	16
72	Validation of the self-administered version of the international Restless Legs Syndrome study group severity rating scale - The sIRLS. <i>Sleep Medicine</i> , 2019 , 54, 94-100	4.6	16
71	Clinical efficacy of ropinirole for restless legs syndrome is not affected by age at symptom onset. <i>Sleep Medicine</i> , 2008 , 9, 899-902	4.6	13
70	Investigation into the correlation between sensation and leg movement in restless legs syndrome. <i>Movement Disorders</i> , 2005 , 20, 1097-103	7	13
69	Sleep, anxiety, and depression in abstinent and drinking alcoholics. <i>Substance Use and Misuse</i> , 1999 , 34, 347-61	2.2	13

68	Increased use-dependent plasticity in chronic insomnia. <i>Sleep</i> , 2014 , 37, 535-44	1.1	12
67	Efficacy of ferric carboxymaltose (FCM) 500mg dose for the treatment of Restless Legs Syndrome. <i>Sleep Medicine</i> , 2018 , 42, 7-12	4.6	12
66	Innovative Randomized Phase 1 Study and Dosing Regimen Selection to Accelerate and Inform Pivotal COVID-19 Trial of Nirmatrelvir.. <i>Clinical Pharmacology and Therapeutics</i> , 2022 ,	6.1	11
65	Effects of rotigotine on daytime symptoms in patients with primary restless legs syndrome: a randomized, placebo-controlled study. <i>Current Medical Research and Opinion</i> , 2016 , 32, 77-85	2.5	10
64	Comparison of Subjective Sleep Quality of Long-Term Residents at Low and High Altitudes: SARAHA Study. <i>Journal of Clinical Sleep Medicine</i> , 2018 , 14, 15-21	3.1	10
63	Depth and Distribution of Symptoms in Restless Legs Syndrome/ Willis-Ekbom Disease. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 1669-1680	3.1	9
62	Development and validation of a subjective post sleep diary (SPSD) to assess sleep status in subjects with restless legs syndrome. <i>Sleep Medicine</i> , 2011 , 12, 704-10	4.6	9
61	Co-registration of magnetic resonance spectroscopy and transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2015 , 242, 52-7	3	8
60	Diagnostic accuracy of behavioral, activity, ferritin, and clinical indicators of restless legs syndrome. <i>Sleep</i> , 2015 , 38, 371-80	1.1	8
59	A comparison of MRI tissue relaxometry and ROI methods used to determine regional brain iron concentrations in restless legs syndrome. <i>Medical Devices: Evidence and Research</i> , 2015 , 8, 341-50	1.5	8
58	Restless Legs Syndrome and Periodic Limb Movements during Sleep 2011 , 1026-1037		8
57	Socioeconomic factors influencing the rate of non-promotion in elementary schools. <i>Peabody Journal of Education</i> , 1977 , 54, 275-281	0.7	8
56	Moderate to severe but not mild RLS is associated with greater sleep-related sympathetic autonomic activation than healthy adults without RLS. <i>Sleep Medicine</i> , 2020 , 68, 89-95	4.6	8
55	Inter-movement interval as a primary stable measure of periodic limb movements of sleep. <i>Sleep Medicine</i> , 2016 , 17, 138-43	4.6	8
54	Iron-deficiency and dopaminergic treatment effects on RLS-Like behaviors of an animal model with the brain iron deficiency pattern of the restless legs syndrome. <i>Sleep Medicine</i> , 2020 , 71, 141-148	4.6	7
53	Connecting clinical aspects to corticomotor excitability in restless legs syndrome: a TMS study. <i>Sleep Medicine</i> , 2018 , 49, 105-112	4.6	7
52	Consensus diagnostic criteria for a newly defined pediatric sleep disorder: restless sleep disorder (RSD). <i>Sleep Medicine</i> , 2020 , 75, 335-340	4.6	7
51	Pharmacologic inhibition of ketohexokinase prevents fructose-induced metabolic dysfunction. <i>Molecular Metabolism</i> , 2021 , 48, 101196	8.8	7

50	Association Between Non-Iron-Deficient Anemia and Insomnia Symptoms in Community-Dwelling Older Adults: The Baltimore Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 380-385	6.4	6
49	Article reviewed: Mortality associated with sleep duration and insomnia. <i>Sleep Medicine</i> , 2002 , 3, 373-5	4.6	6
48	Locating and interviewing alcoholics 8 years after discharge from hospital. <i>Substance Use and Misuse</i> , 1988 , 23, 379-86		6
47	Extracellular vesicles reveal abnormalities in neuronal iron metabolism in restless legs syndrome. <i>Sleep</i> , 2019 , 42,	1.1	5
46	Motor Functions and Dysfunctions of Sleep 2009 , 397-435		5
45	Restless Legs Syndrome and Periodic Limb Movements During Sleep 2017 , 923-934.e6		5
44	A Prototype QSP Model of the Immune Response to SARS-CoV-2 for Community Development. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2021 , 10, 18-29	4.5	5
43	A novel sleep stage scoring system: Combining expert-based features with the generalized linear model. <i>Journal of Sleep Research</i> , 2020 , 29, e12991	5.8	4
42	Restless legs syndrome symptomatology, attitudes and beliefs among treated and untreated individuals. <i>Sleep Medicine</i> , 2012 , 13, 1226-31	4.6	4
41	Alcoholics' Attributions Concerning Abstinence and Returning to Drinking. <i>Alcoholism Treatment Quarterly</i> , 2004 , 22, 63-79	1.2	4
40	Resting-state connectivity and the effects of treatment in restless legs syndrome. <i>Sleep Medicine</i> , 2020 , 67, 33-38	4.6	4
39	Defining morphology of periodic leg movements in sleep: an evidence-based definition of a minimum window of sustained activity. <i>Sleep and Breathing</i> , 2016 , 20, 1293-1299	3.1	4
38	We need to do better: A systematic review and meta-analysis of diagnostic test accuracy of restless legs syndrome screening instruments. <i>Sleep Medicine Reviews</i> , 2021 , 58, 101461	10.2	4
37	Intervening Leg Movements Disrupt PLMS Sequences. <i>Sleep</i> , 2017 , 40,	1.1	3
36	Valid measures of periodic leg movements (PLMs) during a suggested immobilization test using the PAM-RL leg activity monitors require adjusting detection parameters for noise and signal in each recording. <i>Sleep Medicine</i> , 2014 , 15, 132-7	4.6	3
35	When, if ever, can we use REM-onset naps on the MSLT for the diagnosis of narcolepsy?. <i>Sleep Medicine</i> , 2006 , 7, 657-9	4.6	3
34	Does a modest loss of sleep affect neurocognitive functioning of children?. <i>Sleep Medicine</i> , 2003 , 4, 353-4.6	4.6	3
33	Akathisia and Restless Legs Syndrome: Solving the Dopaminergic Paradox. <i>Sleep Medicine Clinics</i> , 2021 , 16, 249-267	3.6	3

32	Evidence for communication of peripheral iron status to cerebrospinal fluid: clinical implications for therapeutic strategy. <i>Fluids and Barriers of the CNS</i> , 2020 , 17, 28	7	3
31	Nighttime Agitation in Persons with Dementia as a Manifestation of Restless Legs Syndrome. <i>Journal of the American Medical Directors Association</i> , 2021 , 22, 1410-1414	5.9	3
30	Patient characteristics predicting responses to intravenous ferric carboxymaltose treatment of restless legs syndrome. <i>Sleep Medicine</i> , 2020 , 75, 81-87	4.6	2
29	Assessment of change in restless legs syndrome symptoms during the acute drug-withdrawal period. <i>Sleep Medicine</i> , 2018 , 52, 80-87	4.6	2
28	Take afternoon naps to improve perceptual learning. <i>Sleep Medicine</i> , 2003 , 4, 589-90	4.6	2
27	Consensus Guidelines on Rodent Models of Restless Legs Syndrome. <i>Movement Disorders</i> , 2021 , 36, 558-569		2
26	Diagnosis of Restless Legs Syndrome 2009 , 99-110		2
25	0656 Validation of the Self-administered Version of the International Restless Legs Syndrome Study Group Severity Rating Scale - the sIRLS. <i>Sleep</i> , 2019 , 42, A261-A262	1.1	1
24	Development and Validation of RLS Diagnostic Questionnaire for Indian Population. <i>Sleep and Vigilance</i> , 2019 , 3, 39-48	1.4	1
23	Developing a behavioral model of Restless Legs Syndrome utilizing mice with natural variances in ventral midbrain iron. <i>Sleep Medicine</i> , 2020 , 71, 135-140	4.6	1
22	AlcoholicsEvaluations of Alcoholism Treatment. <i>Alcoholism Treatment Quarterly</i> , 2003 , 21, 1-18	1.2	1
21	Motor Control and Dyscontrol in Sleep 2017 , 713-757		1
20	Reply to: Safety of dopamine agonists for treating restless legs syndrome. <i>Movement Disorders</i> , 2019 , 34, 150-151	7	1
19	Pilot study: can machine learning analyses of movement discriminate between leg movements in sleep (LMS) with vs. without cortical arousals?. <i>Sleep and Breathing</i> , 2021 , 25, 373-379	3.1	1
18	Developing a biomarker for restless leg syndrome using genome wide DNA methylation data. <i>Sleep Medicine</i> , 2021 , 78, 120-127	4.6	1
17	Randomized, placebo-controlled trial of ferric carboxymaltose in restless legs syndrome patients with iron deficiency anemia. <i>Sleep Medicine</i> , 2021 , 84, 179-186	4.6	1
16	Clinical efficacy and safety of intravenous ferric carboxymaltose treatment of pediatric restless legs syndrome and periodic limb movement disorder. <i>Sleep Medicine</i> , 2021 , 87, 114-118	4.6	1
15	Insight into the pathophysiology of restless legs syndrome 2000 , 62, 623		1

14	Response to the letter "Characterization of the painful restless legs syndrome". <i>Sleep Medicine</i> , 2015 , 16, 1448	4.6	o
13	Restless legs syndrome (RLS) and periodic leg movements (PLM) 2001 , 213-228		o
12	A Quantitative Systems Pharmacology Perspective on the Importance of Parameter Identifiability.. <i>Bulletin of Mathematical Biology</i> , 2022 , 84, 39	2.1	o
11	The Safety and Efficacy of Pregabalin Add-on Therapy in Restless Legs Syndrome Patients.. <i>Frontiers in Neurology</i> , 2021 , 12, 786408	4.1	o
10	Evaluation and Management of RLS and PLMD 2017 , 759-786		
9	Reply to: A note on rotigotine for restless legs syndrome after renal transplantation. <i>Movement Disorders</i> , 2019 , 34, 152-153	7	
8	Response to "Characterization of the painful restless legs syndrome". <i>Sleep Medicine</i> , 2015 , 16, 898	4.6	
7	The Restless Legs Syndrome 2008 , 445-467		
6	Should we aggressively evaluate and treat sleepiness in the elderly?. <i>Sleep Medicine</i> , 2003 , 4, 477-8	4.6	
5	Altered expression of iron-management proteins in the brain microvasculature of Restless Legs Syndrome. <i>FASEB Journal</i> , 2008 , 22, 1191.5	0.9	
4	History of Restless Legs Syndrome, Recently Named WillisEkbom Disease 2015 , 249-254		
3	Association Between Anemia Subtypes and Insomnia Symptoms in Community-Dwelling Older Adults. <i>FASEB Journal</i> , 2015 , 29, 392.7	0.9	
2	Funciones y disfunciones motoras del sueo 2011 , 397-435		
1	Role of Striatal A2A Receptor Subpopulations in Neurological Disorders 2013 , 179-197		