

Keith Anthony Grimaldi

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.

63

papers

2,191

citations

25

h-index

46

g-index

65

ext. papers

2,530

ext. citations

5.9

avg, IF

4.62

L-index

#	Paper	IF	Citations
63	Beyond weight loss: a review of the therapeutic uses of very-low-carbohydrate (ketogenic) diets. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 789-96	5.2	453
62	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. <i>International Journal of Epidemiology</i> , 2017 , 46, 578-588	7.8	138
61	DNA repair capacity and cisplatin sensitivity of human testis tumour cells. <i>International Journal of Cancer</i> , 1997 , 70, 551-5	7.5	111
60	Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. <i>Genes and Nutrition</i> , 2015 , 10, 450	4.3	109
59	Long term successful weight loss with a combination biphasic ketogenic Mediterranean diet and Mediterranean diet maintenance protocol. <i>Nutrients</i> , 2013 , 5, 5205-17	6.7	103
58	Ketogenic diet does not affect strength performance in elite artistic gymnasts. <i>Journal of the International Society of Sports Nutrition</i> , 2012 , 9, 34	4.5	96
57	Improved weight management using genetic information to personalize a calorie controlled diet. <i>Nutrition Journal</i> , 2007 , 6, 29	4.3	92
56	Nutrition and acne: therapeutic potential of ketogenic diets. <i>Skin Pharmacology and Physiology</i> , 2012 , 25, 111-7	3	76
55	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017 , 12, 35	4.3	72
54	High-Intensity Interval Resistance Training (HIRT) influences resting energy expenditure and respiratory ratio in non-dieting individuals. <i>Journal of Translational Medicine</i> , 2012 , 10, 237	8.5	59
53	A genetic-based algorithm for personalized resistance training. <i>Biology of Sport</i> , 2016 , 33, 117-26	4.3	57
52	The Ketogenic Diet and Sport: A Possible Marriage?. <i>Exercise and Sport Sciences Reviews</i> , 2015 , 43, 153-63.7	6.7	51
51	Effect of ketogenic Mediterranean diet with phytoextracts and low carbohydrates/high-protein meals on weight, cardiovascular risk factors, body composition and diet compliance in Italian council employees. <i>Nutrition Journal</i> , 2011 , 10, 112	4.3	48
50	DNA damage by anti-cancer agents resolved at the nucleotide level of a single copy gene: evidence for a novel binding site for cisplatin in cells. <i>Nucleic Acids Research</i> , 1994 , 22, 2311-7	20.1	48
49	Do we know enough? A scientific and ethical analysis of the basis for genetic-based personalized nutrition. <i>Genes and Nutrition</i> , 2013 , 8, 373-81	4.3	47
48	Effects of n-3 polyunsaturated fatty acids (E3) supplementation on some cardiovascular risk factors with a ketogenic Mediterranean diet. <i>Marine Drugs</i> , 2015 , 13, 996-1009	6	46
47	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 1204-1213	7	40

46	Associations between FTO genotype and total energy and macronutrient intake in adults: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2015 , 16, 666-78	10.6	40
45	Physical activity attenuates the effect of the FTO genotype on obesity traits in European adults: The Food4Me study. <i>Obesity</i> , 2016 , 24, 962-9	8	38
44	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , 2015 , 10, 28	4.3	37
43	DNA damage by anticancer agents and its repair: mapping in cells at the subgene level with quantitative polymerase chain reaction. <i>Analytical Biochemistry</i> , 1994 , 222, 236-42	3.1	36
42	DNA repair in cisplatin-sensitive and resistant human cell lines measured in specific genes by quantitative polymerase chain reaction. <i>Biochemical Pharmacology</i> , 1996 , 52, 1729-34	6	35
41	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the Food4Me randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 827-36	7	34
40	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <i>Nutrients</i> , 2019 , 11,	6.7	29
39	Influence of apoA-V gene variants on postprandial triglyceride metabolism: impact of gender. <i>Journal of Lipid Research</i> , 2008 , 49, 945-53	6.3	28
38	Effects of Twenty Days of the Ketogenic Diet on Metabolic and Respiratory Parameters in Healthy Subjects. <i>Lung</i> , 2015 , 193, 939-45	2.9	25
37	A multifactorial analysis of obesity as CVD risk factor: use of neural network based methods in a nutrigenetics context. <i>BMC Bioinformatics</i> , 2010 , 11, 453	3.6	23
36	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the Food4Me study. <i>European Journal of Nutrition</i> , 2018 , 57, 1357-1368	5.2	18
35	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. <i>Nutrients</i> , 2017 , 9,	6.7	18
34	Personal genetics: regulatory framework in Europe from a service provider's perspective. <i>European Journal of Human Genetics</i> , 2011 , 19, 382-8	5.3	18
33	Expression of the SmN splicing protein is developmentally regulated in the rodent brain but not in the rodent heart. <i>Developmental Biology</i> , 1993 , 156, 319-23	3.1	18
32	Medium term effects of a ketogenic diet and a Mediterranean diet on resting energy expenditure and respiratory ratio. <i>BMC Proceedings</i> , 2012 , 6,	2.3	17
31	Strand-specific measurement of cisplatin-induced DNA damage and repair using quantitative PCR. <i>Nucleic Acids Research</i> , 1996 , 24, 987-9	20.1	10
30	Nutrigenetics and personalized nutrition: are we ready for DNA-based dietary advice?. <i>Personalized Medicine</i> , 2014 , 11, 297-307	2.2	9
29	PCR-based methods for detecting DNA damage and its repair at the sub-gene and single nucleotide levels in cells. <i>Molecular Biotechnology</i> , 2002 , 20, 181-96	3	9

28	The cardiac form of the tissue-specific SmN protein is identical to the brain and embryonic forms of the protein. <i>Journal of Molecular and Cellular Cardiology</i> , 1993 , 25, 321-9	5.8	9
27	The impact of 677C -T risk knowledge on changes in folate intake: findings from the Food4Me study. <i>Genes and Nutrition</i> , 2016 , 11, 25	4.3	8
26	PPAR α gene variants as predicted performance-enhancing polymorphisms in professional Italian soccer players. <i>Open Access Journal of Sports Medicine</i> , 2014 , 5, 273-8	2.9	8
25	Measurement of covalent drug-DNA interactions at the nucleotide level in cells at pharmacologically relevant doses. <i>Methods in Enzymology</i> , 2001 , 340, 358-76	1.7	8
24	Gene and human tumour cell line specific differences in nitrogen mustard induced DNA alkylation and interstrand crosslinking frequencies. <i>Nucleic Acids Research</i> , 1998 , 26, 5617-23	20.1	8
23	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25-hydroxyvitamin D in a pan-European population: the Food4Me study. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600476	5.9	7
22	PCR-based methods for detecting DNA damage and its repair at the subgene and single nucleotide levels in cells. <i>Methods in Molecular Biology</i> , 1997 , 90, 157-80	1.4	5
21	Sciona and genetic testing. <i>Nature Genetics</i> , 2003 , 33, 121	36.3	5
20	Personal genetics, the European regulations maze and the way out. <i>Personalized Medicine</i> , 2012 , 9, 515-522		4
19	Personal genetics: sports utility vehicle?. <i>Recent Patents on DNA & Gene Sequences</i> , 2012 , 6, 209-15		4
18	Analysis of postprandial lipemia as a Cardiovascular Disease risk factor using genetic and clinical information: an Artificial Neural Network perspective. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 4609-12	0.9	4
17	Development and validation of next generation sequencing based 35-gene hereditary cancer panel. <i>Hereditary Cancer in Clinical Practice</i> , 2020 , 18, 9	2.3	3
16	A comparison of a ketogenic diet with a LowGI/nutrigenetic diet over 6 months for weight loss and 18-month follow-up. <i>BMC Nutrition</i> , 2020 , 6, 53	2.5	3
15	A response to letter to the editor: A genetic-based algorithm for personalized resistance training. <i>Biology of Sport</i> , 2017 , 34, 35-37	4.3	2
14	An integrated web-based platform for the provision of personalized advice in people at high risk for CVD 2009 ,		2
13	Gene - nutrition interactions in the onset of obesity as Cardiovascular Disease risk factor based on a computational intelligence method 2008 ,		2
12	PCR-based assays for strand-specific measurement of DNA damage and repair. I. Strand-specific quantitative PCR. <i>Methods in Molecular Biology</i> , 1999 , 113, 227-40	1.4	2
11	The use of alpha-DNA as an internal standard in the detection and quantitation of DNA damage in specific genes using Southern blotting. <i>Nucleic Acids Research</i> , 1996 , 24, 2456-7	20.1	2

10	The intronless mouse gene for the tissue specific splicing protein SmN is a processed pseudogene containing a stop codon after thirty-one amino acids. <i>DNA Sequence</i> , 1992 , 2, 241-6		2
9	PCR-based assays for strand-specific measurement of DNA damage and repair. II. Single-strand ligation-PCR. <i>Methods in Molecular Biology</i> , 1999 , 113, 241-55	1.4	2
8	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair II 1999 , 241-255		2
7	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair I 1999 , 227-240		1
6	Genomic Determinants of Mediterranean Diet Success 2015 , 105-113		
5	Guidelines to Evaluate the Scientific Validity for Genotype-Based Dietary Advice 2019 , 33-53		
4	Mining nutrigenetics patterns related to obesity: use of parallel multifactor dimensionality reduction. <i>International Journal of Bioinformatics Research and Applications</i> , 2015 , 11, 233-46	0.9	
3	Detection of Platinum Lesions at the Nucleotide Level in Cells using Single Strand Ligation PCR 1996 , 121-130		
2	Single-Strand Ligation PCR for Detection of DNA Adducts 1996 , 227-238		
1	Multifactor Dimensionality Reduction for the Analysis of Obesity in a Nutrigenetics Context. <i>Lecture Notes in Computer Science</i> , 2012 , 231-238	0.9	