## Christopher M Ryan

List of Publications by Year in descending order

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		34076	38368
133	9,636	52	95
papers	citations	h-index	g-index
138	138	138	9211
all docs	docs citations	times ranked	citing authors

#	Article	IF	CITATIONS
1	Diabetes and cognitive dysfunction. Lancet, The, 2012, 379, 2291-2299.	6.3	722
2	Long-Term Effect of Diabetes and Its Treatment on Cognitive Function. New England Journal of Medicine, 2007, 356, 1842-1852.	13.9	579
3	Cognition and diabetes: a lifespan perspective. Lancet Neurology, The, 2008, 7, 184-190.	4.9	557
4	A hindi version of the MMSE: The development of a cognitive screening instrument for a largely illiterate rural elderly population in india. International Journal of Geriatric Psychiatry, 1995, 10, 367-377.	1.3	342
5	Effects of lovastatin on cognitive function and psychological well-beingâ^—â^—Access the "Journal Club― discussion of this paper at http://www.elsevier.com/locate/ajmselect/. American Journal of Medicine, 2000, 108, 538-546.	0.6	279
6	Cognitive impairment associated with adjuvant therapy in breast cancer. Psycho-Oncology, 2006, 15, 422-430.	1.0	277
7	Effects of Type 1 Diabetes on Gray Matter Density as Measured by Voxel-Based Morphometry. Diabetes, 2006, 55, 326-333.	0.3	275
8	Improving Metabolic Control Leads to Better Working Memory in Adults With Type 2 Diabetes. Diabetes Care, 2006, 29, 345-351.	4.3	253
9	Prenatal alcohol and marijuana exposure Effects on neuropsychological outcomes at 10 years. Neurotoxicology and Teratology, 2002, 24, 309-320.	1.2	226
10	Randomized trial of the effects of simvastatin on cognitive functioning in hypercholesterolemic adults. American Journal of Medicine, 2004, 117, 823-829.	0.6	216
11	Neuropsychological correlates of hypertension: Review and methodologic considerations Psychological Bulletin, 1991, 110, 451-468.	5.5	211
12	The impact of cognitive function on medication management: Three studies Health Psychology, 2010, 29, 50-55.	1.3	206
13	Learning and Memory Impairments in Young and Old Alcoholics: Evidence for the Premature-Aging Hypothesis. Alcoholism: Clinical and Experimental Research, 1980, 4, 288-293.	1.4	199
14	Psychological and cognitive function: Predictors of adherence with cholesterol lowering treatment. Annals of Behavioral Medicine, 2004, 27, 117-124.	1.7	186
15	Why is learning and memory dysfunction in Type 2 diabetes limited to older adults?. Diabetes/Metabolism Research and Reviews, 2000, 16, 308-315.	1.7	160
16	Interleukin-6 Covaries Inversely With Cognitive Performance Among Middle-Aged Community Volunteers. Psychosomatic Medicine, 2006, 68, 895-903.	1.3	153
17	Why is cognitive dysfunction associated with the development of diabetes early in life? The diathesis hypothesis. Pediatric Diabetes, 2006, 7, 289-297.	1.2	140
18	Prenatal Tobacco Effects on Neuropsychological Outcomes Among Preadolescents. Journal of Developmental and Behavioral Pediatrics, 2001, 22, 217-225.	0.6	139

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19	Memory impairments with adjuvant anastrozole versus tamoxifen in women with early-stage breast cancer. Menopause, 2007, 14, 995-998.	0.8	133
20	Mild hypoglycemia associated with deterioration of mental efficiency in children with insulin-dependent diabetes mellitus. Journal of Pediatrics, 1990, 117, 32-38.	0.9	132
21	Higher blood pressure predicts lower regional grey matter volume: Consequences on short-term information processing. Neurolmage, 2006, 31, 754-765.	2.1	117
22	Impact of Diabetes and Its Treatment on Cognitive Function Among Adolescents Who Participated in the Diabetes Control and Complications Trial. Diabetes Care, 2008, 31, 1933-1938.	4.3	115
23	Cognitive function in patients with insulin-dependent diabetes mellitus during hyperglycemia and hypoglycemia. American Journal of Medicine, 1995, 98, 135-144.	0.6	113
24	Cognitive Function and Reproductive Hormones in Adjuvant Therapy for Breast Cancer. Journal of Pain and Symptom Management, 2001, 21, 407-424.	0.6	113
25	Memory performance and the apolipoprotein E polymorphism in a community sample of middle-aged adults. American Journal of Medical Genetics Part A, 2000, 96, 707-711.	2.4	112
26	Resting-State Brain Networks in Type 1 Diabetic Patients With and Without Microangiopathy and Their Relation to Cognitive Functions and Disease Variables. Diabetes, 2012, 61, 1814-1821.	0.3	109
27	Assessment of Neuropsychological Dysfunction in the Workplace: Normative Data from the Pittsburgh Occupational Exposures Test Battery. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1987, 9, 665-679.	1.4	107
28	Neuropsychological changes in adolescents with insulin-dependent diabetes Journal of Consulting and Clinical Psychology, 1984, 52, 335-342.	1.6	101
29	Clinically Relevant Cognitive Impairment in Middle-Aged Adults With Childhood-Onset Type 1 Diabetes. Diabetes Care, 2015, 38, 1768-1776.	4.3	101
30	Neurocognitive consequences of diabetes American Psychologist, 2016, 71, 563-576.	3.8	101
31	Further Evidence for a Continuumâ€ofâ€Impairment Encompassing Male Alcoholic Korsakoff Patients and Chronic Alcoholic Men. Alcoholism: Clinical and Experimental Research, 1980, 4, 190-198.	1.4	96
32	Effects of insulin-dependent diabetes on learning and memory efficiency in adults. Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology, 1993, 15, 685-700.	1.4	95
33	Diabetes, aging, and cognitive decline. Neurobiology of Aging, 2005, 26, 21-25.	1.5	82
34	Altered Prefrontal Glutamate–Glutamine–γ-Aminobutyric Acid Levels and Relation to Low Cognitive Performance and Depressive Symptoms in Type 1 Diabetes Mellitus. Archives of General Psychiatry, 2009, 66, 878.	13.8	82
35	Patterns of change in cognitive function with anastrozole therapy. Cancer, 2015, 121, 2627-2636.	2.0	79
36	Learning and memory function in men with untreated blood pressure elevation Journal of Consulting and Clinical Psychology, 1991, 59, 513-517.	1.6	77

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37	Serum Phospholipid Docosahexaenonic Acid Is Associated with Cognitive Functioning during Middle Adulthood. Journal of Nutrition, 2010, 140, 848-853.	1.3	76
38	Serum Cholesterol and Intellectual Performance. Psychosomatic Medicine, 1997, 59, 382-387.	1.3	71
39	The effects of diabetes mellitus on the school attendance and school achievement of adolescents. Child: Care, Health and Development, 1985, 11, 229-240.	0.8	70
40	Defining Pathways for Development of Disease-Modifying Therapies in Children With Type 1 Diabetes: A Consensus Report. Diabetes Care, 2015, 38, 1975-1985.	4.3	68
41	Risk Factors Associated with Persistence of Neuropsychological Deficits in Persons with Organic Solvent Exposure. Journal of Nervous and Mental Disease, 1991, 179, 540-545.	0.5	64
42	Cerebral Blood Flow in Hypertensive Patients. Hypertension, 1998, 31, 1216-1222.	1.3	64
43	A PSYCHIATRIC EPIDEMIOLOGIC STUDY OF OCCUPATIONAL LEAD EXPOSURE. American Journal of Epidemiology, 1986, 123, 261-269.	1.6	59
44	Effects of acute hyperglycemia on mental efficiency and counterregulatory hormones in adolescents with insulin-dependent diabetes mellitus. Journal of Pediatrics, 1995, 126, 178-184.	0.9	59
45	Diabetes, the brain, and behavior: Is there a biological mechanism underlying the association between diabetes and depression?. International Review of Neurobiology, 2002, 51, 455-479.	0.9	59
46	Alcoholism and Premature Aging: A Neuropsychological Perspective. Alcoholism: Clinical and Experimental Research, 1982, 6, 22-30.	1.4	58
47	The effect of type 1 diabetes on the developing brain. The Lancet Child and Adolescent Health, 2019, 3, 427-436.	2.7	58
48	Dysfunctional buildings or dysfunctional people: An examination of the sick building syndrome and allied disorders Journal of Consulting and Clinical Psychology, 1992, 60, 220-224.	1.6	57
49	Relationships among Obstructive Sleep Apnea, Anthropometric Measures, and Neurocognitive Functioning in Adolescents with Severe Obesity. Journal of Pediatrics, 2012, 160, 732-735.	0.9	57
50	Experienced Scuba Divers in Australia and the United States Suffer Considerable Injury and Morbidity. Wilderness and Environmental Medicine, 2003, 14, 83-88.	0.4	56
51	Clinically significant cognitive impairment in older adults with type 1 diabetes. Journal of Diabetes and Its Complications, 2019, 33, 91-97.	1.2	56
52	Cognitive performance declines in older adults with type 1 diabetes: results from 32 years of follow-up in the DCCT and EDIC Study. Lancet Diabetes and Endocrinology,the, 2021, 9, 436-445.	5.5	56
53	Frontal gray matter atrophy in middle aged adults with type 1 diabetes is independent of cardiovascular risk factors and diabetes complications. Journal of Diabetes and Its Complications, 2013, 27, 558-564.	1.2	55
54	HYPOGLYCEMIA IN CHILDREN WITH TYPE 1 DIABETES MELLITUS. Endocrinology and Metabolism Clinics of North America, 1999, 28, 883-900.	1.2	54

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55	White matter hyperintensities in middle-aged adults with childhood-onset type 1 diabetes. Neurology, 2015, 84, 2062-2069.	1.5	54
56	Psychiatric Sequelae after Traumatic Injury: The Pittsburgh Regatta Accident. Journal of the American Academy of Child and Adolescent Psychiatry, 1990, 29, 70-75.	0.3	52
57	Effects of six anti-hypertensive medications on cognitive performance. Journal of Hypertension, 2002, 20, 1643-1652.	0.3	52
58	The perception of safe driving ability during hypoglycemia in patients with type 1 diabetes mellitus. American Journal of Medicine, 1999, 107, 246-253.	0.6	48
59	Learning Deficits in Adolescents with Anorexia Nervosa. Journal of Nervous and Mental Disease, 1985, 173, 182-184.	0.5	46
60	Apolipoprotein E Genotype and Cognitive Function in Postmenopausal Women With Early-Stage Breast Cancer. Oncology Nursing Forum, 2014, 41, E313-E325.	0.5	46
61	Diabetes mellitus in the young and the old: Effects on cognitive functioning across the life span. Neurobiology of Disease, 2020, 134, 104608.	2.1	46
62	Memory Deficits in Chronic Alcoholics: Continuities between the "Intact―Alcoholic and the Alcoholic Korsakoff Patient. Advances in Experimental Medicine and Biology, 1980, 126, 701-718.	0.8	45
63	Cognitive Deficits in Alcoholics. , 1983, , 485-538.		44
64	Low Level Lead Exposure and Neuropsychological Functioning in Blue Collar Males. International Journal of Neuroscience, 1987, 36, 29-39.	0.8	40
65	Diabetes and brain damage: more (or less) than meets the eye?. Diabetologia, 2006, 49, 2229-2233.	2.9	39
66	Aging, Diabetes, Obesity, and Cognitive Decline: A Populationâ€Based Study. Journal of the American Geriatrics Society, 2020, 68, 991-998.	1.3	38
67	Hypoglycemia: A Complication of Diabetes Therapy in Children. Trends in Endocrinology and Metabolism, 2000, 11, 198-202.	3.1	37
68	Health effects of long-term solvent exposure among women in blue-collar occupations. American Journal of Industrial Medicine, 1990, 17, 661-675.	1.0	36
69	Trajectories of self-reported cognitive function in postmenopausal women during adjuvant systemic therapy for breast cancer. Psycho-Oncology, 2017, 26, 44-52.	1.0	36
70	Hypoglycemia: A Complication of Diabetes Therapy in Children. Pediatric Clinics of North America, 2005, 52, 1705-1733.	0.9	33
71	Prefrontal Cortical Deficits in Type 1 Diabetes Mellitus. Archives of General Psychiatry, 2012, 69, 1267.	13.8	33
72	Experienced, Recreational Scuba Divers in Australia Continue to Dive Despite Medical Contraindicationsa †a †a †. Wilderness and Environmental Medicine, 2002, 13, 187-193.	0.4	32

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73	What do perceived cognitive problems reflect?. The Journal of Supportive Oncology, 2008, 6, 238-42.	2.3	32
74	Cognitive Function and Quality of Life in Interferon Therapy for Melanoma. Clinical Nursing Research, 2000, 9, 352-363.	0.7	30
75	Associations between recent severe hypoglycemia, retinal vessel diameters, and cognition in adults with type 1 diabetes. Journal of Diabetes and Its Complications, 2016, 30, 1513-1518.	1.2	30
76	Evidence of increased serotonin-1A receptor binding in type 2 diabetes: a positron emission tomography study. Brain Research, 2002, 927, 97-103.	1.1	27
77	Detection of Symptoms by Adolescents and Young Adults With Type 1 Diabetes During Experimental Induction of Mild Hypoglycemia: Role of hormonal and psychological variables. Diabetes Care, 2002, 25, 852-858.	4.3	26
78	Alcohol Consumption and Premature Aging. , 1984, 2, 223-250.		26
79	Network-Level Structural Abnormalities of Cerebral Cortex in Type 1 Diabetes Mellitus. PLoS ONE, 2013, 8, e71304.	1.1	25
80	Long-Chain Omega-3 Fatty Acids and Optimization of Cognitive Performance. Military Medicine, 2014, 179, 95-105.	0.4	25
81	Verbal Intellectual and Verbal Memory Performance of Youths with Childhood-Onset Insulin-Dependent Diabetes Mellitus. Journal of Pediatric Psychology, 1994, 19, 475-483.	1.1	23
82	Self-esteem in diabetic adolescents: Relationship between age at onset and gender Journal of Consulting and Clinical Psychology, 1986, 54, 730-731.	1.6	22
83	Normative Data for a Working Memory Test: the Four Word Short-Term Memory Test. Clinical Neuropsychologist, 2002, 16, 373-380.	1.5	22
84	Searching for the origin of brain dysfunction in diabetic children: going back to the beginning. Pediatric Diabetes, 2008, 9, 527-530.	1.2	22
85	Community Partnered Research Ethics Training in Practice. Journal of Empirical Research on Human Research Ethics, 2016, 11, 97-105.	0.6	22
86	Prehypertensive Blood Pressures and Regional Cerebral Blood Flow Independently Relate to Cognitive Performance in Midlife. Journal of the American Heart Association, 2017, 6, .	1.6	22
87	Neuropsychological Consequences and Correlates of Diabetes in Childhood. Contributions To Psychology and Medicine, 1990, , 58-84.	0.6	21
88	The relationship between abstinence and Recovery of function in male alcoholics. Journal of Clinical Neuropsychology, 1980, 2, 125-134.	1.2	19
89	Does moderately severe hypoglycemia cause cognitive dysfunction in children?. Pediatric Diabetes, 2004, 5, 59-62.	1.2	19
90	Attributes of researchers and their strategies to recruit minority populations: Results of a national survey. Contemporary Clinical Trials, 2012, 33, 1231-1237.	0.8	19

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91	Age of Childhood Onset in Type 1 Diabetes and Functional Brain Connectivity in Midlife. Psychosomatic Medicine, 2015, 77, 622-630.	1.3	18
92	Neuropsychology of Alcoholism. Recent Developments in Alcoholism: an Official Publication of the American Medical Society on Alcoholism, and the Research Society on Alcoholism, and the National Council on Alcoholism, 1983, , 449-469.	0.4	18
93	Three Methods of Memory Training for Severely Amnesic Patients. Behavior Modification, 1985, 9, 357-374.	1.1	17
94	A Randomized Controlled Trial to Compare Computer-assisted Motivational Intervention with Didactic Educational Counseling to Reduce Unprotected Sex in Female Adolescents. Journal of Pediatric and Adolescent Gynecology, 2016, 29, 26-32.	0.3	17
95	Evaluating the Effects of Treatment for Medical Disorders: Has the Value of Neuropsychological Assessment Been Fully Realized?. Applied Neuropsychology, 1998, 5, 209-219.	1.5	16
96	Subgenual Cingulate Cortex Functional Connectivity in Relation to Depressive Symptoms and Cognitive Functioning in Type 1 Diabetes Mellitus Patients. Psychosomatic Medicine, 2016, 78, 740-749.	1.3	16
97	Intensive diabetes therapy in childhood: Is it achievable? Is it desirable? Is it safe?. Journal of Pediatrics, 1999, 134, 392-394.	0.9	15
98	An exploratory study of host polymorphisms in genes that clinically characterize breast cancer tumors and pretreatment cognitive performance in breast cancer survivors. Breast Cancer: Targets and Therapy, 2017, Volume 9, 95-110.	1.0	15
99	Predictive Utility of Brief Alcohol Use Disorders Identification Test (AUDIT) for Human Immunodeficiency Virus Antiretroviral Medication Nonadherence. Substance Abuse, 2011, 32, 252-261.	1.1	14
100	The Psychometric and Cardiac Effects of Pseudoephedrine in the Hyperbaric Environment. Pharmacotherapy, 2000, 20, 1045-1050.	1.2	13
101	Regional Gray Matter Volumes as Related to Psychomotor Slowing in Adults with Type 1 Diabetes. Psychosomatic Medicine, 2017, 79, 533-540.	1.3	13
102	Prefrontoâ€ŧemporal white matter microstructural alterations 20 years after the diagnosis of type 1 diabetes mellitus. Pediatric Diabetes, 2018, 19, 478-485.	1.2	13
103	The Psychometric and Cardiac Effects of Dimenhydrinate in the Hyperbaric Environment. Pharmacotherapy, 2000, 20, 1051-1054.	1.2	12
104	Body Position Affects Manual Dexterity. Anesthesia and Analgesia, 2006, 102, 1879-1883.	1.1	12
105	Does lifetime exposure to hormones predict pretreatment cognitive function in women before adjuvant therapy for breast cancer?. Menopause, 2013, 20, 905-913.	0.8	11
106	A screening algorithm to identify clinically significant changes in neuropsychological functions in the diabetes control and complications trial. Journal of Clinical and Experimental Neuropsychology, 1994, 16, 303-316.	0.8	10
107	Brain Function, Cognition, and the Blood Pressure Response to Pharmacological Treatment. Psychosomatic Medicine, 2010, 72, 702-711.	1.3	10
108	Brain Regional Blood Flow and Working Memory Performance Predict Change in Blood Pressure Over 2 Years. Hypertension, 2017, 70, 1132-1141.	1.3	10

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109	Brain Damage in Social Drinkers? Reasons for Caution. , 1985, 3, 277-288.		10
110	Ageâ€related improvement in shortâ€term memory efficiency during adolescence. Developmental Neuropsychology, 1990, 6, 193-205.	1.0	9
111	Effect of Highâ€Dose Cysteine Supplementation on Erythrocyte Glutathione. Journal of Parenteral and Enteral Nutrition, 2016, 40, 226-234.	1.3	9
112	Associations between pathologic tumor features and preadjuvant therapy cognitive performance in women diagnosed with breast cancer. Cancer Medicine, 2017, 6, 339-348.	1.3	9
113	The effects of omega-3 fatty acids on neuropsychological functioning and brain morphology in mid-life adults: a randomized clinical trial. Psychological Medicine, 2020, 50, 2425-2434.	2.7	8
114	Do Words Matter? Incongruent Responses to Inconsistently Worded AUDIT-C Alcohol Screening Instruments. Substance Abuse, 2011, 32, 202-209.	1.1	7
115	The catechol-o-methyltransferase Val158Met polymorphism modulates organization of regional cerebral blood flow response to working memory in adults. International Journal of Psychophysiology, 2013, 90, 149-156.	0.5	7
116	Cognition in Children and Adolescents with Type 1 Diabetes. , 2009, , 251-275.		6
117	Does severe hypoglycaemia disrupt academic achievement in children with early onset diabetes?. Developmental Medicine and Child Neurology, 2012, 54, 393-394.	1.1	6
118	Success Rates for Notification of Enrollment in Exception From Informed Consent Clinical Trials. Academic Emergency Medicine, 2016, 23, 772-775.	0.8	6
119	The Utility of Psychophysiological Measures in Assessing the Correlates and Consequences of Organic Solvent Exposure. Toxicology and Industrial Health, 1994, 10, 537-544.	0.6	6
120	Hypoglycemia in Children With Insulin-Dependent Diabetes Mellitus. The Diabetes Educator, 1992, 18, 151-153.	2.6	5
121	Self-reported levels of anxiety do not predict neuropsychological performance in healthy men. Archives of Clinical Neuropsychology, 1997, 12, 567-574.	0.3	4
122	Deep Functional and Molecular Characterization of a High-Risk Undifferentiated Pleomorphic Sarcoma. Sarcoma, 2020, 2020, 1-11.	0.7	4
123	Cognition in Adults with Type 1 Diabetes. , 2009, , 277-293.		4
124	A Team Approach to the Child With Diabetes Who Is Having Academic Difficulties. The Diabetes Educator, 1987, 13, 58-60.	2.6	3
125	Statin use and cognitive function in middle-aged adults with type 1 diabetes. World Journal of Diabetes, 2017, 8, 286.	1.3	3
126	Glycemic Control and Hypoglycemia: Is the Loser the Winner?: Response to Perlmuter et al Diabetes Care, 2009, 32, e46-e46.	4.3	2

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127	Evolution of an Innovative Approach to the Delivery of Inâ€Person Training in the Responsible Conduct of Research. Clinical and Translational Science, 2014, 7, 512-515.	1.5	2
128	Hypoglycemia: A Complication of Diabetes Therapy in Children. Seminars in Pediatric Neurology, 2005, 12, 163-177.	1.0	1
129	Response to Comment on Nunley et al. Clinically Relevant Cognitive Impairment in Middle-Aged Adults With Childhood-Onset Type 1 Diabetes. Diabetes Care 2015;38:1768–1776. Diabetes Care, 2016, 39, e25-e25.	4.3	1
130	Differential Neuropsychology. Critical Issues in Neuropsychology, 1994, , 241-255.	0.4	1
131	Memory disturbances following chronic, low-level carbon monoxide exposure. Archives of Clinical Neuropsychology, 1990, 5, 59-67.	0.3	0
132	Preserving Cognition in Children With Diabetes: Do Alterations in Functional Network Connectivity Play a Role?. Diabetes, 2017, 66, 574-576.	0.3	0
133	Assessing Medically Ill Patients. , 1998, , 227-245.		0