

Jrgen Knig

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.

68
papers

2,035
citations

22
h-index

44
g-index

82
ext. papers

2,604
ext. citations

6.4
avg, IF

6.1
L-index

#	Paper	IF	Citations
68	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019 , 569, 260-264	50.4	278
67	Adherence to a Mediterranean diet and risk of diabetes: a systematic review and meta-analysis. <i>Public Health Nutrition</i> , 2015 , 18, 1292-9	3.3	189
66	Impact of different training modalities on glycaemic control and blood lipids in patients with type 2 diabetes: a systematic review and network meta-analysis. <i>Diabetologia</i> , 2014 , 57, 1789-97	10.3	132
65	When Eating Right, Is Measured Wrong! A Validation and Critical Examination of the ORTO-15 Questionnaire in German. <i>PLoS ONE</i> , 2015 , 10, e0135772	3.7	106
64	Promoting fruit and vegetable consumption among European schoolchildren: rationale, conceptualization and design of the pro children project. <i>Annals of Nutrition and Metabolism</i> , 2005 , 49, 212-20	4.5	101
63	Gluten-free food database: the nutritional quality and cost of packaged gluten-free foods. <i>PeerJ</i> , 2015 , 3, e1337	3.1	97
62	Human biomonitoring of phthalate exposure in Austrian children and adults and cumulative risk assessment. <i>International Journal of Hygiene and Environmental Health</i> , 2015 , 218, 489-99	6.9	82
61	Height and body-mass index trajectories of school-aged children and adolescents from 1985 to 2019 in 200 countries and territories: a pooled analysis of 2181 population-based studies with 65 million participants. <i>Lancet, The</i> , 2020 , 396, 1511-1524	40	73
60	We need new tools to assess Orthorexia Nervosa. A commentary on "Prevalence of Orthorexia Nervosa among College Students Based on Bratman® Test and Associated Tendencies". <i>Appetite</i> , 2017 , 108, 521-524	4.5	72
59	Caffeine intake and its sources: A review of national representative studies. <i>Critical Reviews in Food Science and Nutrition</i> , 2018 , 58, 1250-1259	11.5	63
58	Technological issues associated with iodine fortification of foods. <i>Trends in Food Science and Technology</i> , 2008 , 19, 94-101	15.3	57
57	The role of hazard- and risk-based approaches in ensuring food safety. <i>Trends in Food Science and Technology</i> , 2015 , 46, 176-188	15.3	54
56	Hohenheim consensus workshop: copper. <i>European Journal of Clinical Nutrition</i> , 2002 , 56, 469-83	5.2	49
55	Repositioning of the global epicentre of non-optimal cholesterol. <i>Nature</i> , 2020 , 582, 73-77	50.4	48
54	Identification of phenolic components in dried spices and influence of irradiation. <i>Food Chemistry</i> , 2011 , 128, 530-4	8.5	42
53	Changes in sensory quality characteristics of coffee during storage. <i>Food Science and Nutrition</i> , 2013 , 1, 267-72	3.2	34
52	Status of calcium and vitamin D of different population groups in Austria. <i>International Journal for Vitamin and Nutrition Research</i> , 2000 , 70, 214-20	1.7	30

51	Decreased mitochondrial oxygen consumption and antioxidant enzyme activities in skeletal muscle of dystrophic mice after low-intensity exercise. <i>Annals of Nutrition and Metabolism</i> , 2001 , 45, 58-66	4.5	28
50	Operationalization of food consumption surveys in Europe: recommendations from the European Food Consumption Survey Methods (EFCOSUM) Project. <i>European Journal of Clinical Nutrition</i> , 2002 , 56 Suppl 2, S75-88	5.2	27
49	Caffeine intake from all sources in adolescents and young adults in Austria. <i>European Journal of Clinical Nutrition</i> , 2014 , 68, 793-8	5.2	25
48	Food-based dietary guidelines--the Austrian perspective. <i>British Journal of Nutrition</i> , 1999 , 81 Suppl 2, S31-5	3.6	25
47	PPAR γ Modulates Long Chain Fatty Acid Processing in the Intestinal Epithelium. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	24
46	Contribution of Water from Food and Fluids to Total Water Intake: Analysis of a French and UK Population Surveys. <i>Nutrients</i> , 2016 , 8,	6.7	22
45	Complementary intestinal mucosa and microbiota responses to caloric restriction. <i>Scientific Reports</i> , 2018 , 8, 11338	4.9	21
44	Mental imagery interventions reduce subsequent food intake only when self-regulatory resources are available. <i>Frontiers in Psychology</i> , 2014 , 5, 1391	3.4	20
43	Mitochondrial oxygen consumption, lipid peroxidation and antioxidant enzyme systems in skeletal muscle of senile dystrophic mice. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 437, 168-71	4.6	20
42	Peroxisome Proliferator-Activated Receptors and Caloric Restriction-Common Pathways Affecting Metabolism, Health, and Longevity. <i>Cells</i> , 2020 , 9,	7.9	18
41	Determination of the caffeine contents of various food items within the Austrian market and validation of a caffeine assessment tool (CAT). <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2012 , 29, 1849-60	3.2	17
40	Development and Validation of a Multi-class UHPLC-MS/MS Method for Determination of Antibiotic Residues in Dairy Products. <i>Food Analytical Methods</i> , 2018 , 11, 1417-1434	3.4	16
39	Influence of intravenous thiamine supplementation on blood lactate concentration prior to cardiac surgery: A double-blinded, randomised controlled pilot study. <i>European Journal of Anaesthesiology</i> , 2015 , 32, 543-8	2.3	16
38	Peroxisome-proliferator-activated receptors α and γ mediate vascular endothelial growth factor production in colorectal tumor cells. <i>Journal of Cancer Research and Clinical Oncology</i> , 2011 , 137, 29-39	4.9	16
37	Simultaneous Analysis of Epoxidized and Hydroperoxidized Triacylglycerols in Canola Oil and Margarine by LC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2019 , 67, 10174-10184	5.7	15
36	Micronutrient deficiencies. Hohenheim Consensus Conference. <i>European Journal of Nutrition</i> , 2003 , 42, 353-63	5.2	15
35	Middle choice preference and snack choice: The role of self-regulatory resources to nudge healthier food choice. <i>Food Quality and Preference</i> , 2016 , 53, 127-131	5.8	14
34	Main Sources, Socio-Demographic and Anthropometric Correlates of Salt Intake in Austria. <i>Nutrients</i> , 2018 , 10,	6.7	13

33	Exploring the flavor life cycle of beers with varying alcohol content. <i>Food Science and Nutrition</i> , 2017 , 5, 889-895	3.2	12
32	Plasma copper concentration as marker of copper intake from food. <i>Annals of Nutrition and Metabolism</i> , 2000 , 44, 129-34	4.5	12
31	Five Days Periodic Fasting Elevates Levels of Longevity Related and Sirtuin Expression in Humans. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	11
30	Effects of phytogetic feed additives on cellular oxidative stress and inflammatory reactions in intestinal porcine epithelial cells ¹ . <i>Journal of Animal Science</i> , 2018 , 96, 3657-3669	0.7	10
29	Heterogeneous contributions of change in population distribution of body mass index to change in obesity and underweight. <i>ELife</i> , 2021 , 10,	8.9	10
28	Folate deficiency and over-supplementation causes impaired folate metabolism: Regulation and adaptation mechanisms in <i>Caenorhabditis elegans</i> . <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 949-58	5.8	9
27	School food environment: Quality and advertisement frequency of child-oriented packaged products within walking distance of public schools. <i>Preventive Medicine Reports</i> , 2017 , 6, 307-313	2.6	8
26	Risk assessment of nitrites for the Austrian adult population with probabilistic modelling of the dietary exposure. <i>Food and Chemical Toxicology</i> , 2020 , 143, 111480	4.7	8
25	Visualization of Food-Based Dietary Guidelines [Examples]. <i>Annals of Nutrition and Metabolism</i> , 2007 , 51, 36-43	4.5	8
24	Sucrose-replacement by rebaudioside a in a model beverage. <i>Journal of Food Science and Technology</i> , 2015 , 52, 6031-6	3.3	7
23	Assessing and reporting uncertainties in dietary exposure analysis [Part II: Application of the uncertainty template to a practical example of exposure assessment. <i>Food and Chemical Toxicology</i> , 2017 , 109, 68-80	4.7	7
22	Influence of phytoGENICS on recovery of the barrier function of intestinal porcine epithelial cells after a calcium switch. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2019 , 103, 210-220	2.6	7
21	Austrian reference values for phthalate metabolite exposure in children/adolescents and adults. <i>International Journal of Hygiene and Environmental Health</i> , 2018 , 221, 985-989	6.9	6
20	Food additives and nutrient sources added to food: developments since the creation of EFSA. <i>EFSA Journal</i> , 2012 , 10, s1006	2.3	6
19	Probabilistic risk assessment of nitrates for Austrian adults and estimation of the magnitude of their conversion into nitrites. <i>Food and Chemical Toxicology</i> , 2020 , 145, 111719	4.7	6
18	Recording of fluid, beverage and water intakes at the population level in Europe. <i>British Journal of Nutrition</i> , 2016 , 116, 677-82	3.6	6
17	Secundarellone A, B, and C from the leaves of <i>Justicia secunda</i> VAHL. <i>Phytochemistry Letters</i> , 2014 , 10, cxxix-cxxxii	1.9	5
16	Traditional v. modern dietary patterns among a population in western Austria: associations with body composition and nutrient profile. <i>Public Health Nutrition</i> , 2019 , 22, 455-465	3.3	5

15	Inverting the pyramid! Extent and quality of food advertised on Austrian television. <i>BMC Public Health</i> , 2015 , 15, 910	4.1	4
14	Electrolyte Intake and Major Food Sources of Sodium, Potassium, Calcium and Magnesium among a Population in Western Austria. <i>Nutrients</i> , 2020 , 12,	6.7	3
13	Mental imagery and food consumption. <i>Frontiers in Psychiatry</i> , 2015 , 6, 48	5	3
12	Metabolic effect of sodium selenite: Insulin-like inhibition of glucagon-stimulated glycogenolysis in the isolated perfused rat liver. <i>Hepatology</i> , 1995 , 22, 169-174	11.2	3
11	Iodine status of Austrian children and adolescents. <i>Forum of Nutrition</i> , 1998 , 54, 58-66		2
10	The Impact of Chronic Stress and Eating Concern on Acylated Ghrelin Following Acute Psychological Stress in Healthy Men. <i>Stresses</i> , 2021 , 1, 16-29		2
9	Human biomonitoring of bisphenol A exposure in an Austrian population. <i>Biomonitoring</i> , 2016 , 3,		2
8	Sweetness Perception is not Involved in the Regulation of Blood Glucose after Oral Application of Sucrose and Glucose Solutions in Healthy Male Subjects. <i>Molecular Nutrition and Food Research</i> , 2021 , 65, e2000472	5.9	2
7	Caloric restriction increases levels of taurine in the intestine and stimulates taurine uptake by conjugation to glutathione. <i>Journal of Nutritional Biochemistry</i> , 2021 , 96, 108781	6.3	2
6	Free Radical Scavenging Activity of Carbonyl-Amine Adducts Formed in Soybean Oil Fortified with Phosphatidylethanolamine. <i>Molecules</i> , 2020 , 25,	4.8	1
5	Visual stimulation with food pictures in the regulation of hunger hormones and nutrient deposition, a potential contributor to the obesity crisis. <i>PLoS ONE</i> , 2020 , 15, e0232099	3.7	1
4	Microbial contribution to the caloric restriction-triggered regulation of the intestinal levels of glutathione transferases, taurine, and bile acid. <i>Gut Microbes</i> , 2021 , 13, 1992236	8.8	1
3	Cage bedding modifies metabolic and gut microbiota profiles in mouse studies applying dietary restriction. <i>Scientific Reports</i> , 2020 , 10, 20835	4.9	1
2	Functional Foods 2016 , 1-8		
1	EU Menu Austria: Food consumption data for Austrian adolescents, adults and pregnant women. <i>EFSA Supporting Publications</i> , 2019 , 16, 1754E	1.1	