Sonia Gonzlez

List of Publications by Citations

59 papers	1,988 citations	26 h-index	43 g-index
66 ext. papers	2,618 ext. citations	5.2 avg, IF	5.08 L-index

#	Paper	IF	Citations
59	Intestinal dysbiosis associated with systemic lupus erythematosus. *MBio*, **2014**, 5, e01548-14	7.8	309
58	The relationship between phenolic compounds from diet and microbiota: impact on human health. *Food and Function*, **2015**, 6, 2424-39	6.1	140
57	Nutrition and the gut microbiome in the elderly. *Gut Microbes*, **2017**, 8, 82-97	8.8	121
56	Mediterranean diet and faecal microbiota: a transversal study. *Food and Function*, **2016**, 7, 2347-56	6.1	92
55	Pilot study of diet and microbiota: interactive associations of fibers and polyphenols with human intestinal bacteria. *Journal of Agricultural and Food Chemistry*, **2014**, 62, 5330-6	5.7	62
54	Allergic Patients with Long-Term Asthma Display Low Levels of Bifidobacterium adolescentis. *PLoS ONE*, **2016**, 11, e0147809	3.7	62
53	Ranking the impact of human health disorders on gut metabolism: systemic lupus erythematosus and obesity as study cases. *Scientific Reports*, **2015**, 5, 8310	4.9	56
52	Age-Associated Changes in Gut Microbiota and Dietary Components Related with the Immune System in Adulthood and Old Age: A Cross-Sectional Study. *Nutrients*, **2019**, 11,	6.7	55
51	Fiber from a regular diet is directly associated with fecal short-chain fatty acid concentrations in the elderly. *Nutrition Research*, **2013**, 33, 811-6	4	54
50	Intestinal Dysbiosis Is Associated with Altered Short-Chain Fatty Acids and Serum-Free Fatty Acids in Systemic Lupus Erythematosus. *Frontiers in Immunology*, **2017**, 8, 23	8.4	53
49	Microbial targets for the development of functional foods accordingly with nutritional and immune parameters altered in the elderly. *Journal of the American College of Nutrition*, **2013**, 32, 399-406	3.5	52
48	An Overview on Fecal Branched Short-Chain Fatty Acids Along Human Life and as Related With Body Mass Index: Associated Dietary and Anthropometric Factors. *Frontiers in Microbiology*, **2020**, 11, 973	5.7	50
47	Association of polyphenols from oranges and apples with specific intestinal microorganisms in systemic lupus erythematosus patients. *Nutrients*, **2015**, 7, 1301-17	6.7	47
46	Free Fatty Acids Profiles Are Related to Gut Microbiota Signatures and Short-Chain Fatty Acids. *Frontiers in Immunology*, **2017**, 8, 823	8.4	45
45	Adherence to a Mediterranean Diet Influences the Fecal Metabolic Profile of Microbial-Derived Phenolics in a Spanish Cohort of Middle-Age and Older People. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 586-595	5.7	44
44	The human gallbladder microbiome is related to the physiological state and the biliary metabolic profile. *Microbiome*, **2019**, 7, 100	16.6	42
43	Fermented Dairy Foods: Impact on Intestinal Microbiota and Health-Linked Biomarkers. *Frontiers in Microbiology*, **2019**, 10, 1046	5.7	41

42	Distinct maternal microbiota clusters are associated with diet during pregnancy: impact on neonatal microbiota and infant growth during the first 18 months of life. *Gut Microbes*, **2020**, 11, 962-978	8.8	38
41	Serum selenium is associated with plasma homocysteine concentrations in elderly humans. *Journal of Nutrition*, **2004**, 134, 1736-40	4.1	33
40	Homocysteine increases the risk of mortality in elderly individuals. *British Journal of Nutrition*, **2007**, 97, 1138-43	3.6	31
39	Dietary intake of polyphenols and major food sources in an institutionalised elderly population. *Journal of Human Nutrition and Dietetics*, **2014**, 27, 176-83	3.1	29
38	The relationship between dietary lipids and cognitive performance in an elderly population. *International Journal of Food Sciences and Nutrition*, **2010**, 61, 217-25	3.7	29
37	Lipid peroxidation, antioxidant status and survival in institutionalised elderly: a five-year longitudinal study. *Free Radical Research*, **2006**, 40, 571-8	4	29
36	Different Intestinal Microbial Profile in Over-Weight and Obese Subjects Consuming a Diet with Low Content of Fiber and Antioxidants. *Nutrients*, **2017**, 9,	6.7	28
35	Xenobiotics Formed during Food Processing: Their Relation with the Intestinal Microbiota and Colorectal Cancer. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	27
34	Food intake and serum selenium concentration in elderly people. *Annals of Nutrition and Metabolism*, **2006**, 50, 126-31	4.5	27
33	Long-Term Coffee Consumption is Associated with Fecal Microbial Composition in Humans. *Nutrients*, **2020**, 12,	6.7	25
32	Red wine consumption is associated with fecal microbiota and malondialdehyde in a human population. *Journal of the American College of Nutrition*, **2015**, 34, 135-41	3.5	24
31	Independent and interactive association of blood antioxidants and oxidative damage in elderly people. *Free Radical Research*, **2002**, 36, 875-82	4	24
30	Phenolic compounds from red wine and coffee are associated with specific intestinal microorganisms in allergic subjects. *Food and Function*, **2016**, 7, 104-9	6.1	23
29	Interaction of Intestinal Microorganisms with the Human Host in the Framework of Autoimmune Diseases. *Frontiers in Immunology*, **2015**, 6, 594	8.4	21
28	Food habits are associated with lipid peroxidation in an elderly population. *Journal of the American Dietetic Association*, **2003**, 103, 1480-7		21
27	Plasma iron is associated with lipid peroxidation in an elderly population. *Journal of Trace Elements in Medicine and Biology*, **2003**, 17, 171-6	4.1	20
26	Microbiome: Effects of Ageing and Diet. *Current Issues in Molecular Biology*, **2020**, 36, 33-62	2.9	20
25	Selection of potential probiotic bifidobacteria and prebiotics for elderly by using in vitro faecal batch cultures. *European Food Research and Technology*, **2017**, 243, 157-165	3.4	16

24	Maternal Diet Shapes the Breast Milk Microbiota Composition and Diversity: Impact of Mode of Delivery and Antibiotic Exposure. *Journal of Nutrition*, **2021**, 151, 330-340	4.1	16
23	Exploring the interactions between serum free fatty acids and fecal microbiota in obesity through a machine learning algorithm. *Food Research International*, **2019**, 121, 533-541	7	15
22	Development of probiotic products for nutritional requirements of specific human populations. *Engineering in Life Sciences*, **2012**, 12, 368-376	3.4	14
21	Life-quality indicators in elderly people are influenced by selenium status. *Aging Clinical and Experimental Research*, **2007**, 19, 10-5	4.8	14
20	Folate and cobalamin synergistically decrease the risk of high plasma homocysteine in a nonsupplemented elderly institutionalized population. *Clinical Biochemistry*, **2004**, 37, 904-10	3.5	14
19	Differences in overall mortality in the elderly may be explained by diet. *Gerontology*, **2008**, 54, 232-7	5.5	13
18	No evidence for oxidative stress as a mechanism of action of hyperhomocysteinemia in humans. *Free Radical Research*, **2004**, 38, 1215-21	4	12
17	Could Fecal Phenylacetic and Phenylpropionic Acids Be Used as Indicators of Health Status?. *Journal of Agricultural and Food Chemistry*, **2018**, 66, 10438-10446	5.7	12
16	Bioactive compounds from regular diet and faecal microbial metabolites. *European Journal of Nutrition*, **2018**, 57, 487-497	5.2	11
15	Diet score is associated with plasma homocysteine in a healthy institutionalised elderly population. *Nutrition, Metabolism and Cardiovascular Diseases*, **2003**, 13, 384-90	4.5	11
14	Comparison of Different Dietary Indices as Predictors of Inflammation, Oxidative Stress and Intestinal Microbiota in Middle-Aged and Elderly Subjects. *Nutrients*, **2020**, 12,	6.7	9
13	Diet: Cause or Consequence of the Microbial Profile of Cholelithiasis Disease?. *Nutrients*, **2018**, 10,	6.7	7
12	Microbiota and oxidant-antioxidant balance in systemic lupus erythematosus. *Nutricion Hospitalaria* , **2017**, 34, 934-941	1	6
11	Fatty acids intake and immune parameters in the elderly. *Nutricion Hospitalaria*, **2013**, 28, 474-8	1	6
10	Polyphenol intake in elderly people is associated with lipid oxidative damage. *Journal of the American College of Nutrition*, **2013**, 32, 384-90	3.5	5
9	Nutritional composition of processed baby foods targeted at infants from 0–12 months. *Journal of Food Composition and Analysis*, **2019**, 79, 55-62	4.1	4
8	New players in the relationship between diet and microbiota: the role of macromolecular antioxidant polyphenols. *European Journal of Nutrition*, **2021**, 60, 1403-1413	5.2	3
7	Intestinal microbiota alterations by dietary exposure to chemicals from food cooking and processing. Application of data science for risk prediction. *Computational and Structural Biotechnology Journal*, **2021**, 19, 1081-1091	6.8	3

6	Association of Maternal Microbiota and Diet in Cord Blood Cytokine and Immunoglobulin Profiles. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
5	Levels of Predominant Intestinal Microorganisms in 1 Month-Old Full-Term Babies and Weight Gain during the First Year of Life. *Nutrients*, **2021**, 13,	6.7	2
4	Maternal Diet Is Associated with Human Milk Oligosaccharide Profile. *Molecular Nutrition and Food Research*,2200058	5.9	0
3	Diet and Microbiota in the Elderly **2021**, 55-55		
2	Valoraci□ del estado nutricional de usuarios de ayuda alimentaria. Estudio de caso. *Cuadernos De Trabajo Social*, **2018**, 31, 543-558	0.2	
1	Branched Short-Chain Fatty Acids as Biological Indicators of Microbiota Health and Links with Anthropometry. *Biomarkers in Disease*, **2022**, 1-17		