Arie G Nieuwenhuizen

List of Publications by Year
in descending order

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40 papers	1,645 citations	331259 21 h-index	288905 40 g-index
42 all docs	42 docs citations	42 times ranked	2209 citing authors

#	Article	IF	Citations
1	The hypothalamic-pituitary-adrenal-axis in the regulation of energy balance. Physiology and Behavior, 2008, 94, 169-177.	1.0	224
2	Dose-dependent satiating effect of whey relative to casein or soy. Physiology and Behavior, 2009, 96, 675-682.	1.0	224
3	Acute Stressâ€related Changes in Eating in the Absence of Hunger. Obesity, 2009, 17, 72-77.	1.5	221
4	A breakfast with alpha-lactalbumin, gelatin, or gelatin+TRP lowers energy intake at lunch compared with a breakfast with casein, soy, whey, or whey-GMP. Clinical Nutrition, 2009, 28, 147-155.	2.3	86
5	Comparison of bovine milk fat and vegetable fat for infant formula: Implications for infant health. International Dairy Journal, 2019, 92, 37-49.	1.5	80
6	Effects of complete whey-protein breakfasts versus whey without GMP-breakfasts on energy intake and satiety. Appetite, 2009, 52, 388-395.	1.8	77
7	Comparison of the effects of a high- and normal-casein breakfast on satiety, â€˜satietyâ€™ hormones, plasma amino acids and subsequent energy intake. British Journal of Nutrition, 2009, 101, 295-303.	1.2	73
8	Effects of high and normal soyprotein breakfasts on satiety and subsequent energy intake, including amino acid and â€˜satietyâ€™ hormone responses. European Journal of Nutrition, 2009, 48, 92-100.	1.8	61
9	Comparison of 2 diets with either 25% or 10% of energy as casein on energy expenditure, substrate balance, and appetite profile. American Journal of Clinical Nutrition, 2009, 89, 831-838.	2.2	58
10	Associations between a Single Nucleotide Polymorphism of theFTOGene (rs9939609) and Obesity-Related Characteristics over Time during Puberty in a Dutch Children Cohort. Journal of Clinical Endocrinology and Metabolism, 2011, 96, E939-E942.	1.8	49
11	Acute effects of breakfasts containing Î±-lactalbumin, or gelatin with or without added tryptophan, on hunger, â€˜satietyâ€™ hormones and amino acid profiles. British Journal of Nutrition, 2009, 101, 1859-1866.	1.2	43
12	Effects of Oral Ingestion of Amino Acids and Proteins on the Somatotropic Axis. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 584-590.	1.8	34
13	Hypothalamicâ€“Pituitaryâ€“Adrenal (HPA) axis functioning in relation to body fat distribution. Clinical Endocrinology, 2010, 72, 738-743.	1.2	34
14	Hydroxycitric acid delays intestinal glucose absorption in rats. American Journal of Physiology - Renal Physiology, 2005, 288, G1144-G1149.	1.6	29
15	In vivo assessment of muscle mitochondrial function in healthy, young males in relation to parameters of aerobic fitness. European Journal of Applied Physiology, 2019, 119, 1799-1808.	1.2	29
16	In vivo assessment of mitochondrial capacity using NIRS in locomotor muscles of young and elderly males with similar physical activity levels. GeroScience, 2020, 42, 299-310.	2.1	29
17	Association between dietary protein and change in body composition among children (EYHS). Clinical Nutrition, 2009, 28, 684-688.	2.3	28
18	Free fatty acid release from vegetable and bovine milk fat-based infant formulas and human milk during two-phasein vitrodigestion. Food and Function, 2019, 10, 2102-2113.	2.1	27

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19	The MemTrax Test Compared to the Montreal Cognitive Assessment Estimation of Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2019, 67, 1045-1054.	1.2	23
20	Genetic associations with acute stress-related changes in eating in the absence of hunger. Patient Education and Counseling, 2010, 79, 367-371.	1.0	22
21	Association between intake of dietary protein and 3-year-change in body growth among normal and overweight 6-year-old boys and girls (CoSCIS). Public Health Nutrition, 2010, 13, 647.	1.1	21
22	Hyperactivity of the HPA axis is related to dietary restraint in normal weight women. Physiology and Behavior, 2009, 96, 315-319.	1.0	20
23	Pharmacological and Physiological Growth Hormone (GH) Stimulation Tests to Predict Successful GH Therapy in Children. Journal of Pediatric Endocrinology and Metabolism, 2009, 22, 679-94.	0.4	16
24	Intramuscular shortâ€chain acylcarnitines in elderly people are decreased in (preâ€)frail females, but not in males. FASEB Journal, 2020, 34, 11658-11671.	0.2	16
25	Propionate hampers differentiation and modifies histone propionylation and acetylation in skeletal muscle cells. Mechanisms of Ageing and Development, 2021, 196, 111495.	2.2	15
26	Comparison of the effects of three different (-)-hydroxycitric acid preparations on food intake in rats. Nutrition and Metabolism, 2005, 2, 23.	1.3	12
27	Somatotropic responses to soy protein alone and as part of a meal.. European Journal of Endocrinology, 2008, 159, 15-18.	1.9	11
28	Increased protein propionylation contributes to mitochondrial dysfunction in liver cells and fibroblasts, but not in myotubes. Journal of Inherited Metabolic Disease, 2021, 44, 438-449.	1.7	11
29	Associations between anthropometrical measurements, body composition, single-nucleotide polymorphisms of the hypothalamus/pituitary/adrenal (HPA) axis and HPA axis functioning. Clinical Endocrinology, 2011, 74, 679-686.	1.2	10
30	Application of Volatile Organic Compound Analysis in a Nutritional Intervention Study: Differential Responses during Five Hours Following Consumption of a Highâ€and a Lowâ€Fat Dairy Drink. Molecular Nutrition and Food Research, 2019, 63, 1900189.	1.5	10
31	Muscle mitochondrial capacity in highâ€and lowâ€fitness females using nearâ€infrared spectroscopy. Physiological Reports, 2021, 9, e14838.	0.7	10
32	Extracellular flux analyses reveal differences in mitochondrial PBMC metabolism between high-fit and low-fit females. American Journal of Physiology - Endocrinology and Metabolism, 2022, 322, E141-E153.	1.8	8
33	Matrisome, innervation and oxidative metabolism affected in older compared with younger males with similar physical activity. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 1214-1231.	2.9	7
34	Nutrigenomics of Body Weight Regulation: A Rationale for Careful Dissection of Individual Contributors. Nutrients, 2014, 6, 4531-4551.	1.7	6
35	Metabolic effects of the dietary monosaccharides fructose, fructoseâ€“glucose, or glucose in mice fed a starchâ€containing moderate highâ€“fat diet. Physiological Reports, 2020, 8, e14350.	0.7	6
36	The Effect of a Single Bout of Exercise on Vitamin B2 Status Is Not Different between High- and Low-Fit Females. Nutrients, 2021, 13, 4097.	1.7	4

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37	Comparison of 2 diets with either 25 or 10 energy% gelatin on energy expenditure, substrate balances and appetite profile. European E-journal of Clinical Nutrition and Metabolism, 2009, 4, e329-e336.	0.4	3
38	Growth hormone responses to ingestion of soyprotein with or without fat and/or carbohydrate in humans. European E-journal of Clinical Nutrition and Metabolism, 2009, 4, e239-e244.	0.4	2
39	The Effect of Partly Replacing Vegetable Fat with Bovine Milk Fat in Infant Formula on Postprandial Lipid and Energy Metabolism: A Proofâ€ofâ€principle Study in Healthy Young Male Adults. Molecular Nutrition and Food Research, 2021, 65, 2000848.	1.5	2
40	Energy Metabolism and Diet. Nutrients, 2021, 13, 1907.	1.7	1