

# Keith Anthony Grimaldi

## List of Publications by Year in descending order

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Version: 2024-02-01

63  
papers

2,836  
citations

201385

27  
h-index

174990

52  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3488  
citing authors

#	ARTICLE	IF	CITATIONS
1	Beyond weight loss: a review of the therapeutic uses of very-low-carbohydrate (ketogenic) diets. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 789-796.	1.3	612
2	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, dyw186.	0.9	219
3	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.	1.2	134
4	Long Term Successful Weight Loss with a Combination Biphasic Ketogenic Mediterranean Diet and Mediterranean Diet Maintenance Protocol. <i>Nutrients</i> , 2013, 5, 5205-5217.	1.7	124
5	Improved weight management using genetic information to personalize a calorie controlled diet. <i>Nutrition Journal</i> , 2007, 6, 29.	1.5	122
6	DNA Repair capacity and cisplatin sensitivity of human testis tumour cells. <i>International Journal of Cancer</i> , 1997, 70, 551-555.	2.3	120
7	Ketogenic diet does not affect strength performance in elite artistic gymnasts. <i>Journal of the International Society of Sports Nutrition</i> , 2012, 9, 34.	1.7	118
8	Proposed guidelines to evaluate scientific validity and evidence for genotype-based dietary advice. <i>Genes and Nutrition</i> , 2017, 12, 35.	1.2	95
9	Nutrition and Acne: Therapeutic Potential of Ketogenic Diets. <i>Skin Pharmacology and Physiology</i> , 2012, 25, 111-117.	1.1	87
10	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.	1.8	86
11	A genetic-based algorithm for personalized resistance-training. <i>Biology of Sport</i> , 2016, 33, 117-126.	1.7	78
12	The Ketogenic Diet and Sport. <i>Exercise and Sport Sciences Reviews</i> , 2015, 43, 153-162.	1.6	71
13	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.	1.5	63
14	Effects of n-3 Polyunsaturated Fatty Acids (1%o-3) Supplementation on Some Cardiovascular Risk Factors with a Ketogenic Mediterranean Diet. <i>Marine Drugs</i> , 2015, 13, 996-1009.	2.2	63
15	Do we know enough? A scientific and ethical analysis of the basis for genetic-based personalized nutrition. <i>Genes and Nutrition</i> , 2013, 8, 373-381.	1.2	55
16	Associations between <i>FTO</i> genotype and total energy and macronutrient intake in adults: a systematic review and meta-analysis. <i>Obesity Reviews</i> , 2015, 16, 666-678.	3.1	51
17	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, 2311-2317.	6.5	50
18	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.	2.2	50

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19	Precision Nutrition and the Microbiome Part II: Potential Opportunities and Pathways to Commercialisation. <i>Nutrients</i> , 2019, 11, 1468.	1.7	50
20	Physical activity attenuates the effect of the <i>FTO</i> genotype on obesity traits in European adults: The <i>Food4Me</i> study. <i>Obesity</i> , 2016, 24, 962-969.	1.5	47
21	How reliable is internet-based self-reported identity, socio-demographic and obesity measures in European adults?. <i>Genes and Nutrition</i> , 2015, 10, 28.	1.2	42
22	The effect of the apolipoprotein E genotype on response to personalized dietary advice intervention: findings from the <i>Food4Me</i> randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2016, 104, 827-836.	2.2	41
23	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, 236-242.	1.1	37
24	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, 1729-1734.	2.0	36
25	Effects of Twenty Days of the Ketogenic Diet on Metabolic and Respiratory Parameters in Healthy Subjects. <i>Lung</i> , 2015, 193, 939-945.	1.4	36
26	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.	1.2	33
27	Influence of apoA-V gene variants on postprandial triglyceride metabolism: impact of gender. <i>Journal of Lipid Research</i> , 2008, 49, 945-953.	2.0	31
28	Associations of vitamin D status with dietary intakes and physical activity levels among adults from seven European countries: the <i>Food4Me</i> study. <i>European Journal of Nutrition</i> , 2018, 57, 1357-1368.	1.8	29
29	Mediterranean Diet Adherence and Genetic Background Roles within a Web-Based Nutritional Intervention: The <i>Food4Me</i> Study. <i>Nutrients</i> , 2017, 9, 1107.	1.7	25
30	Medium term effects of a ketogenic diet and a Mediterranean diet on resting energy expenditure and respiratory ratio. <i>BMC Proceedings</i> , 2012, 6, .	1.8	22
31	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, 319-323.	0.9	20
32	Personal genetics: regulatory framework in Europe from a service provider's perspective. <i>European Journal of Human Genetics</i> , 2011, 19, 382-388.	1.4	19
33	Nutrigenetics and personalized nutrition: are we ready for DNA-based dietary advice?. <i>Personalized Medicine</i> , 2014, 11, 297-307.	0.8	12
34	The impact of MTHFR 677C>T risk knowledge on changes in folate intake: findings from the <i>Food4Me</i> study. <i>Genes and Nutrition</i> , 2016, 11, 25.	1.2	12
35	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, 181-196.	1.3	11
36	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.	0.6	11

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37	Strand-Specific Measurement of Cisplatin-Induced DNA Damage and Repair Using Quantitative PCR. Nucleic Acids Research, 1996, 24, 987-989.	6.5	10
38	Gene and human tumour cell line specific differences in nitrogen mustard induced DNA alkylation and interstrand crosslinking frequencies. Nucleic Acids Research, 1998, 26, 5617-5623.	6.5	10
39	PPAR&alpha; gene variants as predicted performance-enhancing polymorphisms in professional Italian soccer players. Open Access Journal of Sports Medicine, 2014, 5, 273.	0.6	10
40	The Cardiac Form of the Tissue-Specific SmN Protein is Identical to the Brain and Embryonic Forms of the Protein. Journal of Molecular and Cellular Cardiology, 1993, 25, 321-329.	0.9	9
41	Weekday sunlight exposure, but not vitamin D intake, influences the association between vitamin D receptor genotype and circulating concentration 25&ohydroxyvitamin D in a pan&European population: the Food4Me study. Molecular Nutrition and Food Research, 2017, 61, 1600476.	1.5	9
42	Measurement of covalent drug-DNA interactions at the nucleotide level in cells at pharmacologically relevant doses. Methods in Enzymology, 2001, 340, 358-376.	0.4	8
43	Sciona and genetic testing. Nature Genetics, 2003, 33, 121-121.	9.4	7
44	Personal Genetics & Sports Utility Vehicle?. Recent Patents on DNA & Gene Sequences, 2012, 6, 209-215.	0.7	6
45	PCR-Based Methods for Detecting DNA Damage and Its Repair at the Subgene and Single Nucleotide Levels in Cells. , 1997, 90, 157-180.		5
46	Development and validation of next generation sequencing based 35-gene hereditary cancer panel. Hereditary Cancer in Clinical Practice, 2020, 18, 9.	0.6	5
47	Gene - nutrition interactions in the onset of obesity as Cardiovascular Disease risk factor based on a computational intelligence method. , 2008, , .		4
48	Analysis of postprandial lipemia as a Cardiovascular Disease risk factor using genetic and clinical information: An Artificial Neural Network perspective. , 2008, 2008, 4609-12.		4
49	Personal genetics, the European regulations maze and the way out. Personalized Medicine, 2012, 9, 515-522.	0.8	4
50	The intronless mouse gene for the tissue specific splicing protein SmN is a processed pseudogene containing a stop codon after thirty-one amino acids. DNA Sequence, 1992, 2, 241-246.	0.7	3
51	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair II: Single-Strand Ligation-PCR. , 1999, 113, 241-255.		2
52	The Use of &DNA as an Internal Standard in the Detection and Quantitation of DNA Damage in Specific Genes Using Southern Blotting. Nucleic Acids Research, 1996, 24, 2456-2457.	6.5	2
53	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair I: Strand-Specific Quantitative PCR. , 1999, 113, 227-240.		2
54	An integrated web-based platform for the provision of personalized advice in people at high risk for CVD. , 2009, , .		2

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55	A response to letter to the editor: A genetic-based algorithm for personalized resistance training. <i>Biology of Sport</i> , 2017, 1, 35-37.	1.7	2
56	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair II. , 1999, , 241-255.		2
57	Guidelines to Evaluate the Scientific Validity for Genotype-Based Dietary Advice. , 2019, , 33-53.		1
58	PCR-Based Assays for Strand-Specific Measurement of DNA Damage and Repair I. , 1999, , 227-240.		1
59	Multifactor Dimensionality Reduction for the Analysis of Obesity in a Nutrigenetics Context. <i>Lecture Notes in Computer Science</i> , 2012, , 231-238.	1.0	1
60	Mining nutrigenetics patterns related to obesity: use of parallel multifactor dimensionality reduction. <i>International Journal of Bioinformatics Research and Applications</i> , 2015, 11, 233.	0.1	0
61	Genomic Determinants of Mediterranean Diet Success. , 2015, , 105-113.		0
62	Detection of Platinum Lesions at the Nucleotide Level in Cells using Single Strand Ligation PCR. , 1996, , 121-130.		0
63	Single-Strand Ligation PCR for Detection of DNA Adducts. , 1996, , 227-238.		0