

Richard P Allen

List of Publications by Year in Descending Order

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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	A Quantitative Systems Pharmacology Perspective on the Importance of Parameter Identifiability.. <i>Bulletin of Mathematical Biology</i> , 2022 , 84, 39	2.1	0
210	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
209	The Safety and Efficacy of Pregabalin Add-on Therapy in Restless Legs Syndrome Patients.. <i>Frontiers in Neurology</i> , 2021 , 12, 786408	4.1	0
208	Consensus Guidelines on Rodent Models of Restless Legs Syndrome. <i>Movement Disorders</i> , 2021 , 36, 558-569		2
207	Pharmacologic inhibition of ketohexokinase prevents fructose-induced metabolic dysfunction. <i>Molecular Metabolism</i> , 2021 , 48, 101196	8.8	7
206	Akathisia and Restless Legs Syndrome: Solving the Dopaminergic Paradox. <i>Sleep Medicine Clinics</i> , 2021 , 16, 249-267	3.6	3
205	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
204	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
203	Developing a biomarker for restless leg syndrome using genome wide DNA methylation data. <i>Sleep Medicine</i> , 2021 , 78, 120-127	4.6	1
202	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
201	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
200	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
199	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
198	Patient characteristics predicting responses to intravenous ferric carboxymaltose treatment of restless legs syndrome. <i>Sleep Medicine</i> , 2020 , 75, 81-87	4.6	2
197	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
196	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
195	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

194	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
193	Resting-state connectivity and the effects of treatment in restless legs syndrome. <i>Sleep Medicine</i> , 2020 , 67, 33-38	4.6	4
192	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
191	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
190	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
189	Development and Validation of RLS Diagnostic Questionnaire for Indian Population. <i>Sleep and Vigilance</i> , 2019 , 3, 39-48	1.4	1
188	Extracellular vesicles reveal abnormalities in neuronal iron metabolism in restless legs syndrome. <i>Sleep</i> , 2019 , 42,	1.1	5
187	Reply to: A note on rotigotine for restless legs syndrome after renal transplantation. <i>Movement Disorders</i> , 2019 , 34, 152-153	7	
186	New Insights into the Neurobiology of Restless Legs Syndrome. <i>Neuroscientist</i> , 2019 , 25, 113-125	7.6	52
185	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
184	Reply to: Safety of dopamine agonists for treating restless legs syndrome. <i>Movement Disorders</i> , 2019 , 34, 150-151	7	1
183	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
182	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
181	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
180	Diurnal variation of default mode network in patients with restless legs syndrome. <i>Sleep Medicine</i> , 2018 , 41, 1-8	4.6	21
179	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
178	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
177	Connecting clinical aspects to corticomotor excitability in restless legs syndrome: a TMS study. <i>Sleep Medicine</i> , 2018 , 49, 105-112	4.6	7

176	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
175	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
174	Comorbidities, treatment, and pathophysiology in restless legs syndrome. <i>Lancet Neurology, The</i> , 2018 , 17, 994-1005	24.1	91
173	Evaluation and Management of RLS and PLMD 2017 , 759-786		
172	High prevalence of restless legs syndrome/Willis Ekbohm Disease (RLS/WED) among people living at high altitude in the Indian Himalaya. <i>Sleep Medicine</i> , 2017 , 35, 7-11	4.6	21
171	Intervening Leg Movements Disrupt PLMS Sequences. <i>Sleep</i> , 2017 , 40,	1.1	3
170	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
169	Pivotal Role of Adenosine Neurotransmission in Restless Legs Syndrome. <i>Frontiers in Neuroscience</i> , 2017 , 11, 722	5.1	39
168	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
167	Animal models of RLS phenotypes. <i>Sleep Medicine</i> , 2017 , 31, 23-28	4.6	25
166	Iron and restless legs syndrome: treatment, genetics and pathophysiology. <i>Sleep Medicine</i> , 2017 , 31, 61-70	4.6	63
165	Targeting hypersensitive corticostriatal terminals in restless legs syndrome. <i>Annals of Neurology</i> , 2017 , 82, 951-960	9.4	37
164	Motor Control and Dyscontrol in Sleep 2017 , 713-757		1
163	Restless Legs Syndrome and Periodic Limb Movements During Sleep 2017 , 923-934.e6		5
162	Depth and Distribution of Symptoms in Restless Legs Syndrome/ Willis-Ekbohm Disease. <i>Journal of Clinical Sleep Medicine</i> , 2016 , 12, 1669-1680	3.1	9
161	Default mode network disturbances in restless legs syndrome/Willis-Ekbohm disease. <i>Sleep Medicine</i> , 2016 , 23, 6-11	4.6	20
160	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
159	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

158	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
157	Restless legs syndrome associated with major diseases: A systematic review and new concept. <i>Neurology</i> , 2016 , 86, 1336-1343	6.5	197
156	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
155	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
154	Adenosine receptors as markers of brain iron deficiency: Implications for Restless Legs Syndrome. <i>Neuropharmacology</i> , 2016 , 111, 160-168	5.5	31
153	Clinical efficacy of ferric carboxymaltose treatment in patients with restless legs syndrome. <i>Sleep Medicine</i> , 2016 , 25, 16-23	4.6	38
152	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
151	Co-registration of magnetic resonance spectroscopy and transcranial magnetic stimulation. <i>Journal of Neuroscience Methods</i> , 2015 , 242, 52-7	3	8
150	Response to "Characterization of the painful restless legs syndrome". <i>Sleep Medicine</i> , 2015 , 16, 898	4.6	
149	Restless Leg Syndrome/Willis-Ekbom Disease Pathophysiology. <i>Sleep Medicine Clinics</i> , 2015 , 10, 207-14, xi	3.6	91
148	Prevalence and clinical characteristics of patients with restless legs syndrome with painful symptoms. <i>Sleep Medicine</i> , 2015 , 16, 775-8	4.6	25
147	Augmentation of restless leg syndrome (Willis-Ekbom disease) during long-term dopaminergic treatment. <i>Postgraduate Medicine</i> , 2015 , 127, 716-25	3.7	20
146	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
145	Response to the letter "Characterization of the painful restless legs syndrome". <i>Sleep Medicine</i> , 2015 , 16, 1448	4.6	0
144	Diagnostic accuracy of behavioral, activity, ferritin, and clinical indicators of restless legs syndrome. <i>Sleep</i> , 2015 , 38, 371-80	1.1	8
143	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
142	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
141	History of Restless Legs Syndrome, Recently Named WillisEkbom Disease 2015 , 249-254		

140	Association Between Anemia Subtypes and Insomnia Symptoms in Community-Dwelling Older Adults. <i>FASEB Journal</i> , 2015 , 29, 392-7	0.9	
139	Comparison of pregabalin with pramipexole for restless legs syndrome. <i>New England Journal of Medicine</i> , 2014 , 370, 621-31	59.2	149
138	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
137	Low brain iron effects and reversibility on striatal dopamine dynamics. <i>Experimental Neurology</i> , 2014 , 261, 462-8	5.7	38
136	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
135	Restless legs syndrome/Willis Ekbom disease: evaluation and treatment. <i>International Review of Psychiatry</i> , 2014 , 26, 248-62	3.6	22
134	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
133	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
132	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
131	Pregabalin versus pramipexole: effects on sleep disturbance in restless legs syndrome. <i>Sleep</i> , 2014 , 37, 635-43	1.1	50
130	Increased use-dependent plasticity in chronic insomnia. <i>Sleep</i> , 2014 , 37, 535-44	1.1	12
129	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
128	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
127	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
126	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
125	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
124	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
123	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

122	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
121	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
120	Lower molecular weight intravenous iron dextran for restless legs syndrome. <i>Sleep Medicine</i> , 2013 , 14, 274-7	4.6	45
119	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
118	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
117	Thalamic glutamate/glutamine in restless legs syndrome: increased and related to disturbed sleep. <i>Neurology</i> , 2013 , 80, 2028-34	6.5	117
116	Increased synaptic dopamine in the putamen in restless legs syndrome. <i>Sleep</i> , 2013 , 36, 51-7	1.1	75
115	Role of Striatal A2A Receptor Subpopulations in Neurological Disorders 2013 , 179-197		
114	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
113	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
112	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
111	Restless legs syndrome symptomatology, attitudes and beliefs among treated and untreated individuals. <i>Sleep Medicine</i> , 2012 , 13, 1226-31	4.6	4
110	Systems genetic analysis of the effects of iron deficiency in mouse brain. <i>Neurogenetics</i> , 2012 , 13, 147-57		30
109	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
108	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
107	Postmortem and imaging based analyses reveal CNS decreased myelination in restless legs syndrome. <i>Sleep Medicine</i> , 2011 , 12, 614-9	4.6	60
106	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
105	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

104	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
103	Restless Legs Syndrome and Periodic Limb Movements during Sleep 2011 , 1026-1037		8
102	The dopamine transporter is decreased in the striatum of subjects with restless legs syndrome. <i>Sleep</i> , 2011 , 34, 341-7	1.1	109
101	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
100	Profile of altered brain iron acquisition in restless legs syndrome. <i>Brain</i> , 2011 , 134, 959-68	11.2	173
99	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
98	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
97	Funciones y disfunciones motoras del sueño 2011 , 397-435		
96	Update in restless legs syndrome. <i>Current Opinion in Neurology</i> , 2010 , 23, 401-6	7.1	57
95	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
94	Pregnancy accounts for most of the gender difference in prevalence of familial RLS. <i>Sleep Medicine</i> , 2010 , 11, 310-3	4.6	76
93	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
92	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
91	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
90	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
89	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
88	Altered dopaminergic profile in the putamen and substantia nigra in restless leg syndrome. <i>Brain</i> , 2009 , 132, 2403-12	11.2	236
87	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

86	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
85	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
84	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
83	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
82	RLS and blood donation. <i>Sleep Medicine</i> , 2009 , 10, 844-9	4.6	21
81	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
80	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
79	The dopaminergic neurons of the A11 system in RLS autopsy brains appear normal. <i>Sleep Medicine</i> , 2009 , 10, 1155-7	4.6	63
78	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
77	Motor Functions and Dysfunctions of Sleep 2009 , 397-435		5
76	Diagnosis of Restless Legs Syndrome 2009 , 99-110		2
75	Validation of the Hopkins telephone diagnostic interview for restless legs syndrome. <i>Sleep Medicine</i> , 2008 , 9, 283-9	4.6	86
74	A further evaluation of the cognitive deficits associated with restless legs syndrome (RLS). <i>Sleep Medicine</i> , 2008 , 9, 500-5	4.6	54
73	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
72	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
71	The Restless Legs Syndrome 2008 , 445-467		
70	Epidemiology of restless legs syndrome in Korean adults. <i>Sleep</i> , 2008 , 31, 219-23	1.1	101
69	Altered iron metabolism in lymphocytes from subjects with restless legs syndrome. <i>Sleep</i> , 2008 , 31, 847-52		32

68	Treatment of restless legs syndrome: an evidence-based review and implications for clinical practice. <i>Movement Disorders</i> , 2008 , 23, 2267-302	7	208
67	Altered expression of iron-management proteins in the brain microvasculature of Restless Legs Syndrome. <i>FASEB Journal</i> , 2008 , 22, 1191.5	0.9	
66	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
65	The role of iron in restless legs syndrome. <i>Movement Disorders</i> , 2007 , 22 Suppl 18, S440-8	7	197
64	Augmentation as a treatment complication of restless legs syndrome: concept and management. <i>Movement Disorders</i> , 2007 , 22 Suppl 18, S476-84	7	67
63	Restless legs syndrome: prevalence and impact in children and adolescents--the Peds REST study. <i>Pediatrics</i> , 2007 , 120, 253-66	7.4	306
62	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
61	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
60	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
59	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
58	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
57	Ferritin subunits in CSF are decreased in restless legs syndrome. <i>Translational Research</i> , 2006 , 147, 67-73		64
56	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
55	Is ferroportin-hepcidin signaling altered in restless legs syndrome?. <i>Journal of the Neurological Sciences</i> , 2006 , 247, 173-9	3.2	62
54	Circadian changes in CSF dopaminergic measures in restless legs syndrome. <i>Sleep Medicine</i> , 2006 , 7, 263-86	4.6	58
53	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
52	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
51	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

50	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
49	Restless legs syndrome augmentation associated with tramadol. <i>Sleep Medicine</i> , 2006 , 7, 592-3	4.6	80
48	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
47	The effects of dietary iron deprivation on murine circadian sleep architecture. <i>Sleep Medicine</i> , 2006 , 7, 634-40	4.6	42
46	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
45	Repeated IV doses of iron provides effective supplemental treatment of restless legs syndrome. <i>Sleep Medicine</i> , 2005 , 6, 301-5	4.6	92
44	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
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