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	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
2	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
3	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
4	Muscle mitochondrial capacity in highâ€and lowâ€fitness females using nearâ€infrared spectroscopy. Physiological Reports, 2021, 9, e14838.	0.7	10
5	Energy Metabolism and Diet. Nutrients, 2021, 13, 1907.	1.7	1
6	Propionate hampers differentiation and modifies histone propionylation and acetylation in skeletal muscle cells. Mechanisms of Ageing and Development, 2021, 196, 111495.	2.2	15
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	Nutrigenomics of Body Weight Regulation: A Rationale for Careful Dissection of Individual Contributors. Nutrients, 2014, 6, 4531-4551.	1.7	6
18	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

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19	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
20	Hypothalamicâ€“Pituitaryâ€“Adrenal (HPA) axis functioning in relation to body fat distribution. Clinical Endocrinology, 2010, 72, 738-743.	1.2	34
21	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
22	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
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	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
25	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
26	Association between dietary protein and change in body composition among children (EYHS). Clinical Nutrition, 2009, 28, 684-688.	2.3	28
27	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
28	Acute Stressâ€related Changes in Eating in the Absence of Hunger. Obesity, 2009, 17, 72-77.	1.5	221
29	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
30	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
31	Hyperactivity of the HPA axis is related to dietary restraint in normal weight women. Physiology and Behavior, 2009, 96, 315-319.	1.0	20
32	Dose-dependent satiating effect of whey relative to casein or soy. Physiology and Behavior, 2009, 96, 675-682.	1.0	224
33	Effects of complete whey-protein breakfasts versus whey without GMP-breakfasts on energy intake and satiety. Appetite, 2009, 52, 388-395.	1.8	77
34	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
35	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
36	The hypothalamic-pituitary-adrenal-axis in the regulation of energy balance. Physiology and Behavior, 2008, 94, 169-177.	1.0	224

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37	Somatotropic responses to soy protein alone and as part of a meal.. European Journal of Endocrinology, 2008, 159, 15-18.	1.9	11
38	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
39	Hydroxycitric acid delays intestinal glucose absorption in rats. American Journal of Physiology - Renal Physiology, 2005, 288, G1144-G1149.	1.6	29
40	Comparison of the effects of three different (-)-hydroxycitric acid preparations on food intake in rats. Nutrition and Metabolism, 2005, 2, 23.	1.3	12