

Jim Kaput

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.

65

papers

1,828

citations

22

h-index

42

g-index

77

ext. papers

2,053

ext. citations

4.3

avg, IF

4.65

L-index

#	Paper	IF	Citations
65	Nutritional genomics: the next frontier in the postgenomic era. <i>Physiological Genomics</i> , 2004 , 16, 166-77	3.6	239
64	Similarities and differences in the expression of drug-metabolizing enzymes between human hepatic cell lines and primary human hepatocytes. <i>Drug Metabolism and Disposition</i> , 2011 , 39, 528-38	4	213
63	Challenging homeostasis to define biomarkers for nutrition related health. <i>Molecular Nutrition and Food Research</i> , 2009 , 53, 795-804	5.9	121
62	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , 2005 , 94, 623-32	3.6	112
61	B vitamin polymorphisms and behavior: evidence of associations with neurodevelopment, depression, schizophrenia, bipolar disorder and cognitive decline. <i>Neuroscience and Biobehavioral Reviews</i> , 2014 , 47, 307-20	9	90
60	Nutrigenomics research for personalized nutrition and medicine. <i>Current Opinion in Biotechnology</i> , 2008 , 19, 110-20	11.4	87
59	Diet-disease gene interactions. <i>Nutrition</i> , 2004 , 20, 26-31	4.8	73
58	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017 , 12, 35	4.3	72
57	Challenges of molecular nutrition research 6: the nutritional phenotype database to store, share and evaluate nutritional systems biology studies. <i>Genes and Nutrition</i> , 2010 , 5, 189-203	4.3	58
56	Assessment of dietary intake: NuGO symposium report. <i>Genes and Nutrition</i> , 2010 , 5, 205-13	4.3	52
55	Lipid level and type alter stearyl CoA desaturase mRNA abundance differently in mice with distinct susceptibilities to diet-influenced diseases. <i>Journal of Nutrition</i> , 1997 , 127, 566-73	4.1	49
54	The Micronutrient Genomics Project: a community-driven knowledge base for micronutrient research. <i>Genes and Nutrition</i> , 2010 , 5, 285-96	4.3	40
53	Gene expression variability in human hepatic drug metabolizing enzymes and transporters. <i>PLoS ONE</i> , 2013 , 8, e60368	3.7	37
52	Application of nutrigenomic concepts to Type 2 diabetes mellitus. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007 , 17, 89-103	4.5	36
51	Nutrigenomics: concepts and applications to pharmacogenomics and clinical medicine. <i>Pharmacogenomics</i> , 2007 , 8, 369-90	2.6	32
50	Nutrition in the genomics era: cardiovascular disease risk and the Mediterranean diet. <i>Molecular Nutrition and Food Research</i> , 2007 , 51, 1293-9	5.9	30
49	Identification of genes contributing to the obese yellow Avy phenotype: caloric restriction, genotype, diet x genotype interactions. <i>Physiological Genomics</i> , 2004 , 18, 316-24	3.6	28

48	Perspective: a systems approach to diabetes research. <i>Frontiers in Genetics</i> , 2013 , 4, 205	4.5	25
47	Personalizing nutrigenomics research through community based participatory research and omics technologies. <i>OMICS A Journal of Integrative Biology</i> , 2008 , 12, 263-72	3.8	24
46	Diet-disease interactions at the molecular level: an experimental paradigm. <i>Journal of Nutrition</i> , 1994 , 124, 1296S-1305S	4.1	24
45	Web-enabled and improved software tools and data are needed to measure nutrient intakes and physical activity for personalized health research. <i>Journal of Nutrition</i> , 2010 , 140, 2104-15	4.1	20
44	The e subunit gene of murine F1F0-ATP synthase. Genomic sequence, chromosomal mapping, and diet regulation. <i>Journal of Biological Chemistry</i> , 1996 , 271, 20942-8	5.4	20
43	Methylation potential associated with diet, genotype, protein, and metabolite levels in the Delta Obesity Vitamin Study. <i>Genes and Nutrition</i> , 2014 , 9, 403	4.3	19
42	Complexity of type 2 diabetes mellitus data sets emerging from nutrigenomic research: a case for dimensionality reduction?. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2007 , 622, 19-32	3.3	19
41	Harnessing Nutrigenomics: Development of web-based communication, databases, resources, and tools. <i>Genes and Nutrition</i> , 2006 , 1, 5-11	4.3	18
40	Consensus statement understanding health and malnutrition through a systems approach: the ENOUGH program for early life. <i>Genes and Nutrition</i> , 2014 , 9, 378	4.3	17
39	Developing the promise of nutrigenomics through complete science and international collaborations. <i>Forum of Nutrition</i> , 2007 , 60, 209-223		16
38	Decoding the pyramid: a systems-biological approach to nutrigenomics. <i>Annals of the New York Academy of Sciences</i> , 2005 , 1055, 64-79	6.5	16
37	Discovery-based nutritional systems biology: developing N-of-1 nutrigenomic research. <i>International Journal for Vitamin and Nutrition Research</i> , 2012 , 82, 333-41	1.7	15
36	Enabling nutrient security and sustainability through systems research. <i>Genes and Nutrition</i> , 2015 , 10, 462	4.3	13
35	The genomics of micronutrient requirements. <i>Genes and Nutrition</i> , 2015 , 10, 466	4.3	12
34	Genetic associations with micronutrient levels identified in immune and gastrointestinal networks. <i>Genes and Nutrition</i> , 2014 , 9, 408	4.3	11
33	Human Variome Project country nodes: documenting genetic information within a country. <i>Human Mutation</i> , 2012 , 33, 1513-9	4.7	10
32	Readiness of food composition databases and food component analysis systems for nutrigenomics. <i>Journal of Food Composition and Analysis</i> , 2009 , 22, S57-S62	4.1	10
31	Two new ArrayTrack libraries for personalized biomedical research. <i>BMC Bioinformatics</i> , 2010 , 11 Suppl 6, S6	3.6	9

30	Nutrigenomics--2006 update. <i>Clinical Chemistry and Laboratory Medicine</i> , 2007 , 45, 279-87	5.9	9
29	Human nutrition, environment, and health. <i>Genes and Nutrition</i> , 2015 , 10, 489	4.3	7
28	A strategy for analyzing gene-nutrient interactions in type 2 diabetes. <i>Journal of Diabetes Science and Technology</i> , 2009 , 3, 710-21	4.1	7
27	Translational genomics. <i>Applied & Translational Genomics</i> , 2014 , 3, 43-7		6
26	Nutrients and Gene Expression 2006 , 153-176		6
25	Metabolomics: a tool for personalizing medicine?. <i>Personalized Medicine</i> , 2008 , 5, 495-504	2.2	5
24	Assessment of research models for testing gene-environment interactions. <i>European Journal of Pharmacology</i> , 2011 , 668 Suppl 1, S108-16	5.3	4
23	Carbohydrate metabolic pathway genes associated with quantitative trait loci (QTL) for obesity and type 2 diabetes: identification by data mining. <i>Biotechnology Journal</i> , 2010 , 5, 942-9	5.6	4
22	Connecting the Human Variome Project to nutrigenomics. <i>Genes and Nutrition</i> , 2010 , 5, 275-283	4.3	4
21	Enzymes Lose Binding Affinity (Increased Km) for Coenzymes and Substrates with Age: A Strategy for Remediation 2006 , 277-293		4
20	Gene-Gene Epistasis and Gene-Environment Interactions Influence Diabetes and Obesity 2006 , 135-151		4
19	Green Tea Polyphenols and Cancer Prevention 2006 , 177-206		4
18	Nutrient selection through nutrigenomic approaches. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007 , 292, R204-6	3.2	3
17	Maternal Nutrition: Nutrients and Control of Expression 2006 , 219-254		3
16	Gene-Environment Interactions: Defining the Playfield 2006 , 57-84		3
15	Nutrients and Norms: Ethical Issues in Nutritional Genomics 2006 , 419-434		2
14	Genetic and Molecular Buffering of Phenotypes 2006 , 105-134		2
13	Dietary and Genetic Effects on Atherogenic Dyslipidemia 2006 , 295-304		1

- 12 Cultural Humility: A Contribution to Health Professional Education in Nutrigenomics **2006**, 403-417 1
- 11 The Pursuit of Optimal Diets: A Progress Report **2006**, 37-56 1
- 10 An Introduction and Overview of Nutritional Genomics: Application to Type 2 Diabetes and International Nutrigenomics **2006**, 1-35 1
- 9 Diet-Disease Interactions at the Molecular Level **2006**, 23-39 1
- 8 Contribution of genetic ancestry and polygenic risk score in meeting vitamin B12 needs in healthy Brazilian children and adolescents. *Scientific Reports*, **2021**, 11, 11992 4-9 1
- 7 Susceptibility to Exposure to Heterocyclic Amines from Cooked Food: Role of UDP-Glucuronosyltransferases **2006**, 331-352
- 6 Nutrient-Gene Interactions Involving Soy Peptide and Chemopreventive Genes in Prostate Epithelial Cells **2006**, 255-276
- 5 The Informatics and Bioinformatics Infrastructure of a Nutrigenomics Biobank **2006**, 353-374
- 4 Metabolomics: Bringing Nutrigenomics to Practice in Individualized Health Assessment **2006**, 85-104
- 3 Molecular Mechanisms of Longevity Regulation and Calorie Restriction **2006**, 207-218
- 2 Genistein and Polyphenols in the Study of Cancer Prevention: Chemistry, Biology, Statistics, and Experimental Design **2006**, 305-329
- 1 International Efforts on Nutrigenomic Health for Individuals in the Global Community **2007**, 237-260