

# Richard B Reilly

## List of Publications by Year in descending order

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Version: 2024-02-01

352  
papers

12,617  
citations

41258

49  
h-index

33814

99  
g-index

365  
all docs

365  
docs citations

365  
times ranked

12552  
citing authors

#	ARTICLE	IF	CITATIONS
1	Word finding, prosody and social cognition in multiple sclerosis. <i>Journal of Neuropsychology</i> , 2023, 17, 32-62.	0.6	3
2	New approach in programming sequentially implanted children: Towards balanced dynamic ranges (DR). <i>Cochlear Implants International</i> , 2022, 23, 203-213.	0.5	1
3	Neurophysiological correlates of dual tasking in people with Parkinson's disease and freezing of gait. <i>Experimental Brain Research</i> , 2021, 239, 175-187.	0.7	6
4	We Must Talk about Sex and Focal Dystonia. <i>Movement Disorders</i> , 2021, 36, 604-608.	2.2	9
5	Sustained attention to response task-related beta oscillations relate to performance and provide a functional biomarker in ALS. <i>Journal of Neural Engineering</i> , 2021, 18, 026006.	1.8	9
6	Cognitive and Structural Correlates of Conversational Speech Timing in Mild Cognitive Impairment and Mild-to-Moderate Alzheimer's Disease: Relevance for Early Detection Approaches. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 637404.	1.7	6
7	Dystonia Management: What to Expect From the Future? The Perspectives of Patients and Clinicians Within DystoniaNet Europe. <i>Frontiers in Neurology</i> , 2021, 12, 646841.	1.1	10
8	The development of visuotactile congruency effects for sequences of events. <i>Journal of Experimental Child Psychology</i> , 2021, 207, 105094.	0.7	0
9	Supine Hypertension Is Associated With an Impaired Cerebral Oxygenation Response to Orthostasis: Finding From The Irish Longitudinal Study on Ageing. <i>Hypertension</i> , 2021, 78, 210-219.	1.3	5
10	Postural stability is a valid and meaningful disability metric in progressive MS with potential for use in neuroprotective therapy trials. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 52, 102946.	0.9	4
11	NRXN1 $\pm$ is associated with increased excitability in ASD iPSC-derived neurons. <i>BMC Neuroscience</i> , 2021, 22, 56.	0.8	14
12	Envelope reconstruction of speech and music highlights stronger tracking of speech at low frequencies. <i>PLoS Computational Biology</i> , 2021, 17, e1009358.	1.5	28
13	Comparisons of disease cluster patterns, prevalence and health factors in the USA, Canada, England and Ireland. <i>BMC Public Health</i> , 2021, 21, 1674.	1.2	15
14	Adult onset dystonia: A disorder of the collicular-pulvinar-amygdala network. <i>Cortex</i> , 2021, 143, 282-289.	1.1	8
15	One-Dimensional Statistical Parametric Mapping Identifies Impaired Orthostatic Cerebrovascular and Cardiovascular Response in Frailty Index. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 885-892.	1.7	6
16	Network Physiology in Aging and Frailty: The Grand Challenge of Physiological Reserve in Older Adults. <i>Frontiers in Network Physiology</i> , 2021, 1, .	0.8	12
17	Transcutaneous spinal cord stimulation and motor responses in individuals with spinal cord injury: A methodological review. <i>PLoS ONE</i> , 2021, 16, e0260166.	1.1	25
18	Personalized Biofeedback on Inhaler Adherence and Technique by Community Pharmacists: A Cluster Randomized Clinical Trial. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 635-644.	2.0	38

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19	Age and sex differences in frontal lobe cerebral oxygenation in older adultsâ€”Normative values using novel, scalable technology: Findings from the Irish Longitudinal Study on Ageing (TILDA). Archives of Gerontology and Geriatrics, 2020, 87, 103988.	1.4	16
20	Multiscale entropy derived complexity index analysis demonstrates significant mediolateral sway in persons with multiple sclerosis compared to healthy controls. , 2020, 2020, 5176-5179.		2
21	Functional Analysis of Continuous, High-Resolution Measures in Aging Research: A Demonstration Using Cerebral Oxygenation Data From the Irish Longitudinal Study on Aging. Frontiers in Human Neuroscience, 2020, 14, 261.	1.0	4
22	Decreased Theta Power Reflects Disruption in Postural Control Networks of Fragile X Premutation Carriers*. , 2020, 2020, 2845-2848.		0
23	Peripheral Inflammation and Cognitive Performance in Middle-Aged Adults With and Without Type 2 Diabetes: Results From the ENBIND Study. Frontiers in Aging Neuroscience, 2020, 12, 605878.	1.7	21
24	Dualâ€”task gait and cognitive performance in midlife type 2 diabetes mellitus (T2DM): Baseline data from ENBIND. Alzheimer's and Dementia, 2020, 16, e042152.	0.4	0
25	Sequential bilateral implantation in older children: Interâ€”implant map differences and their effects on functional outcomes. Clinical Otolaryngology, 2020, 45, 459-465.	0.6	6
26	Slowed Luminance Reaction Times in Cervical Dystonia: Disordered Superior Colliculus Processing. Movement Disorders, 2020, 35, 877-880.	2.2	4
27	Normal Temporal Discrimination in Musician's Dystonia Is Linked to Aberrant Sensorimotor Processing. Movement Disorders, 2020, 35, 800-807.	2.2	15
28	Localization of Brain Networks Engaged by the Sustained Attention to Response Task Provides Quantitative Markers of Executive Impairment in Amyotrophic Lateral Sclerosis. Cerebral Cortex, 2020, 30, 4834-4846.	1.6	10
29	A Headset Method for Measuring the Visual Temporal Discrimination Threshold in Cervical Dystonia. Tremor and Other Hyperkinetic Movements, 2020, 4, 249.	1.1	2
30	Quantification of Neural Activity in FMR1 Premutation Carriers during a Dynamic Sway Task using Source Localization. , 2020, 2020, 2909-2912.		0
31	Current source density approaches improve spatial resolution in event related potential analysis in people with Parkinsonâ€™s disease. Clinical Neurophysiology, 2019, 130, 1998-1999.	0.7	1
32	Employing an entropy-based measure of sway to probe postural stability in Fragile X Premutation carriers*. , 2019, , .		0
33	Neural based assessment of mind wandering during a fatigueinducing motor task: Is task failure due to fatigue or distraction?. , 2019, , .		2
34	Complexity based measures of postural stability provide novel evidence of functional decline in fragile X premutation carriers. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 87.	2.4	14
35	Temporal discrimination threshold and blink reflex recovery cycle in cervical dystonia â€” two sides of the same coin?. Parkinsonism and Related Disorders, 2019, 68, 4-7.	1.1	5
36	85 Linking Diabetes and Dementia Risk: A Role for AÎ²-42 Induced Activation of the NLRP3 Inflammasome? Results from the ENBIND Study. Age and Ageing, 2019, 48, iii17-iii65.	0.7	0

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37	Investigation of multimorbidity and prevalent disease combinations in older Irish adults using network analysis and association rules. <i>Scientific Reports</i> , 2019, 9, 14567.	1.6	63
38	Cochlear implant artefact reduction in electroencephalography data obtained with the auditory oddball paradigm and stimuli with differing envelopes *. , 2019, , .		2
39	84 Does Dual-Task Gait Speed Predict Cognitive Performance in Midlife Type 2 Diabetes? Baseline Results from the ENBIND Study. <i>Age and Ageing</i> , 2019, 48, iii1-iii16.	0.7	0
40	Neural Correlates of Abnormal Temporal Discrimination in Unaffected Relatives of Cervical Dystonia Patients. <i>Frontiers in Integrative Neuroscience</i> , 2019, 13, 8.	1.0	3
41	Estimating Inspiratory Flow Rate and Volume of Inhalation in the Ellipta Using Audio-Based Methods. , 2019, , .		0
42	Cortical Theta Activity and Postural Control in Non-Visual and High Cognitive Load Tasks: Impact for Clinical Studies. , 2019, 2019, 1539-1542.		3
43	A Study of the Midbrain Network for Covert Attentional Orienting in Cervical Dystonia Patients using Dynamic Causal Modelling. , 2019, 2019, 3519-3522.		3
44	Automatic Audio-Based Classification of Patient Inhaler Use: A Pharmacy Based Study. , 2019, 2019, 2606-2609.		2
45	Characterizing Brain Network Topology in Cervical Dystonia Patients and Unaffected Relatives via Graph Theory. , 2019, 2019, 1694-1697.		0
46	Automatic Disability Categorisation based on ADLs among Older Adults in a Nationally Representative Population using Data Mining Methods. , 2019, 2019, 2466-2469.		1
47	Clinical utility of portable electrophysiology to measure fatigue in treatment-naïve non-small cell lung cancer. <i>Supportive Care in Cancer</i> , 2019, 27, 2617-2623.	1.0	2
48	Extrafield Activity Shifts the Place Field Center of Mass to Encode Aversive Experience. <i>ENeuro</i> , 2019, 6, ENEURO.0423-17.2019.	0.9	10
49	Revision cochlear implantation: The Irish experience. <i>Cochlear Implants International</i> , 2019, 20, 281-287.	0.5	6
50	Measurement & Analysis of the Temporal Discrimination Threshold Applied to Cervical Dystonia. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	2
51	Objective Assessment of Patient Inhaler User Technique Using an Audio-Based Classification Approach. <i>Scientific Reports</i> , 2018, 8, 2164.	1.6	25
52	Machine Learning EEG to Predict Cognitive Functioning and Processing Speed Over a 2-Year Period in Multiple Sclerosis Patients and Controls. <i>Brain Topography</i> , 2018, 31, 346-363.	0.8	29
53	The Clinical Impact of Different Adherence Behaviors in Patients with Severe Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1630-1633.	2.5	36
54	A randomised clinical trial of feedback on inhaler adherence and technique in patients with severe uncontrolled asthma. <i>European Respiratory Journal</i> , 2018, 51, 1701126.	3.1	147

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55	The usefulness integrity testing in children: A single institution experience of 86 tests over a period of 20 years. <i>Clinical Otolaryngology</i> , 2018, 43, 1159-1163.	0.6	1
56	Advances in Audio-Based Systems to Monitor Patient Adherence and Inhaler Drug Delivery. <i>Chest</i> , 2018, 153, 710-722.	0.4	38
57	Baseline Association of Motoric Cognitive Risk Syndrome With Sustained Attention, Memory, and Global Cognition. <i>Journal of the American Medical Directors Association</i> , 2018, 19, 53-58.	1.2	34
58	Depth matters - Towards finding an objective neurophysiological measure of behavioral amplitude modulation detection based on neural threshold determination. <i>Hearing Research</i> , 2018, 359, 13-22.	0.9	2
59	The premotor syndrome of cervical dystonia: Disordered processing of salient environmental stimuli. <i>Movement Disorders</i> , 2018, 33, 232-237.	2.2	13
60	Refined Multiscale Fuzzy Entropy to Analyse Post-Exercise Cardiovascular Response in Older Adults With Orthostatic Intolerance. <i>Entropy</i> , 2018, 20, 860.	1.1	8
61	11 Gait and Cognition in the Clinic – A Pilot Study of Patients with Type 2 Diabetes Mellitus. <i>Age and Ageing</i> , 2018, 47, v13-v60.	0.7	0
62	Clinical and genetic Rett syndrome variants are defined by stable electrophysiological profiles. <i>BMC Pediatrics</i> , 2018, 18, 333.	0.7	15
63	Machine learning: a useful radiological adjunct in determination of a newly diagnosed glioma's grade and IDH status. <i>Journal of Neuro-Oncology</i> , 2018, 139, 491-499.	1.4	30
64	The pathophysiology of cancer-related fatigue: current controversies. <i>Supportive Care in Cancer</i> , 2018, 26, 3353-3364.	1.0	109
65	Personalising adherence-enhancing interventions using a smart inhaler in patients with COPD: an exploratory cost-effectiveness analysis. <i>Npj Primary Care Respiratory Medicine</i> , 2018, 28, 24.	1.1	30
66	Estimation of inhalation flow profile using audio-based methods to assess inhaler medication adherence. <i>PLoS ONE</i> , 2018, 13, e0191330.	1.1	16
67	Intensive care emergencies in cardiothoracic surgery: An integrated patient safety bundle. <i>Australian Critical Care</i> , 2018, 31, 130-131.	0.6	0
68	Changes in Speech Chunking in Reading Aloud is a Marker of Mild Cognitive Impairment and Mild-to-Moderate Alzheimer's Disease. <i>Current Alzheimer Research</i> , 2018, 15, 828-847.	0.7	21
69	Reduced Frequency of Ipsilateral Express Saccades in Cervical Dystonia: Probing the Nigro-Tectal Pathway. <i>Tremor and Other Hyperkinetic Movements</i> , 2018, 8, 592.	1.1	3
70	In patients with severe uncontrolled asthma, does knowledge of adherence and inhaler technique using electronic monitoring improve clinical decision making? A protocol for a randomised controlled trial. <i>BMJ Open</i> , 2017, 7, e015367.	0.8	21
71	The INCA <sup>TM</sup> (Inhaler Compliance Assessment <sup>TM</sup> ): A comparison with established measures of adherence. <i>Psychology and Health</i> , 2017, 32, 1266-1287.	1.2	30
72	The Impact of Common Inhaler Errors on Drug Delivery: Investigating Critical Errors with a Dry Powder Inhaler. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2017, 30, 247-255.	0.7	24

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73	Motor preparation rather than decision-making differentiates Parkinson's disease patients with and without freezing of gait. <i>Clinical Neurophysiology</i> , 2017, 128, 463-471.	0.7	19
74	Virtual reality sound localization testing in cochlear implant users. , 2017, , .		7
75	A comparison of stimulus presentation methods in temporal discrimination testing. <i>Physiological Measurement</i> , 2017, 38, N57-N64.	1.2	6
76	Disrupted superior collicular activity may reveal cervical dystonia disease pathomechanisms. <i>Scientific Reports</i> , 2017, 7, 16753.	1.6	22
77	Practice does not make perfect: Temporal discrimination in musicians with and without dystonia. <i>Movement Disorders</i> , 2017, 32, 1791-1792.	2.2	6
78	Objective Assessment of Adherence to Inhalers by Patients with Chronic Obstructive Pulmonary Disease. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1333-1343.	2.5	162
79	[P233]: PROSODIC CHUNKING IN OUTLOUD READING: A WINDOW INTO COGNITIVE FUNCTION IN MILD TO MODERATE ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2017, 13, P699.	0.4	0
80	Menstrual cycle and the temporal discrimination threshold. <i>Physiological Measurement</i> , 2017, 38, N65-N72.	1.2	2
81	234 Midlife Gait Abnormalities in People with Type 2 Diabetes Data from TILDA. <i>Age and Ageing</i> , 2017, 46, iii13-iii59.	0.7	0
82	236 Processing Speed is Associated with Multiple Independent Domains of Gait under Different Conditions. <i>Age and Ageing</i> , 2017, 46, iii1-iii12.	0.7	0
83	Temporal Discrimination: Mechanisms and Relevance to Adult-Onset Dystonia. <i>Frontiers in Neurology</i> , 2017, 8, 625.	1.1	46
84	Place field assembly distribution encodes preferred locations. <i>PLoS Biology</i> , 2017, 15, e2002365.	2.6	51
85	PO089... Disrupted superior collicular activity may reveal cervical dystonia disease pathomechanisms. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, A35.1-A35.	0.9	0
86	Measuring Tissue Compression: A Circuit for Sensing and Signal Conditioning. <i>Lecture Notes in Electrical Engineering</i> , 2017, , 101-107.	0.3	0
87	Neural Differences between Covert and Overt Attention Studied using EEG with Simultaneous Remote Eye Tracking. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 592.	1.0	51
88	Exploring the unknown: electrophysiological and behavioural measures of visuospatial learning. <i>European Journal of Neuroscience</i> , 2016, 43, 1128-1136.	1.2	1
89	Predicting asthma exacerbations employing remotely monitored adherence. <i>Healthcare Technology Letters</i> , 2016, 3, 51-55.	1.9	12
90	P220... Determinants of inhaler adherence in a copd population. <i>Thorax</i> , 2016, 71, A205.2-A206.	2.7	0

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91	Characterization of patient inhaler inhalation sounds using non-contact and tracheal microphones. Biomedical Physics and Engineering Express, 2016, 2, 055021.	0.6	4
92	Changes in inhaler inhalation acoustic features during induced bronchoconstriction: A pilot study. , 2016, 2016, 3749-3752.		3
93	A protocol for a randomised clinical trial of the effect of providing feedback on inhaler technique and adherence from an electronic device in patients with poorly controlled severe asthma. BMJ Open, 2016, 6, e009350.	0.8	17
94	Multiscale Entropy Analysis of Heart Rate Regularity Changes in Older People with Orthostatic Intolerance. IFMBE Proceedings, 2016, , 62-66.	0.2	4
95	Irregular and Ineffective: A Quantitative Observational Study of the Time and Technique of Inhaler Use. Journal of Allergy and Clinical Immunology: in Practice, 2016, 4, 900-909.e2.	2.0	53
96	Application of virtual reality head mounted display for investigation of movement: a novel effect of orientation of attention. Journal of Neural Engineering, 2016, 13, 056006.	1.8	10
97	Multiscale time irreversibility to predict orthostatic intolerance in older people. , 2016, , .		2
98	179CHARACTERIZATION OF MOTORIC COGNITIVE RISK SYNDROME FROM A NATIONALLY REPRESENTATIVE SAMPLE. Age and Ageing, 2016, 45, ii1.33-ii12.	0.7	0
99	A Method to Calculate Adherence to Inhaled Therapy that Reflects the Changes in Clinical Features of Asthma. Annals of the American Thoracic Society, 2016, 13, 1894-1903.	1.5	43
100	COMPARING STIMULUS-PRESENTATION METHODS IN TEMPORAL DISCRIMINATION TESTING. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, e1.11-e1.	0.9	0
101	P208â€¦Behavioural feed-back education intervention to enhance adherence in patients with severe uncontrolled asthma, a randomised clinical trial. Thorax, 2016, 71, A198.1-A198.	2.7	1
102	The effect of providing feedback on inhaler technique and adherence from an electronic audio recording device, INCAÂ®, in a community pharmacy setting: study protocol for a randomised controlled trial. Trials, 2016, 17, 226.	0.7	19
103	Neural correlates of abnormal sensory discrimination in laryngeal dystonia. NeuroImage: Clinical, 2016, 10, 18-26.	1.4	43
104	Sun exposure is an environmental factor for the development of blepharospasm. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 420-424.	0.9	20
105	Monitoring Inhaler Inhalations Using an Acoustic Sensor Proximal to Inhaler Devices. Journal of Aerosol Medicine and Pulmonary Drug Delivery, 2016, 29, 439-446.	0.7	15
106	Delayed P100-Like Latencies in Multiple Sclerosis: A Preliminary Investigation Using Visual Evoked Spread Spectrum Analysis. PLoS ONE, 2016, 11, e0146084.	1.1	13
107	Audiovisual Processing is Abnormal in Parkinsonâ€™s Disease and Correlates with Freezing of Gait and Disease Duration. Journal of Parkinson's Disease, 2015, 5, 925-936.	1.5	15
108	Autism Spectrum Disorder (ASD) and Fragile X Syndrome (FXS): Two Overlapping Disorders Reviewed through Electroencephalographyâ€”What Can be Interpreted from the Available Information?. Brain Sciences, 2015, 5, 92-117.	1.1	26

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109	Medial septum regulates the hippocampal spatial representation. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 166.	1.0	55
110	Young Women do it Better: Sexual Dimorphism in Temporal Discrimination. <i>Frontiers in Neurology</i> , 2015, 6, 160.	1.1	13
111	Age-Related Sexual Dimorphism in Temporal Discrimination and in Adult-Onset Dystonia Suggests GABAergic Mechanisms. <i>Frontiers in Neurology</i> , 2015, 6, 258.	1.1	18
112	INVESTIGATION OF MOTOR LEARNING IN PARKINSON'S DISEASE USING AN ACTION ACQUISITION TASK. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, e4.85-e4.	0.9	0
113	Heart Rate Regularity Changes in Older People with Orthostatic Intolerance. <i>Lecture Notes in Computer Science</i> , 2015, , 337-346.	1.0	3
114	Regularity changes with age in hemodynamic profiles during passive and active stands. , 2015, , .		0
115	An approach to develop an objective measure of temporal processing in cochlear implant users based on Schroeder-phase harmonic complexes. , 2015, , .		0
116	Influences of gender and anthropometric features on inspiratory inhaler acoustics and peak inspiratory flow rate. , 2015, 2015, 2227-30.		6
117	Improved decoding of attentional selection in a cocktail party environment with EEG via automatic selection of relevant independent components. , 2015, 2015, 5740-3.		3
118	Remote laboratory networks behavior in the light of the self-organization processes. , 2015, , .		2
119	An evaluation of the role of environmental factors in the disease penetrance of cervical dystonia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 331-335.	0.9	21
120	Non-parametric bootstrapping method for measuring the temporal discrimination threshold for movement disorders. <i>Journal of Neural Engineering</i> , 2015, 12, 046026.	1.8	5
121	Dual Motor-Cognitive Virtual Reality Training Impacts Dual-Task Performance in Freezing of Gait. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2015, 19, 1855-1861.	3.9	62
122	Electrophysiological correlates of spectral discrimination for cochlear implant users. , 2015, , .		1
123	The impact of dual tasking on cognitive performance in a Parkinson's disease cohort with and without freezing of gait: An EEG and behavioral based approach. , 2015, , .		7
124	Signal Propagation in the Human Visual Pathways: An Effective Connectivity Analysis. <i>Journal of Neuroscience</i> , 2015, 35, 13501-13510.	1.7	13
125	An Acoustic-Based Method to Detect and Quantify the Effect of Exhalation into a Dry Powder Inhaler. <i>Journal of Aerosol Medicine and Pulmonary Drug Delivery</i> , 2015, 28, 247-253.	0.7	26
126	Decellularized grafts with axially aligned channels for peripheral nerve regeneration. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2015, 41, 124-135.	1.5	54

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127	A new clinically relevant method of calculating adherence. , 2015, , .		2
128	Objective Assessment of Spectral Ripple Discrimination in Cochlear Implant Listeners Using Cortical Evoked Responses to an Oddball Paradigm. PLoS ONE, 2014, 9, e90044.	1.1	13
129	Reliability and validity of the Automatic Cognitive Assessment Delivery (ACAD). Frontiers in Aging Neuroscience, 2014, 6, 34.	1.7	11
130	Relative Association of Processing Speed, Short-Term Memory and Sustained Attention With Task on Gait Speed: A Study of Community-Dwelling People 50 Years and Older. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2014, 69, 1407-1414.	1.7	49
131	The irregular firing properties of thalamic head direction cells mediate turn-specific modulation of the directional tuning curve. Journal of Neurophysiology, 2014, 112, 2316-2331.	0.9	8
132	Acoustic Analysis of Inhaler Sounds From Community-Dwelling Asthmatic Patients for Automatic Assessment of Adherence. IEEE Journal of Translational Engineering in Health and Medicine, 2014, 2, 1-10.	2.2	46
133	Towards a gaze-independent hybrid-BCI based on SSVEPs, alpha-band modulations and the P300. , 2014, 2014, 1322-5.		1
134	Temporal discrimination, a cervical dystonia endophenotype: Penetrance and functional correlates. Movement Disorders, 2014, 29, 804-811.	2.2	70
135	An acoustic method to automatically detect pressurized metered dose inhaler actuations. , 2014, 2014, 4611-4.		13
136	Decoding of attentional selection in a cocktail party environment from single-trial EEG is robust to task. , 2014, 2014, 1318-21.		6
137	Electrophysiological and behavioral measures of visuo-motor learning for application in movement disorders. , 2014, 2014, 3533-6.		0
138	Endogenous auditory frequency-based attention modulates electroencephalogram-based measures of obligatory sensory activity in humans. NeuroReport, 2014, 25, 219-225.	0.6	3
139	Cervical Dystonia: A Disorder of the Midbrain Network for Covert Attentional Orienting. Frontiers in Neurology, 2014, 5, 54.	1.1	42
140	MTHFR677TT genotype and disease risk: is there a modulating role for B-vitamins?. Proceedings of the Nutrition Society, 2014, 73, 47-56.	0.4	31
141	Effects of MIR137 on fronto-amygdala functional connectivity. NeuroImage, 2014, 90, 189-195.	2.1	42
142	Respiratory cycle entrainment of septal neurons mediates the fast coupling of sniffing rate and hippocampal theta rhythm. European Journal of Neuroscience, 2014, 39, 957-974.	1.2	44
143	The Acoustic Features of Inhalation can be Used to Quantify Aerosol Delivery from a Diskus®, a Dry Powder Inhaler. Pharmaceutical Research, 2014, 31, 2735-2747.	1.7	43
144	Altered medial prefrontal activity during dynamic face processing in schizophrenia spectrum patients. Schizophrenia Research, 2014, 157, 225-230.	1.1	30

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145	A Method to Assess Adherence in Inhaler Use through Analysis of Acoustic Recordings of Inhaler Events. PLoS ONE, 2014, 9, e98701.	1.1	63
146	A headset method for measuring the visual temporal discrimination threshold in cervical dystonia. Tremor and Other Hyperkinetic Movements, 2014, 4, 249.	1.1	3
147	Design and assessment of an adherence monitoring device for inhalers. Clinical and Translational Allergy, 2013, 3, P9.	1.4	0
148	Cochlear implant artifact attenuation in late auditory evoked potentials: A single channel approach. Hearing Research, 2013, 302, 84-95.	0.9	53
149	Science versus design; comparable, contrastive or conducive?. Journal of the Mechanical Behavior of Biomedical Materials, 2013, 21, 195-201.	1.5	6
150	The vegetative and minimally conscious states: a review of the literature and preliminary survey of prevalence in Ireland. Irish Journal of Medical Science, 2013, 182, 7-15.	0.8	5
151	The endophenotype and the phenotype: Temporal discrimination and adult-onset dystonia. Movement Disorders, 2013, 28, 1766-1774.	2.2	63
152	Rate and onset cues can improve cochlear implant synthetic vowel recognition in noise. Journal of the Acoustical Society of America, 2013, 133, 1546-1560.	0.5	3
153	A study into the automation of cognitive assessment tasks for delivery via the telephone: Lessons for developing remote monitoring applications for the elderly. Technology and Health Care, 2013, 21, 387-396.	0.5	9
154	READING BETWEEN THE LINES: A CASE SERIES IN PRIMARY READING EPILEPSY. Journal of Neurology, Neurosurgery and Psychiatry, 2013, 84, e2.149-e2.	0.9	1
155	Symptom overlap in anxiety and multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 1349-1354.	1.4	18
156	A method of estimating inspiratory flow rate and volume from an inhaler using acoustic measurements. Physiological Measurement, 2013, 34, 903-914.	1.2	96
157	An acoustic method of automatically evaluating patient inhaler technique. , 2013, 2013, 1322-5.		9
158	Measurement of attention during movement: Acquisition of ambulatory EEG and cognitive performance from healthy young adults. , 2013, 2013, 6397-400.		13
159	Using acoustics to estimate inspiratory flow rate and drug removed from a dry powder inhaler. , 2013, 2013, 6866-9.		3
160	Auditory mismatch negativity in cochlear implant users: A window to spectral discrimination. , 2013, 2013, 3555-8.		4
161	Variance between walking speed and neuropsychological test scores during three gait tasks across the irish longitudinal study on aging (TILDA) dataset. , 2013, 2013, 6921-4.		5
162	P225â€¦Inhaler use and misuse on the wards of Hospital. Thorax, 2013, 68, A178.1-A178.	2.7	0

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163	Hippocampal Dynamics Predict Interindividual Cognitive Differences in Rats. <i>Journal of Neuroscience</i> , 2012, 32, 3540-3551.	1.7	39
164	Automatic identification and accurate temporal detection of inhalations in asthma inhaler recordings. , 2012, 2012, 2595-8.		16
165	122â€¦Functional correlates of abnormal temporal discrimination in adult onset primary torsion dystonia patients and first-degree relatives. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, e1.73-e1.	0.9	0
166	Dynamic minimum pause threshold estimation for speech analysis in studies of cognitive function in ageing. , 2012, 2012, 3700-3.		3
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