

Antonio Convit

List of Publications by Citations

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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.

66 papers	6,543 citations	35 h-index	68 g-index
68 ext. papers	7,267 ext. citations	5.5 avg, IF	5.45 L-index

#	Paper	IF	Citations
66	Cortisol levels during human aging predict hippocampal atrophy and memory deficits. <i>Nature Neuroscience</i> , 1998 , 1, 69-73	25.5	1240
65	Dissociation of cognitive and emotional empathy in adults with Asperger syndrome using the Multifaceted Empathy Test (MET). <i>Journal of Autism and Developmental Disorders</i> , 2008 , 38, 464-73	4.6	530
64	Introducing MASC: a movie for the assessment of social cognition. <i>Journal of Autism and Developmental Disorders</i> , 2006 , 36, 623-36	4.6	479
63	Hippocampal formation glucose metabolism and volume losses in MCI and AD. <i>Neurobiology of Aging</i> , 2001 , 22, 529-39	5.6	448
62	Impact of metabolic syndrome on cognition and brain: a selected review of the literature. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012 , 32, 2060-7	9.4	278
61	Reduced glucose tolerance is associated with poor memory performance and hippocampal atrophy among normal elderly. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003 , 100, 2019-22	11.5	250
60	Disinhibited eating in obese adolescents is associated with orbitofrontal volume reductions and executive dysfunction. <i>Obesity</i> , 2011 , 19, 1382-7	8	248
59	Who cares? Revisiting empathy in Asperger syndrome. <i>Journal of Autism and Developmental Disorders</i> , 2007 , 37, 709-15	4.6	231
58	Obesity and metabolic syndrome and functional and structural brain impairments in adolescence. <i>Pediatrics</i> , 2012 , 130, e856-64	7.4	182
57	Modifiers of cognitive function and brain structure in middle-aged and elderly individuals with type 2 diabetes mellitus. <i>Brain Research</i> , 2009 , 1280, 186-94	3.7	178
56	Cortisol differentially affects memory in young and elderly men.. <i>Behavioral Neuroscience</i> , 2001 , 115, 1002-1011	2.1	172
55	MRI of entorhinal cortex in mild Alzheimer's disease. <i>Lancet, The</i> , 1999 , 353, 38-40	40	164
54	Links between cognitive impairment in insulin resistance: an explanatory model. <i>Neurobiology of Aging</i> , 2005 , 26 Suppl 1, 31-5	5.6	157
53	Hypothalamic-pituitary-adrenal axis dysregulation and memory impairments in type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2439-45	5.6	119
52	Volumetric analysis of the pre-frontal regions: findings in aging and schizophrenia. <i>Psychiatry Research - Neuroimaging</i> , 2001 , 107, 61-73	2.9	106
51	A blunted cortisol awakening response and hippocampal atrophy in type 2 diabetes mellitus. <i>Psychoneuroendocrinology</i> , 2009 , 34, 815-21	5	96
50	Preliminary evidence of cognitive and brain abnormalities in uncomplicated adolescent obesity. <i>Obesity</i> , 2014 , 22, 1865-71	8	94

49	The role of the fusiform-amygdala system in the pathophysiology of autism. <i>Archives of General Psychiatry</i> , 2010 , 67, 397-405		94
48	MRI volume of the amygdala: a reliable method allowing separation from the hippocampal formation. <i>Psychiatry Research - Neuroimaging</i> , 1999 , 90, 113-23	2.9	92
47	Obesity-mediated inflammation may damage the brain circuit that regulates food intake. <i>Brain Research</i> , 2011 , 1373, 101-9	3.7	86
46	Basal hypothalamo-pituitary-adrenal axis activity and corticotropin feedback in young and older men: relationships to magnetic resonance imaging-derived hippocampus and cingulate gyrus volumes. <i>Neuroendocrinology</i> , 2002 , 75, 241-9	5.6	79
45	Contribution of structural neuroimaging to the early diagnosis of Alzheimer's disease. <i>International Psychogeriatrics</i> , 1997 , 9 Suppl 1, 183-90; discussion 247-52	3.4	68
44	The amygdala theory of autism revisited: linking structure to behavior. <i>Neuropsychologia</i> , 2006 , 44, 1891-9	3.9	62
43	Obesity, orbitofrontal structure and function are associated with food choice: a cross-sectional study. <i>BMJ Open</i> , 2011 , 1, e000175	3	60
42	Emotional and neutral declarative memory impairments and associated white matter microstructural abnormalities in adults with type 2 diabetes. <i>Psychiatry Research - Neuroimaging</i> , 2009 , 174, 223-30	2.9	58
41	Salivary cortisol day profiles in elderly with mild cognitive impairment. <i>Psychoneuroendocrinology</i> , 2002 , 27, 777-89	5	55
40	Hypertension and hypothalamo-pituitary-adrenal axis hyperactivity affect frontal lobe integrity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 3262-7	5.6	55
39	Effects of aging on slow-wave sleep dynamics and human spatial navigational memory consolidation. <i>Neurobiology of Aging</i> , 2016 , 42, 142-149	5.6	53
38	Obese Adolescents with Type 2 Diabetes Mellitus Have Hippocampal and Frontal Lobe Volume Reductions. <i>Neuroscience and Medicine</i> , 2011 , 2, 34-42	0.3	53
37	Metabolic syndrome is associated with learning and recall impairment in middle age. <i>Dementia and Geriatric Cognitive Disorders</i> , 2010 , 29, 356-62	2.6	48
36	Subjective memory complaints in aging are associated with elevated cortisol levels. <i>Neurobiology of Aging</i> , 2005 , 26, 1357-63	5.6	48
35	Cerebral perfusion in insulin resistance and type 2 diabetes. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2015 , 35, 95-102	7.3	42
34	Type 2 diabetes affects hippocampus volume differentially in men and women. <i>Diabetes/Metabolism Research and Reviews</i> , 2012 , 28, 76-83	7.5	41
33	Lifestyle and vascular risk effects on MRI-based biomarkers of Alzheimer's disease: a cross-sectional study of middle-aged adults from the broader New York City area. <i>BMJ Open</i> , 2018 , 8, e019362	3	40
32	Preliminary evidence for obesity and elevations in fasting insulin mediating associations between cortisol awakening response and hippocampal volumes and frontal atrophy. <i>Psychoneuroendocrinology</i> , 2012 , 37, 1270-6	5	40

31	Magnetic resonance and PET studies in the early diagnosis of Alzheimer's disease. <i>Expert Review of Neurotherapeutics</i> , 2004 , 4, 831-49	4.3	34
30	Age-related changes in brain: I. Magnetic resonance imaging measures of temporal lobe volumes in normal subjects. <i>Psychiatric Quarterly</i> , 1995 , 66, 343-55	4.1	33
29	Neural substrates of verbal memory impairments in adults with type 2 diabetes mellitus. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014 , 36, 74-87	2.1	31
28	Hypercholesterolemia in Asperger syndrome: independence from lifestyle, obsessive-compulsive behavior, and social anxiety. <i>Psychiatry Research</i> , 2007 , 149, 321-4	9.9	31
27	BMI modulates calorie-dependent dopamine changes in accumbens from glucose intake. <i>PLoS ONE</i> , 2014 , 9, e101585	3.7	30
26	Obesity, metabolic syndrome, and insulin resistance in urban high school students of minority race/ethnicity. <i>JAMA Pediatrics</i> , 2012 , 166, 1030-6		29
25	Diabetes, sugar-coated but harmful to the brain. <i>Current Opinion in Pharmacology</i> , 2007 , 7, 638-42	5.1	29
24	Obesity, fitness, and brain integrity in adolescence. <i>Appetite</i> , 2015 , 93, 44-50	4.5	26
23	Obese Adolescents Show Reduced Cognitive Processing Speed Compared with Healthy Weight Peers. <i>Childhood Obesity</i> , 2017 , 13, 190-196	2.5	23
22	Plasma BDNF is reduced among middle-aged and elderly women with impaired insulin function: evidence of a compensatory mechanism. <i>Brain and Cognition</i> , 2009 , 71, 147-52	2.7	21
21	Does Inflammation Mediate the Association Between Obesity and Insulin Resistance?. <i>Inflammation</i> , 2016 , 39, 994-1003	5.1	19
20	High cortisol levels are associated with low quality food choice in type 2 diabetes. <i>Endocrine</i> , 2012 , 41, 76-81	4	19
19	Insulin resistance among obese middle-aged is associated with decreased cerebrovascular reactivity. <i>Neurology</i> , 2017 , 89, 249-255	6.5	17
18	Impact of blood sample collection and processing methods on glucose levels in community outreach studies. <i>Journal of Environmental and Public Health</i> , 2013 , 2013, 256151	2.6	16
17	Preliminary evidence for obesity-associated insulin resistance in adolescents without elevations of inflammatory cytokines. <i>Diabetology and Metabolic Syndrome</i> , 2012 , 4, 26	5.6	15
16	The Banishing Obesity and Diabetes in Youth (BODY) Project: description and feasibility of a program to halt obesity-associated disease among urban high school students. <i>Journal of Community Health</i> , 2012 , 37, 365-71	4	15
15	Retinal vessel abnormalities are associated with elevated fasting insulin levels and cerebral atrophy in nondiabetic individuals. <i>Ophthalmology</i> , 2009 , 116, 1175-81	7.3	14
14	Retinal vessel alterations and cerebral white matter microstructural damage in obese adolescents with metabolic syndrome. <i>JAMA Pediatrics</i> , 2014 , 168, e142815	8.3	13

13	Retinal vessel abnormalities as a possible biomarker of brain volume loss in obese adolescents. <i>Obesity</i> , 2013 , 21, E577-85	8	13
12	Association of obesity-mediated insulin resistance and hypothalamic volumes: possible sex differences. <i>Disease Markers</i> , 2013 , 35, 249-59	3.2	11
11	Obesity: cerebral damage in obesity-associated metabolic syndrome. <i>Nature Reviews Endocrinology</i> , 2014 , 10, 642-4	15.2	10
10	Cognitive functions among predominantly minority urban adolescents with metabolic syndrome. <i>Applied Neuropsychology: Child</i> , 2018 , 7, 157-163	1.4	9
9	Fitness, insulin sensitivity, and frontal lobe integrity in adults with overweight and obesity. <i>Obesity</i> , 2016 , 24, 1283-9	8	8
8	Abnormal cholesterol is associated with prefrontal white matter abnormalities among obese adults, a diffusion tensor imaging study. <i>Neuroradiology Journal</i> , 2011 , 1, 989-997	2	6
7	Insulin Sensitivity and Inflammation Mediate the Impact of Fitness on Cerebrovascular Health in Adolescents. <i>Childhood Obesity</i> , 2017 , 13, 205-212	2.5	5
6	Asian Adolescents with Excess Weight are at Higher Risk for Insulin Resistance than Non-Asian Peers. <i>Obesity</i> , 2017 , 25, 1974-1979	8	5
5	Obesity impacts brain metabolism and structure independently of amyloid and tau pathology in healthy elderly. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12052	5.2	3
4	Outcomes of The BODY Project: A Program to Halt Obesity and Its Medical Consequences in High School Students. <i>Journal of Community Health</i> , 2015 , 40, 1149-54	4	1
3	Hispanic Youth With Excess Weight Display Psychological Distress: Do the Youth Self-Report Norms Accurately Capture This Phenomenon?. <i>Hispanic Journal of Behavioral Sciences</i> , 2014 , 36, 195-210	0.7	1
2	Does obesity-associated insulin resistance affect brain structure and function of adolescents differentially by sex?. <i>Psychiatry Research - Neuroimaging</i> , 2021 , 319, 111417	2.9	1
1	The Neutrophil to Lymphocyte Ratio Is Associated With the Risk of Subsequent Dementia in the Framingham Heart Study.. <i>Frontiers in Aging Neuroscience</i> , 2021 , 13, 773984	5.3	1