

# Edward Leigh Gibson

## List of Publications by Year in descending order

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Version: 2024-02-01

100  
papers

8,820  
citations

53660

45  
h-index

49773

87  
g-index

109  
all docs

109  
docs citations

109  
times ranked

8594  
citing authors

#	ARTICLE	IF	CITATIONS
1	Food neophobia and "picky/fussy" eating in children: A review. <i>Appetite</i> , 2008, 50, 181-193.	1.8	863
2	Stress and Food Choice: A Laboratory Study. <i>Psychosomatic Medicine</i> , 2000, 62, 853-865.	1.3	682
3	Emotional influences on food choice: Sensory, physiological and psychological pathways. <i>Physiology and Behavior</i> , 2006, 89, 53-61.	1.0	561
4	Modifying children's food preferences: the effects of exposure and reward on acceptance of an unfamiliar vegetable. <i>European Journal of Clinical Nutrition</i> , 2003, 57, 341-348.	1.3	473
5	Fruit and Vegetable Consumption, Nutritional Knowledge and Beliefs in Mothers and Children. <i>Appetite</i> , 1998, 31, 205-228.	1.8	472
6	Demographic, familial and trait predictors of fruit and vegetable consumption by pre-school children. <i>Public Health Nutrition</i> , 2004, 7, 295-302.	1.1	432
7	Increasing children's acceptance of vegetables; a randomized trial of parent-led exposure. <i>Appetite</i> , 2003, 40, 155-162.	1.8	395
8	Stress and Adiposity: A Meta-Analysis of Longitudinal Studies. <i>Obesity</i> , 2011, 19, 771-778.	1.5	275
9	Relationship between parental report of food neophobia and everyday food consumption in 2-6-year-old children. <i>Appetite</i> , 2003, 41, 205-206.	1.8	272
10	A prebiotic intervention study in children with autism spectrum disorders (ASDs). <i>Microbiome</i> , 2018, 6, 133.	4.9	232
11	The psychobiology of comfort eating. <i>Behavioural Pharmacology</i> , 2012, 23, 442-460.	0.8	204
12	The role of parental control practices in explaining children's diet and BMI. <i>Appetite</i> , 2008, 50, 252-259.	1.8	187
13	Increased Salivary Cortisol Reliably Induced by a Protein-Rich Midday Meal. <i>Psychosomatic Medicine</i> , 1999, 61, 214-224.	1.3	186
14	Neuroendocrine and cardiovascular correlates of positive affect measured by ecological momentary assessment and by questionnaire. <i>Psychoneuroendocrinology</i> , 2007, 32, 56-64.	1.3	167
15	Identifying effective behavioural models and behaviour change strategies underpinning preschool- and school-based obesity prevention interventions aimed at 4-6-year-olds: a systematic review. <i>Obesity Reviews</i> , 2012, 13, 106-117.	3.1	158
16	Appetite suppression by commonly used drugs depends on 5-HT receptors but not on 5-HT availability. <i>Trends in Pharmacological Sciences</i> , 1997, 18, 21-25.	4.0	126
17	Nutritional influences on cognitive function: mechanisms of susceptibility. <i>Nutrition Research Reviews</i> , 2002, 15, 169.	2.1	123
18	Protein appetite demonstrated: Learned specificity of protein-cue preference to protein need in adult rats. <i>Nutrition Research</i> , 1987, 7, 481-487.	1.3	108

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19	The effects of chronic tea intake on platelet activation and inflammation: A double-blind placebo controlled trial. <i>Atherosclerosis</i> , 2007, 193, 277-282.	0.4	104
20	Factor-analytic structure of food preferences in four-year-old children in the UK. <i>Appetite</i> , 2001, 37, 217-223.	1.8	100
21	Energy density predicts preferences for fruit and vegetables in 4-year-old children. <i>Appetite</i> , 2003, 41, 97-98.	1.8	99
22	Chocolate Craving and Hunger State: Implications for the Acquisition and Expression of Appetite and Food Choice. <i>Appetite</i> , 1999, 32, 219-240.	1.8	95
23	Evidence-based recommendations for the development of obesity prevention programs targeted at preschool children. <i>Obesity Reviews</i> , 2012, 13, 129-132.	3.1	94
24	A narrative review of psychological and educational strategies applied to young children's eating behaviours aimed at reducing obesity risk. <i>Obesity Reviews</i> , 2012, 13, 85-95.	3.1	93
25	Disguised protein in lunch after low-protein breakfast conditions food-flavor preferences dependent on recent lack of protein intake. <i>Physiology and Behavior</i> , 1995, 58, 363-371.	1.0	84
26	The effects of tea on psychophysiological stress responsivity and post-stress recovery: a randomised double-blind trial. <i>Psychopharmacology</i> , 2007, 190, 81-89.	1.5	82
27	Evidence that mCPP-induced anxiety in the plus-maze is mediated by postsynaptic 5-HT <sub>2C</sub> receptors but not by sympathomimetic effects. <i>Neuropharmacology</i> , 1994, 33, 457-465.	2.0	79
28	The importance of nutrition in aiding recovery from substance use disorders: A review. <i>Drug and Alcohol Dependence</i> , 2017, 179, 229-239.	1.6	79
29	Potential benefits of satiety to the consumer: scientific considerations. <i>Nutrition Research Reviews</i> , 2013, 26, 22-38.	2.1	76
30	The Effects of Effort-Reward Imbalance on Inflammatory and Cardiovascular Responses to Mental Stress. <i>Psychosomatic Medicine</i> , 2006, 68, 408-413.	1.3	74
31	Designing and implementing a kindergarten-based, family-involved intervention to prevent obesity in early childhood: the TOYBOX study. <i>Obesity Reviews</i> , 2014, 15, 5-13.	3.1	74
32	Acquired protein appetite in rats: Dependence on a protein-specific need state. <i>Experientia</i> , 1986, 42, 1003-1004.	1.2	73
33	A systematic approach for the development of a kindergarten-based intervention for the prevention of obesity in preschool age children: the ToyBox study. <i>Obesity Reviews</i> , 2012, 13, 3-12.	3.1	73
34	d-Fenfluramine- and d-norfenfluramine-induced hypophagia: differential mechanisms and involvement of postsynaptic 5-HT receptors. <i>European Journal of Pharmacology</i> , 1993, 242, 83-90.	1.7	72
35	Inflammatory and hemostatic responses to repeated mental stress: Individual stability and habituation over time. <i>Brain, Behavior, and Immunity</i> , 2006, 20, 456-459.	2.0	63
36	A High Omega-3 Fatty Acid Multinutrient Supplement Benefits Cognition and Mobility in Older Women: A Randomized, Double-blind, Placebo-controlled Pilot Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 236-242.	1.7	59

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37	Differences in Energy Balance-Related Behaviours in European Preschool Children: The ToyBox-Study. PLoS ONE, 2015, 10, e0118303.	1.1	59
38	Critical narrative review to identify educational strategies promoting physical activity in preschool. Obesity Reviews, 2012, 13, 96-105.	3.1	58
39	Carbohydrates and mental function: feeding or impeding the brain?. Nutrition Bulletin, 2007, 32, 71-83.	0.8	56
40	Effects of housing, restraint and chronic treatments with mCPP and sertraline on behavioural responses to mCPP. Psychopharmacology, 1993, 113, 262-268.	1.5	55
41	Understanding Food Fussiness and Its Implications for Food Choice, Health, Weight and Interventions in Young Children: The Impact of Professor Jane Wardle. Current Obesity Reports, 2017, 6, 46-56.	3.5	52
42	Developmental differences in sensory decision making involved in deciding to try a novel fruit. British Journal of Health Psychology, 2012, 17, 258-272.	1.9	50
43	Tools, harmonization and standardization procedures of the impact and outcome evaluation indices obtained during a kindergarten-based, family-involved intervention to prevent obesity in early childhood: the ToyBox-study. Obesity Reviews, 2014, 15, 53-60.	3.1	50
44	Binge eating behaviours and food cravings in women with Polycystic Ovary Syndrome. Appetite, 2017, 109, 24-32.	1.8	49
45	Tryptophan supplementation and serotonin function: genetic variations in behavioural effects. Proceedings of the Nutrition Society, 2018, 77, 174-188.	0.4	49
46	The effect of a kindergarten-based, family-involved intervention on objectively measured physical activity in Belgian preschool boys and girls of high and low SES: the ToyBox-study. International Journal of Behavioral Nutrition and Physical Activity, 2014, 11, 38.	2.0	48
47	Reliability of primary caregivers reports on lifestyle behaviours of European preschool children: the ToyBox-study. Obesity Reviews, 2014, 15, 61-66.	3.1	46
48	Reliability of anthropometric measurements in European preschool children: the ToyBox-study. Obesity Reviews, 2014, 15, 67-73.	3.1	43
49	Chronic treatment with a tryptophan-rich protein hydrolysate improves emotional processing, mental energy levels and reaction time in middle-aged women. British Journal of Nutrition, 2015, 113, 350-365.	1.2	43
50	Gastromotor mechanism of fenfluramine anorexia. Appetite, 1986, 7, 57-69.	1.8	40
51	Is comfort food actually comforting for emotional eaters? A (moderated) mediation analysis. Physiology and Behavior, 2019, 211, 112671.	1.0	40
52	Process evaluation design and tools used in a kindergarten-based, family-involved intervention to prevent obesity in early childhood. The ToyBox-study. Obesity Reviews, 2014, 15, 74-80.	3.1	38
53	Dependence of carbohydrate-conditioned flavor preference on internal state in rats. Learning and Motivation, 1989, 20, 36-47.	0.6	37
54	d-fenfluramine and d-norfenfluramine hypophagias do not require increased hypothalamic 5-hydroxytryptamine release. European Journal of Pharmacology, 1994, 264, 111-115.	1.7	36

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55	Habitual fat intake predicts memory function in younger women. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 838.	1.0	34
56	Caloric compensation in preschool children: Relationships with body mass and differences by food category. <i>Appetite</i> , 2017, 116, 82-89.	1.8	31
57	Effects of acute treatment with a tryptophan-rich protein hydrolysate on plasma amino acids, mood and emotional functioning in older women. <i>Psychopharmacology</i> , 2014, 231, 4595-4610.	1.5	30
58	Association between coffee consumption and markers of inflammation and cardiovascular function during mental stress. <i>Journal of Hypertension</i> , 2006, 24, 2191-2197.	0.3	29
59	Designing and implementing teachers' training sessions in a kindergarten-based, family-involved intervention to prevent obesity in early childhood. The ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 48-52.	3.1	29
60	Validity and Reliability of a Food Frequency Questionnaire (FFQ) to Assess Dietary Intake of Preschool Children. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4722.	1.2	29
61	Influences of Parental Snacking-Related Attitudes, Behaviours and Nutritional Knowledge on Young Children's Healthy and Unhealthy Snacking: The ToyBox Study. <i>Nutrients</i> , 2020, 12, 432.	1.7	29
62	Concepts and strategies on how to train and motivate teachers to implement a kindergarten-based, family-involved intervention to prevent obesity in early childhood. The ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 40-47.	3.1	25
63	Applying the Intervention Mapping protocol to develop a kindergarten-based, family-involved intervention to increase European preschool children's physical activity levels: the ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 14-26.	3.1	24
64	Measurement of Food Perception, Food Preference, and Nutrient Selection. <i>Annals of the New York Academy of Sciences</i> , 1989, 561, 226-242.	1.8	21
65	Establishing a method to estimate the cost-effectiveness of a kindergarten-based, family-involved intervention to prevent obesity in early childhood. The ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 81-89.	3.1	21
66	Differences in Knowledge, Stress, Sensation Seeking, and Locus of Control Linked to Dietary Adherence in Hemodialysis Patients. <i>Frontiers in Psychology</i> , 2016, 7, 1864.	1.1	20
67	Food-conditioned odour rejection in the late stages of the meal, mediating learnt control of meal volume by aftereffects of food consumption. <i>Appetite</i> , 2000, 34, 295-303.	1.8	19
68	Negative emotional biases in late chronotypes. <i>Biological Rhythm Research</i> , 2017, 48, 151-155.	0.4	19
69	Fenfluramine and amphetamine suppress dietary intake without affecting learned preferences for protein or carbohydrate cues. <i>Behavioural Brain Research</i> , 1988, 30, 25-29.	1.2	18
70	Effect of contingent hunger state on development of appetite for a novel fruit snack. <i>Appetite</i> , 2001, 37, 91-101.	1.8	18
71	Developing the intervention material to increase physical activity levels of European preschool children: the ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 27-39.	3.1	18
72	Effect and process evaluation of a kindergarten-based, family-involved intervention with a randomized cluster design on sedentary behaviour in 4- to 6- year old European preschool children: The ToyBox-study. <i>PLoS ONE</i> , 2017, 12, e0172730.	1.1	17

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73	Norepinephrine-facilitated eating: Reduction in saccharin preference and conditioned flavor preferences with increase in quinine aversion. <i>Pharmacology Biochemistry and Behavior</i> , 1985, 22, 1045-1052.	1.3	15
74	Associations between food and beverage consumption and different types of sedentary behaviours in European preschoolers: the ToyBox-study. <i>European Journal of Nutrition</i> , 2017, 56, 1939-1951.	1.8	15
75	Effect and process evaluation of a kindergarten-based, family-involved cluster randomised controlled trial in six European countries on four- to six-year-old children's steps per day: the ToyBox-study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 116.	2.0	15
76	Oxytocin reduces post-stress sweet snack intake in women without attenuating salivary cortisol. <i>Physiology and Behavior</i> , 2019, 212, 112704.	1.0	14
77	Differential facilitative effects of glucose administration on Stroop task conditions.. <i>Behavioral Neuroscience</i> , 2013, 127, 932-935.	0.6	13
78	Mood, emotions and food choice.. , 2006, , 113-140.		11
79	Learned Influences on Appetite, Food Choice, and Intake. , 2007, , 271-300.		10
80	Mood, Emotions, and Eating Disorders. , 2017, , .		10
81	Methodological procedures followed in a kindergarten-based, family-involved intervention implemented in six European countries to prevent obesity in early childhood: the ToyBox-study. <i>Obesity Reviews</i> , 2014, 15, 1-4.	3.1	8
82	ToyBox Study Malaysia: Improving healthy energy balance and obesity-related behaviours among preschoolers in Malaysia. <i>Nutrition Bulletin</i> , 2018, 43, 290-295.	0.8	8
83	Associations between number of siblings, birth order, eating rate and adiposity in children and adults. <i>Clinical Obesity</i> , 2021, 11, e12438.	1.1	7
84	Vagus nerve stimulation confuses appetite: Comment on Bodenlos et al. (2007). <i>Appetite</i> , 2008, 51, 223-225.	1.8	5
85	Physics and physiology of obesity: higher rate of energy input than output. Comment on "The carbohydrate-insulin model: a physiological perspective on the obesity pandemic". <i>American Journal of Clinical Nutrition</i> , 2022, 115, 590-591.	2.2	4
86	"Paradoxical" effect of sucrose or predictable effect of protein? Comment on Goodson et al. (2001). <i>Appetite</i> , 2003, 41, 101-102.	1.8	2
87	Implications of childhood obesity for adult health. <i>BMJ: British Medical Journal</i> , 2002, 324, 676-676.	2.4	2
88	The effects of a high eicosapentaenoic acid multinutrient supplement on measures of stress, anxiety and depression in young adults: Study protocol for NutriMOOD, a randomised double-blind placebo-controlled trial. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2021, 173, 102335.	1.0	1
89	Emotional Eating Scale. , 2015, , 1-7.		1
90	An appraisal of the FSA's "Review of Promotion of Food to Children". <i>Perspectives in Public Health</i> , 2004, 124, 62-63.	0.5	0

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91	Still appetite and still confused: Riposte to Bodenlos, Borckardt and George. <i>Appetite</i> , 2008, 51, 229-230.	1.8	0
92	Does dietary knowledge in patients on haemodialysis influence compliance?. <i>Proceedings of the Nutrition Society</i> , 2009, 68, .	0.4	0
93	Do dietary patterns change following gastric bypass surgery?. <i>Proceedings of the Nutrition Society</i> , 2011, 70, .	0.4	0
94	Behavior: Effects of Diet on Behavior. , 2013, , 129-141.		0
95	Effects of Energy and Macronutrient Intake on Cognitive Function Through the Lifespan. <i>Proceedings of the Latvian Academy of Sciences</i> , 2013, 67, 303-447.	0.0	0
96	Blood levels of the omega-3 fatty acid docosahexaenoic acid are associated with gait and lower limb power in older females. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	0.4	0
97	The effects of an omega-3 fatty acid enriched supplement on physical performance in older women—A randomised double-blind placebo controlled study. <i>Proceedings of the Nutrition Society</i> , 2015, 74, .	0.4	0
98	Diet and Stress. , 2016, , 435-443.		0
99	Diet and Stress, Non-Psychiatric. , 2007, , 797-805.		0
100	Emotional Eating Scale. , 2017, , 338-344.		0