

Ahmed El-Sohemy

List of Publications by Citations

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168
papers

5,402
citations

44
h-index

66
g-index

177
ext. papers

6,123
ext. citations

4.7
avg, IF

5.83
L-index

#	Paper	IF	Citations
168	Coffee, CYP1A2 genotype, and risk of myocardial infarction. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 295, 1135-41	27.4	309
167	Nutrigenetics and nutrigenomics: viewpoints on the current status and applications in nutrition research and practice. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2011 , 4, 69-89		192
166	Genetic variation in taste and its influence on food selection. <i>OMICS A Journal of Integrative Biology</i> , 2009 , 13, 69-80	3.8	189
165	Genetic polymorphism of the adenosine A2A receptor is associated with habitual caffeine consumption. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 240-4	7	166
164	Comprehensive profiling of plasma fatty acid concentrations in young healthy Canadian adults. <i>PLoS ONE</i> , 2015 , 10, e0116195	3.7	155
163	Individual carotenoid concentrations in adipose tissue and plasma as biomarkers of dietary intake. <i>American Journal of Clinical Nutrition</i> , 2002 , 76, 172-9	7	143
162	Geraniol and beta-ionone inhibit proliferation, cell cycle progression, and cyclin-dependent kinase 2 activity in MCF-7 breast cancer cells independent of effects on HMG-CoA reductase activity. <i>Biochemical Pharmacology</i> , 2004 , 68, 1739-47	6	107
161	Genetic variation in TAS1R2 (Ile191Val) is associated with consumption of sugars in overweight and obese individuals in 2 distinct populations. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1501-10	7	101
160	Polymorphisms in FADS1 and FADS2 alter desaturase activity in young Caucasian and Asian adults. <i>Molecular Genetics and Metabolism</i> , 2011 , 103, 171-8	3.7	97
159	Epigallocatechin-3-gallate increases the formation of mineralized bone nodules by human osteoblast-like cells. <i>Journal of Nutritional Biochemistry</i> , 2007 , 18, 341-7	6.3	92
158	Type 2 diabetes mellitus and inflammation: Prospects for biomarkers of risk and nutritional intervention. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2010 , 3, 173-86	3.4	90
157	Caffeine, CYP1A2 Genotype, and Endurance Performance in Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1570-1578	1.2	86
156	Mevalonate promotes the growth of tumors derived from human cancer cells in vivo and stimulates proliferation in vitro with enhanced cyclin-dependent kinase-2 activity. <i>Journal of Biological Chemistry</i> , 2004 , 279, 33079-84	5.4	82
155	Coffee, caffeine, and coronary heart disease. <i>Current Opinion in Lipidology</i> , 2007 , 18, 13-9	4.4	80
154	Genetic variation related to caffeine metabolism or response during exercise. <i>Journal of the International Society of Sports Nutrition</i> , 2015 , 12,	4.5	78
153	Statins and cancer development. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 1897-8	4	76
152	Disclosure of genetic information and change in dietary intake: a randomized controlled trial. <i>PLoS ONE</i> , 2014 , 9, e112665	3.7	76

151	Genetic variant in the glucose transporter type 2 is associated with higher intakes of sugars in two distinct populations. <i>Physiological Genomics</i> , 2008 , 33, 355-60	3.6	75
150	Coffee, caffeine, and coronary heart disease. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007 , 10, 745-51	3.8	73
149	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017 , 12, 35	4.3	72
148	Vitamin C deficiency in a population of young Canadian adults. <i>American Journal of Epidemiology</i> , 2009 , 170, 464-71	3.8	72
147	GSTT1 genotype modifies the association between cruciferous vegetable intake and the risk of myocardial infarction. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 752-8	7	72
146	Nutrigenetics and modulation of oxidative stress. <i>Annals of Nutrition and Metabolism</i> , 2012 , 60 Suppl 3, 27-36	4.5	70
145	Vitamins D, C, and E in the prevention of type 2 diabetes mellitus: modulation of inflammation and oxidative stress. <i>Biologics: Targets and Therapy</i> , 2011 , 5, 7-19	4.4	67
144	A randomized trial of genetic information for personalized nutrition. <i>Genes and Nutrition</i> , 2012 , 7, 559-66	4.3	66
143	Genetic variation in putative salt taste receptors and salt taste perception in humans. <i>Chemical Senses</i> , 2013 , 38, 137-45	4.8	64
142	Does caffeine alter muscle carbohydrate and fat metabolism during exercise?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 1311-8	3	63
141	Associations between polymorphisms in the AHR and CYP1A1-CYP1A2 gene regions and habitual caffeine consumption. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 665-71	7	62
140	Functional genetic variants of glutathione S-transferase protect against serum ascorbic acid deficiency. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 1411-7	7	61
139	The CYP1A2 genotype modifies the association between coffee consumption and breast cancer risk among BRCA1 mutation carriers. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2007 , 16, 912-6	4	61
138	Genetic polymorphism of CYP1A2 increases the risk of myocardial infarction. <i>Journal of Medical Genetics</i> , 2004 , 41, 758-62	5.8	60
137	The effect of dietary n-3 and n-6 polyunsaturated fatty acids on the expression of cyclooxygenase 1 and 2 and levels of p21ras in rat mammary glands. <i>Carcinogenesis</i> , 1998 , 19, 905-10	4.6	59
136	Variation in the TAS1R2 Gene, Sweet Taste Perception and Intake of Sugars. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2015 , 8, 81-90		55
135	Plasma vitamin D levels and risk of metabolic syndrome in Canadians. <i>Clinical and Investigative Medicine</i> , 2011 , 34, E377	0.9	54
134	Caffeine and 3-km cycling performance: Effects of mouth rinsing, genotype, and time of day. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016 , 26, 613-9	4.6	52

133	Vitamin C transporter gene polymorphisms, dietary vitamin C and serum ascorbic acid. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009 , 2, 292-301		48
132	Population-based study of alpha- and gamma-tocopherol in plasma and adipose tissue as biomarkers of intake in Costa Rican adults. <i>American Journal of Clinical Nutrition</i> , 2001 , 74, 356-63	7	48
131	Association of GLUT2 and TAS1R2 genotypes with risk for dental caries. <i>Caries Research</i> , 2013 , 47, 219-25.	2.2	47
130	Genetic polymorphisms of innate immunity-related inflammatory pathways and their association with factors related to type 2 diabetes. <i>BMC Medical Genetics</i> , 2011 , 12, 95	2.1	47
129	Dietary patterns and ethnicity are associated with distinct plasma proteomic groups. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 352-61	7	47
128	Plasma levels of 14:0, 16:0, 16:1n-7, and 20:3n-6 are positively associated, but 18:0 and 18:2n-6 are inversely associated with markers of inflammation in young healthy adults. <i>Lipids</i> , 2014 , 49, 255-63	1.6	46
127	1,25-dihydroxyvitamin D3 regulates expression of sex steroid receptors in human uterine fibroid cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E572-82	5.6	45
126	Genetic polymorphisms of tumor necrosis factor-alpha modify the association between dietary polyunsaturated fatty acids and fasting HDL-cholesterol and apo A-I concentrations. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 768-74	7	45
125	Comparison of body mass index and waist circumference as predictors of cardiometabolic health in a population of young Canadian adults. <i>Diabetology and Metabolic Syndrome</i> , 2010 , 2, 28	5.6	44
124	Toward the Definition of Personalized Nutrition: A Proposal by The American Nutrition Association. <i>Journal of the American College of Nutrition</i> , 2020 , 39, 5-15	3.5	43
123	Haptoglobin genotype modifies the association between dietary vitamin C and serum ascorbic acid deficiency. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1494-500	7	42
122	Regulation of HMG-CoA reductase in MCF-7 cells by genistein, EPA, and DHA, alone and in combination with mevastatin. <i>Cancer Letters</i> , 2005 , 224, 221-8	9.9	42
121	Regulation of osteoblast and adipocyte differentiation from human mesenchymal stem cells by conjugated linoleic acid. <i>Journal of Nutritional Biochemistry</i> , 2009 , 20, 956-64	6.3	41
120	The Micronutrient Genomics Project: a community-driven knowledge base for micronutrient research. <i>Genes and Nutrition</i> , 2010 , 5, 285-96	4.3	40
119	Opioid receptor mu 1 gene, fat intake and obesity in adolescence. <i>Molecular Psychiatry</i> , 2014 , 19, 63-8	15.1	39
118	Caffeine: Friend or Foe?. <i>Annual Review of Food Science and Technology</i> , 2016 , 7, 117-37	14.7	38
117	Effects of dietary conjugated linoleic acid on the expression of uncoupling proteins in mice and rats. <i>Lipids</i> , 2002 , 37, 853-61	1.6	35
116	Cost-effectiveness analysis of MTHFR polymorphism screening by polymerase chain reaction in Korean patients with rheumatoid arthritis receiving methotrexate. <i>Journal of Rheumatology</i> , 2006 , 33, 1266-74	4.1	35

115	Sport Nutrigenomics: Personalized Nutrition for Athletic Performance. <i>Frontiers in Nutrition</i> , 2019 , 6, 8	6.2	34
114	genotype, dietary protein intake, and body weight in a multiethnic population of young adults: a cross-sectional study. <i>Genes and Nutrition</i> , 2018 , 13, 4	4.3	34
113	Enzymatic activity and genetic variation in SCD1 modulate the relationship between fatty acids and inflammation. <i>Molecular Genetics and Metabolism</i> , 2012 , 105, 421-7	3.7	34
112	Nutrigenomics of taste - impact on food preferences and food production. <i>Forum of Nutrition</i> , 2007 , 60, 176-182		34
111	Tumor necrosis factor alpha -238G>A genotype alters postprandial plasma levels of free fatty acids in obese individuals with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 649-55 ^{12.7}		32
110	Perceptions of genetic testing for personalized nutrition: a randomized trial of DNA-based dietary advice. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2014 , 7, 94-104		31
109	High coffee intake, but not caffeine, is associated with reduced estrogen receptor negative and postmenopausal breast cancer risk with no effect modification by CYP1A2 genotype. <i>Nutrition and Cancer</i> , 2013 , 65, 398-409	2.8	30
108	NF-kappaB -94Ins/Del ATTG polymorphism modifies the association between dietary polyunsaturated fatty acids and HDL-cholesterol in two distinct populations. <i>Atherosclerosis</i> , 2009 , 204, 465-70	3.1	30
107	Variation in the FADS1/2 gene cluster alters plasma n-6 PUFA and is weakly associated with hsCRP levels in healthy young adults. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2013 , 89, 257-63	2.8	29
106	Ethnicity, sex, FADS genetic variation, and hormonal contraceptive use influence delta-5- and delta-6-desaturase indices and plasma docosahexaenoic acid concentration in young Canadian adults: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2015 , 12, 14	4.6	29
105	Nutrigenetics. <i>Forum of Nutrition</i> , 2007 , 60, 25-30		29
104	Frequent intake of tropical fruits that are rich in beta-cryptoxanthin is associated with higher plasma beta-cryptoxanthin concentrations in Costa Rican adolescents. <i>Journal of Nutrition</i> , 2002 , 132, 3161-7	4.1	29
103	Circulating plant miRNAs can regulate human gene expression in vitro. <i>Scientific Reports</i> , 2016 , 6, 32773	4.9	27
102	Polymorphisms in Toll-like receptor 4 are associated with factors of the metabolic syndrome and modify the association between dietary saturated fat and fasting high-density lipoprotein cholesterol. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 1131-5	12.7	27
101	Recalled taste intensity, liking and habitual intake of commonly consumed foods. <i>Appetite</i> , 2017 , 109, 182-189	4.5	26
100	Plasma vitamin D and biomarkers of cardiometabolic disease risk in adult Canadians, 2007-2009. <i>Preventing Chronic Disease</i> , 2013 , 10, E91	3.7	26
99	Maternal Choline Status, but Not Fetal Genotype, Influences Cord Plasma Choline Metabolite Concentrations. <i>Journal of Nutrition</i> , 2015 , 145, 1491-7	4.1	25
98	Impact of genetic and environmental determinants of taste with food preferences in older adults. <i>Journal of Nutrition in Gerontology and Geriatrics</i> , 2008 , 27, 267-76		25

97	Effect of Current Dietary Recommendations on Weight Loss and Cardiovascular Risk Factors. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1103-1112	15.1	24
96	Dopamine D2 receptor genotype (C957T) and habitual consumption of sugars in a free-living population of men and women. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009 , 2, 235-42		24
95	Glutathione S-transferase genotype and risk of systemic lupus erythematosus in Koreans. <i>Lupus</i> , 2005 , 14, 381-4	2.6	24
94	Regulation of mevalonate synthesis in low density lipoprotein receptor knockout mice fed n-3 or n-6 polyunsaturated fatty acids. <i>Lipids</i> , 1999 , 34, 1037-43	1.6	24
93	Cyclooxygenase-2 inhibitor celecoxib inhibits promotion of mammary tumorigenesis in rats fed a high fat diet rich in n-6 polyunsaturated fatty acids. <i>Cancer Letters</i> , 2002 , 184, 7-12	9.9	23
92	Inhibition of N-methyl-N-nitrosourea- and 7,12-dimethylbenz[a] anthracene-induced rat mammary tumorigenesis by dietary cholesterol is independent of Ha-Ras mutations. <i>Carcinogenesis</i> , 2000 , 21, 827-31	4.6	23
91	Statins and the risk of cancer. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 295, 2720; author reply 2721-2	27.4	22
90	Genetic polymorphisms of tumor necrosis factor-alpha modify the association between dietary polyunsaturated fatty acids and plasma high-density lipoprotein-cholesterol concentrations in a population of young adults. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2008 , 1, 215-23		21
89	Dietary patterns in an ethnoculturally diverse population of young Canadian adults. <i>Canadian Journal of Dietetic Practice and Research</i> , 2011 , 72, e161-8	1.3	20
88	Coffee, CYP1A2 genotype and risk of myocardial infarction. <i>Genes and Nutrition</i> , 2007 , 2, 155-6	4.3	20
87	Catalase and PPARgamma2 genotype and risk of rheumatoid arthritis in Koreans. <i>Rheumatology International</i> , 2006 , 26, 388-92	3.6	20
86	TAS2R38 genotypes and phenylthiocarbamide bitter taste perception in a population of young adults. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2009 , 2, 251-6		19
85	Effect of nitrous oxide exposure during surgery on the homocysteine concentrations of children. <i>Anesthesiology</i> , 2012 , 117, 15-21	4.3	19
84	Glutathione S-transferase M1, T1, and P1 genotypes and rheumatoid arthritis. <i>Journal of Rheumatology</i> , 2005 , 32, 992-7	4.1	19
83	Isomer-specific effects of conjugated linoleic acid on mineralized bone nodule formation from human osteoblast-like cells. <i>Experimental Biology and Medicine</i> , 2007 , 232, 246-52	3.7	19
82	Prevalence of cilantro (<i>Coriandrum sativum</i>) disliking among different ethnocultural groups. <i>Flavour</i> , 2012 , 1,		18
81	The association between obesity, cardiometabolic disease biomarkers, and innate immunity-related inflammation in Canadian adults. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2012 , 5, 347-55	3.4	17
80	Lactose Intolerance (-13910C>T) Genotype Is Associated with Plasma 25-Hydroxyvitamin D Concentrations in Caucasians: A Mendelian Randomization Study. <i>Journal of Nutrition</i> , 2017 , 147, 1063-1069	4.1	16

79	Gluten Intake Is Positively Associated with Plasma α -Macroglobulin in Young Adults. <i>Journal of Nutrition</i> , 2015 , 145, 1256-62	4.1	16
78	Glutathione S-transferase M1, T1, and P1 gene polymorphisms and carotid atherosclerosis in Korean patients with rheumatoid arthritis. <i>Rheumatology International</i> , 2004 , 24, 157-63	3.6	16
77	Dietary and adipose tissue gamma-tocopherol and risk of myocardial infarction. <i>Epidemiology</i> , 2002 , 13, 216-23	3.1	16
76	The single nucleotide polymorphism CRTh2 rs533116 is associated with allergic asthma and increased expression of CRTh2. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2012 , 67, 1357-64	9.3	15
75	Association between circulating ascorbic acid, α -tocopherol, 25-hydroxyvitamin D, and plasma cytokine concentrations in young adults: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2012 , 9, 102	4.6	15
74	Novel effects of hormonal contraceptive use on the plasma proteome. <i>PLoS ONE</i> , 2012 , 7, e45162	3.7	14
73	Effects of polymorphisms in nucleotide-binding oligomerization domains 1 and 2 on biomarkers of the metabolic syndrome and type II diabetes. <i>Genes and Nutrition</i> , 2012 , 7, 427-35	4.3	14
72	The Effect of the CYP1A2 $\text{rs}2262$ C > A Polymorphism on Caffeine Metabolism and Subsequent Cycling Performance. <i>Journal of Caffeine and Adenosine Research</i> , 2018 , 8, 65-70	1.6	13
71	Genetic determinants of dietary antioxidant status. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 108, 179-200	4	13
70	Effects of 9cis,11trans and 10trans,12cis CLA on osteoclast formation and activity from human CD14+ monocytes. <i>Lipids in Health and Disease</i> , 2009 , 8, 15	4.4	13
69	Catalase and PPARgamma2 genotype and risk of systemic lupus erythematosus in Koreans. <i>Lupus</i> , 2005 , 14, 351-5	2.6	13
68	ABO genotype, blood-typePdiet and cardiometabolic risk factors. <i>PLoS ONE</i> , 2014 , 9, e84749	3.7	13
67	Plasma 25-hydroxyvitamin D, hormonal contraceptive use, and cardiometabolic disease risk in an ethnically diverse population of young adults. <i>Journal of the American College of Nutrition</i> , 2013 , 32, 296-306	3.5	12
66	Interactions between hepatic lipase and apolipoprotein E gene polymorphisms affect serum lipid profiles of healthy Canadian adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008 , 33, 761-8	3	12
65	Dietary factors and the regulation of 3-hydroxy-3-methylglutaryl coenzyme A reductase: implications for breast cancer and development. <i>Molecular Nutrition and Food Research</i> , 2005 , 49, 93-100	5.9	12
64	Plasma concentration of cis9trans11 CLA in males and females is influenced by SCD1 genetic variations and hormonal contraceptives: a cross-sectional study. <i>Nutrition and Metabolism</i> , 2013 , 10, 50	4.6	11
63	Ethnic- and sex-specific associations between plasma fatty acids and markers of insulin resistance in healthy young adults. <i>Nutrition and Metabolism</i> , 2013 , 10, 42	4.6	11
62	Applying genomics to nutrition and lifestyle modification. <i>Personalized Medicine</i> , 2012 , 9, 739-749	2.2	11

61	Association between the plasma proteome and plasma folic acid concentrations in humans. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 396-400	6.3	11
60	Moving towards Specific Nutrigenetic Recommendation Algorithms: Caffeine, Genetic Variation and Cardiovascular Risk. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2016 , 9, 106-115		10
59	Hormonal contraceptive use and prevalence of premenstrual symptoms in a multiethnic Canadian population. <i>BMC Women's Health</i> , 2017 , 17, 87	2.9	9
58	Association between the plasma proteome and serum ascorbic acid concentrations in humans. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 842-7	6.3	9
57	Fourteen well-described caffeine withdrawal symptoms factor into three clusters. <i>Psychopharmacology</i> , 2009 , 201, 541-8	4.7	9
56	Statins and cancer. <i>Epidemiology</i> , 2007 , 18, 520; author reply 520-1	3.1	9
55	Genetic variation in the vitamin D receptor, plasma 25-hydroxyvitamin D, and biomarkers of cardiometabolic disease in Caucasian young adults. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2013 , 6, 256-67		8
54	Catechol-O-Methyltransferase Genotype Is Associated with Self-Reported Increased Heart Rate Following Caffeine Consumption. <i>Journal of Caffeine Research</i> , 2011 , 1, 123-130		8
53	The TNF-alpha-238G > a single-nucleotide polymorphism protects against memory decline in older adults with type 2 diabetes. <i>Behavioral Neuroscience</i> , 2007 , 121, 619-24	2.1	8
52	Association between Vitamin D Status and Premenstrual Symptoms. <i>Journal of the Academy of Nutrition and Dietetics</i> , 2019 , 119, 115-123	3.9	8
51	Plasma 25-hydroxyvitamin D, hormonal contraceptive use, and the plasma proteome in Caucasian, East Asian, and South Asian young adults. <i>Journal of Proteome Research</i> , 2013 , 12, 1797-807	5.6	7
50	Goals in Nutrition Science 2020-2025. <i>Frontiers in Nutrition</i> , 2020 , 7, 606378	6.2	7
49	Retraction: Circulating plant miRNAs can regulate human gene expression in vitro. <i>Scientific Reports</i> , 2017 , 7, 46826	4.9	6
48	Positive association between 25-hydroxyvitamin D and C-reactive protein is confounded by hormonal contraceptive use. <i>Journal of Women's Health</i> , 2013 , 22, 417-25	3	6
47	CYP1A2 genotype and rheumatoid arthritis in Koreans. <i>Rheumatology International</i> , 2010 , 30, 1349-54	3.6	6
46	Effect of Caffeine on Endurance Performance in Athletes May Depend on HTR2A and CYP1A2 Genotypes. <i>Journal of Strength and Conditioning Research</i> , 2020 ,	3.2	6
45	Investigating Gene-Gene and Gene-Environment Interactions in the Association Between Overnutrition and Obesity-Related Phenotypes. <i>Frontiers in Genetics</i> , 2019 , 10, 151	4.5	5
44	Prevalence of positive coeliac disease serology and HLA risk genotypes in a multiethnic population of adults in Canada: a cross-sectional study. <i>BMJ Open</i> , 2017 , 7, bmjopen-2017-017678	3	5

43	Cyclooxygenase-2 polymorphisms and risk of systemic lupus erythematosus in Koreans. <i>Rheumatology International</i> , 2006 , 27, 1-5	3.6	5
42	A common polymorphism near the interleukin-6 gene modifies the association between dietary fat intake and insulin sensitivity. <i>Journal of Inflammation Research</i> , 2012 , 5, 1-6	4.8	4
41	Literature search and review related to specific preparatory work in the establishment of Dietary References Values for Thiamin, Pantothenic Acid and Choline. <i>EFSA Supporting Publications</i> , 2013 , 10,	1.1	4
40	Biomarkers of cardiometabolic health and nutritional status in individuals with positive celiac disease serology. <i>Nutrition and Health</i> , 2018 , 24, 37-45	2.1	3
39	Glutathione S-transferase (GST) M1, but not GSTT1, genotype influences plasma proteomic profiles in Caucasian and East Asian young adults. <i>Journal of Proteome Research</i> , 2012 , 11, 5022-33	5.6	3
38	Postprandial effects of almond consumption on human osteoclast precursors--an ex vivo study. <i>Metabolism: Clinical and Experimental</i> , 2011 , 60, 923-9	12.7	3
37	The Genetic Determinants of Ingestive Behavior: Sensory, Energy Homeostasis and Food Reward Aspects of Ingestive Behavior 2010 , 149-160		3
36	Delivery of mevalonate to murine extrahepatic tissues via mini-osmotic pumps. <i>Journal of Pharmacological and Toxicological Methods</i> , 2004 , 50, 139-43	1.7	3
35	Genetics of Iron Metabolism and Premenstrual Symptoms: A Mendelian Randomization Study. <i>Journal of Nutrition</i> , 2021 , 151, 1747-1754	4.1	3
34	The Association between Plasma Omega-6/Omega-3 Ratio and Anthropometric Traits Differs by Racial/Ethnic Groups and Genotypes in Healthy Young Adults. <i>Journal of Personalized Medicine</i> , 2019 , 9,	3.6	3
33	Genetic variant in the βadrenergic receptor (Arg16Gly) influences fat-free mass, muscle strength and motor unit behaviour in young men. <i>Experimental Physiology</i> , 2018 , 103, 1645-1655	2.4	3
32	Genetic variation in 9p21 is associated with fasting insulin in women but not men. <i>PLoS ONE</i> , 2018 , 13, e0202365	3.7	3
31	CYP1A2 Genotype Modifies the Effects of Caffeine Compared With Placebo on Muscle Strength in Competitive Male Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2021 , 1-7	4.4	3
30	Only DNA-based dietary advice improved adherence to the Mediterranean diet score. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 770	7	2
29	Circulating concentrations and relative percent composition of trans fatty acids in healthy Canadian young adults between 2004 and 2010: a cross-sectional study. <i>CMAJ Open</i> , 2017 , 5, E130-E136	2.5	2
28	Association Between Caffeine Intake and the Plasma Proteome in Humans. <i>Journal of Caffeine Research</i> , 2013 , 3, 175-181		2
27	HFE Genotype and Endurance Performance in Competitive Male Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 1385-1390	1.2	2
26	Nutrition, genetic variation and male fertility. <i>Translational Andrology and Urology</i> , 2021 , 10, 1410-1431	2.3	2

25	Recent advances and current controversies in genetic testing for personalized nutrition. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021 , 24, 289-295	3.8	2
24	The modifying effect of nutritional factors on the association between IL1-β single nucleotide polymorphism and serum CXCL10 levels in young Canadian adults. <i>Nutrition and Health</i> , 2020 , 26, 151-159 ¹	3.1	1
23	ABO Genotype Does Not Modify the Association between the "Blood-Type" Diet and Biomarkers of Cardiometabolic Disease in Overweight Adults. <i>Journal of Nutrition</i> , 2018 , 148, 518-525	4.1	1
22	Genetic Variation in 9p21 and the Plasma Proteome. <i>Journal of Proteome Research</i> , 2018 , 17, 2649-2656	5.6	1
21	Reply to F Imamura. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 1071-1071	7	1
20	Microsomal epoxide hydrolase genotype and risk of myocardial infarction. <i>Archives of Toxicology</i> , 2007 , 81, 641-5	5.8	1
19	Effects of n-3 and n-6 polyunsaturated fatty acids on 3-hydroxy-3-methylglutaryl-CoA reductase in liver and mammary glands of low density lipoprotein-receptor knockout mice. <i>Lipids</i> , 1999 , 34 Suppl, S135	1.6	1
18	SVCT1 and SVCT2 Genotypes Modify the Association between Dietary Vitamin C and Serum Ascorbic Acid Concentrations in Men. <i>FASEB Journal</i> , 2008 , 22, 157.8	0.9	1
17	Arginine Silicate Supplementation Decreases Markers of Cardiovascular, Renal and Metabolic Dysfunction and Increases Markers of Vasodilation and Cardiovascular Health in Healthy Adult Males. <i>FASEB Journal</i> , 2015 , 29, 748.2	0.9	1
16	Neither low salivary amylase activity, cooling cooked white rice, nor single nucleotide polymorphisms in starch-digesting enzymes reduce glycemic index or starch digestibility: a randomized, crossover trial in healthy adults. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1633-1645	7	1
15	Soy Consumption, but Not Dairy Consumption, Is Inversely Associated with Fatty Acid Desaturase Activity in Young Adults. <i>Nutrients</i> , 2021 , 13,	6.7	1
14	Caffeine, genetic variation and anaerobic performance in male athletes: a randomized controlled trial. <i>European Journal of Applied Physiology</i> , 2021 , 121, 3499-3513	3.4	1
13	Variation in the vitamin D receptor gene, plasma 25-hydroxyvitamin D, and risk of premenstrual symptoms. <i>Genes and Nutrition</i> , 2021 , 16, 15	4.3	1
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9	Effect of Nitrous Oxide Exposure During Surgery on the Homocysteine Concentrations of Children. <i>Survey of Anesthesiology</i> , 2013 , 57, 31		
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