

# Keith Anthony Grimaldi

## List of Publications by Year in Descending Order

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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	Development and validation of next generation sequencing based 35-gene hereditary cancer panel. <i>Hereditary Cancer in Clinical Practice</i> , <b>2020</b> , 18, 9	2.3	3
62	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> , <b>2020</b> , 6, 53	2.5	3
61	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	29
60	Guidelines to Evaluate the Scientific Validity for Genotype-Based Dietary Advice <b>2019</b> , 33-53		
59	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> , <b>2018</b> , 57, 1357-1368	5.2	18
58	Can genetic-based advice help you lose weight? Findings from the Food4Me European randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 1204-1213	7	40
57	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , <b>2017</b> , 12, 35	4.3	72
56	Effect of personalized nutrition on health-related behaviour change: evidence from the Food4Me European randomized controlled trial. <i>International Journal of Epidemiology</i> , <b>2017</b> , 46, 578-588	7.8	138
55	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> , <b>2017</b> , 61, 1600476	5.9	7
54	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The Food4Me Study. <i>Nutrients</i> , <b>2017</b> , 9,	6.7	18
53	A response to letter to the editor: A genetic-based algorithm for personalized resistance training. <i>Biology of Sport</i> , <b>2017</b> , 34, 35-37	4.3	2
52	The impact of 677C-T risk knowledge on changes in folate intake: findings from the Food4Me study. <i>Genes and Nutrition</i> , <b>2016</b> , 11, 25	4.3	8
51	A genetic-based algorithm for personalized resistance training. <i>Biology of Sport</i> , <b>2016</b> , 33, 117-26	4.3	57
50	Physical activity attenuates the effect of the FTO genotype on obesity traits in European adults: The Food4Me study. <i>Obesity</i> , <b>2016</b> , 24, 962-9	8	38
49	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> , <b>2016</b> , 104, 827-36	7	34
48	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , <b>2015</b> , 10, 28	4.3	37
47	Effects of n-3 polyunsaturated fatty acids (EPA) supplementation on some cardiovascular risk factors with a ketogenic Mediterranean diet. <i>Marine Drugs</i> , <b>2015</b> , 13, 996-1009	6	46

46 Genomic Determinants of Mediterranean Diet Success **2015**, 105-113

45 Effects of Twenty Days of the Ketogenic Diet on Metabolic and Respiratory Parameters in Healthy Subjects. *Lung*, **2015**, 193, 939-45 2.9 25

44 Design and baseline characteristics of the Food4Me study: a web-based randomised controlled trial of personalised nutrition in seven European countries. *Genes and Nutrition*, **2015**, 10, 450 4.3 109

43 Mining nutrigenetics patterns related to obesity: use of parallel multifactor dimensionality reduction. *International Journal of Bioinformatics Research and Applications*, **2015**, 11, 233-46 0.9

42 The Ketogenic Diet and Sport: A Possible Marriage?. *Exercise and Sport Sciences Reviews*, **2015**, 43, 153-62.7 51

41 Associations between FTO genotype and total energy and macronutrient intake in adults: a systematic review and meta-analysis. *Obesity Reviews*, **2015**, 16, 666-78 10.6 40

40 Nutrigenetics and personalized nutrition: are we ready for DNA-based dietary advice?. *Personalized Medicine*, **2014**, 11, 297-307 2.2 9

39 PPAR $\beta$  gene variants as predicted performance-enhancing polymorphisms in professional Italian soccer players. *Open Access Journal of Sports Medicine*, **2014**, 5, 273-8 2.9 8

38 Do we know enough? A scientific and ethical analysis of the basis for genetic-based personalized nutrition. *Genes and Nutrition*, **2013**, 8, 373-81 4.3 47

37 Beyond weight loss: a review of the therapeutic uses of very-low-carbohydrate (ketogenic) diets. *European Journal of Clinical Nutrition*, **2013**, 67, 789-96 5.2 453

36 Long term successful weight loss with a combination biphasic ketogenic Mediterranean diet and Mediterranean diet maintenance protocol. *Nutrients*, **2013**, 5, 5205-17 6.7 103

35 Medium term effects of a ketogenic diet and a Mediterranean diet on resting energy expenditure and respiratory ratio. *BMC Proceedings*, **2012**, 6, 2.3 17

34 High-Intensity Interval Resistance Training (HIRT) influences resting energy expenditure and respiratory ratio in non-dieting individuals. *Journal of Translational Medicine*, **2012**, 10, 237 8.5 59

33 Ketogenic diet does not affect strength performance in elite artistic gymnasts. *Journal of the International Society of Sports Nutrition*, **2012**, 9, 34 4.5 96

32 Nutrition and acne: therapeutic potential of ketogenic diets. *Skin Pharmacology and Physiology*, **2012**, 25, 111-7 3 76

31 Personal genetics, the European regulations maze and the way out. *Personalized Medicine*, **2012**, 9, 515-522 4

30 Personal genetics: sports utility vehicle?. *Recent Patents on DNA & Gene Sequences*, **2012**, 6, 209-15 4

29 Multifactor Dimensionality Reduction for the Analysis of Obesity in a Nutrigenetics Context. *Lecture Notes in Computer Science*, **2012**, 231-238 0.9

28	Personal genetics: regulatory framework in Europe from a service provider's perspective. <i>European Journal of Human Genetics</i> , <b>2011</b> , 19, 382-8	5.3	18
27	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> , <b>2011</b> , 10, 112	4.3	48
26	A multifactorial analysis of obesity as CVD risk factor: use of neural network based methods in a nutrigenetics context. <i>BMC Bioinformatics</i> , <b>2010</b> , 11, 453	3.6	23
25	An integrated web-based platform for the provision of personalized advice in people at high risk for CVD <b>2009</b> ,		2
24	Gene - nutrition interactions in the onset of obesity as Cardiovascular Disease risk factor based on a computational intelligence method <b>2008</b> ,		2
23	Influence of apoA-V gene variants on postprandial triglyceride metabolism: impact of gender. <i>Journal of Lipid Research</i> , <b>2008</b> , 49, 945-53	6.3	28
22	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> , <b>2008</b> , 2008, 4609-12	0.9	4
21	Improved weight management using genetic information to personalize a calorie controlled diet. <i>Nutrition Journal</i> , <b>2007</b> , 6, 29	4.3	92
20	Sciona and genetic testing. <i>Nature Genetics</i> , <b>2003</b> , 33, 121	36.3	5
19	PCR-based methods for detecting DNA damage and its repair at the sub-gene and single nucleotide levels in cells. <i>Molecular Biotechnology</i> , <b>2002</b> , 20, 181-96	3	9
18	Measurement of covalent drug-DNA interactions at the nucleotide level in cells at pharmacologically relevant doses. <i>Methods in Enzymology</i> , <b>2001</b> , 340, 358-76	1.7	8
17	PCR-based assays for strand-specific measurement of DNA damage and repair. I. Strand-specific quantitative PCR. <i>Methods in Molecular Biology</i> , <b>1999</b> , 113, 227-40	1.4	2
16	PCR-based assays for strand-specific measurement of DNA damage and repair. II. Single-strand ligation-PCR. <i>Methods in Molecular Biology</i> , <b>1999</b> , 113, 241-55	1.4	2
15	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair I <b>1999</b> , 227-240		1
14	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair II <b>1999</b> , 241-255		2
13	Gene and human tumour cell line specific differences in nitrogen mustard induced DNA alkylation and interstrand crosslinking frequencies. <i>Nucleic Acids Research</i> , <b>1998</b> , 26, 5617-23	20.1	8
12	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> , <b>1997</b> , 90, 157-80	1.4	5
11	DNA repair capacity and cisplatin sensitivity of human testis tumour cells. <i>International Journal of Cancer</i> , <b>1997</b> , 70, 551-5	7.5	111

10	DNA repair in cisplatin-sensitive and resistant human cell lines measured in specific genes by quantitative polymerase chain reaction. <i>Biochemical Pharmacology</i> , <b>1996</b> , 52, 1729-34	6	35
9	Strand-specific measurement of cisplatin-induced DNA damage and repair using quantitative PCR. <i>Nucleic Acids Research</i> , <b>1996</b> , 24, 987-9	20.1	10
8	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> , <b>1996</b> , 24, 2456-7	20.1	2
7	Detection of Platinum Lesions at the Nucleotide Level in Cells using Single Strand Ligation PCR <b>1996</b> , 121-130		
6	Single-Strand Ligation PCR for Detection of DNA Adducts <b>1996</b> , 227-238		
5	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> , <b>1994</b> , 22, 2311-7	20.1	48
4	DNA damage by anticancer agents and its repair: mapping in cells at the subgene level with quantitative polymerase chain reaction. <i>Analytical Biochemistry</i> , <b>1994</b> , 222, 236-42	3.1	36
3	Expression of the SmN splicing protein is developmentally regulated in the rodent brain but not in the rodent heart. <i>Developmental Biology</i> , <b>1993</b> , 156, 319-23	3.1	18
2	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> , <b>1993</b> , 25, 321-9	5.8	9
1	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> , <b>1992</b> , 2, 241-6		2