Angela M Zivkovic

List of Publications by Year
in descending order

72 papers	3,854 citations	147726 31 h-index	128225 60 g-index
74 all docs	74 docs citations	74 times ranked	6050 citing authors

#	Article	IF	Citations
1	Are eggs good again? A precision nutrition perspective on the effects of eggs on cardiovascular risk, taking into account plasma lipid profiles and TMAO. Journal of Nutritional Biochemistry, 2022, 100, 108906.	1.9	11
2	Gut microbiota - nutrition and health. Nutrition Research, 2022, 100, 42-46.	1.3	1
3	Human Milk Oligosaccharide Compositions Illustrate Global Variations in Early Nutrition. Journal of Nutrition, 2022, 152, 1239-1253.	1.3	19
4	Glycosylation alterations in serum of Alzheimer's disease patients show widespread changes in Nâ€glycosylation of proteins related to immune function, inflammation, and lipoprotein metabolism. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2022, 14, e12309.	1.2	6
5	Glycosylation of HDL-Associated Proteins and Its Implications in Cardiovascular Disease Diagnosis, Metabolism and Function. Frontiers in Cardiovascular Medicine, 2022, 9, .	1.1	3
6	Quantitative glycoproteomics of high-density lipoproteins. RSC Advances, 2022, 12, 18450-18456.	1.7	0
7	High-Density Lipoprotein Changes in Alzheimerâ€™s Disease Are APOE Genotype-Specific. Biomedicines, 2022, 10, 1495.	1.4	6
8	Associations of human milk oligosaccharides and bioactive proteins with infant growth and development among Malawian mother-infant dyads. American Journal of Clinical Nutrition, 2021, 113, 209-220.	2.2	32
9	Characterization of extracellular vesicles and synthetic nanoparticles with four orthogonal singleâ€particle analysis platforms. Journal of Extracellular Vesicles, 2021, 10, e12079.	5.5	97
10	Associations of Human Milk Oligosaccharides and Bioactive Proteins with Infant Morbidity and Inflammation in Malawian Mother-Infant Dyads. Current Developments in Nutrition, 2021, 5, nzab072.	0.1	9
11	Isolation of HDL by sequential flotation ultracentrifugation followed by size exclusion chromatography reveals size-based enrichment of HDL-associated proteins. Scientific Reports, 2021, 11, 16086.	1.6	13
12	The Potential Utility of Prebiotics to Modulate Alzheimerâ€™s Disease: A Review of the Evidence. Microorganisms, 2021, 9, 2310.	1.6	15
13	Lipid-Based Nutrient Supplementation Increases High-Density Lipoprotein (HDL) Cholesterol Efflux Capacity and Is Associated with Changes in the HDL Glycoproteome in Children. ACS Omega, 2021, 6, 32022-32031.	1.6	7
14	Whole egg consumption increases plasma choline and betaine without affecting TMAO levels or gut microbiome in overweight postmenopausal women. Nutrition Research, 2020, 78, 36-41.	1.3	36
15	A Guide to Diet-Microbiome Study Design. Frontiers in Nutrition, 2020, 7, 79.	1.6	78
16	Metabolic flux analysis of the neural cell glycocalyx reveals differential utilization of monosaccharides. Glycobiology, 2020, 30, 859-871.	1.3	15
17	Human gut microbiome composition and tryptophan metabolites were changed differently by fast food and Mediterranean diet in 4 days: a pilot study. Nutrition Research, 2020, 77, 62-72.	1.3	79
18	The HDL lipidome is widely remodeled by fast food versus Mediterranean diet in 4Âdays. Metabolomics, 2019, 15, 114.	1.4	19

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19	Site-Specific Glycoprofiles of HDL-Associated ApoE are Correlated with HDL Functional Capacity and Unaffected by Short-Term Diet. Journal of Proteome Research, 2019, 18, 3977-3984.	1.8	23
20	Whole egg consumption compared with yolk-free egg increases the cholesterol efflux capacity of high-density lipoproteins in overweight, postmenopausal women. American Journal of Clinical Nutrition, 2019, 110, 617-627.	2.2	19
21	Metabase: A New Programming Framework for Analyzing, Visualizing, and Integrating Multiâ€Omics Data for Nutritional Intervention Studies. FASEB Journal, 2019, 33, 642.10.	0.2	0
22	Improved Method to Capture a Broader Array of High Density Lipoprotein Particles Including Those of Intestinal Origin. FASEB Journal, 2019, 33, 496.46.	0.2	0
23	Whole egg consumption increases plasma choline and betaine without affecting TMAO levels and gut microbiome in overweight postmenopausal woman. FASEB Journal, 2019, 33, 484.14.	0.2	0
24	21st century toolkit for optimizing population health through precision nutrition. Critical Reviews in Food Science and Nutrition, 2018, 58, 3004-3015.	5.4	28
25	Targeted Measurements of O- and N-Glycopeptides Show That Proteins in High Density Lipoprotein Particles Are Enriched with Specific Glycosylation Compared to Plasma. Journal of Proteome Research, 2018, 17, 834-845.	1.8	24
26	Effects of Milk Fat Globule Membrane on Lymphocyte Gene Expression and Markers of Metabolism and Inflammation in the Postprandial Period. FASEB Journal, 2018, 32, 767.3.	0.2	0
27	Growth and Morbidity of Gambian Infants are Influenced by Maternal Milk Oligosaccharides and Infant Gut Microbiota. Scientific Reports, 2017, 7, 40466.	1.6	152
28	Tolerability and safety of the intake of bovine milk oligosaccharides extracted from cheese whey in healthy human adults. Journal of Nutritional Science, 2017, 6, e6.	0.7	17
29	HDL Glycoprotein Composition and Site-Specific Glycosylation Differentiates Between Clinical Groups and Affects IL-6 Secretion in Lipopolysaccharide-Stimulated Monocytes. Scientific Reports, 2017, 7, 43728.	1.6	28
30	The role of a dairy fraction rich in milk fat globule membrane in the suppression of postprandial inflammatory markers and bone turnover in obese and overweight adults: an exploratory study. Nutrition and Metabolism, 2017, 14, 36.	1.3	16
31	Consumption of a high-fat meal containing cheese compared with a vegan alternative lowers postprandial C-reactive protein in overweight and obese individuals with metabolic abnormalities: a randomised controlled cross-over study. Journal of Nutritional Science, 2016, 5, e9.	0.7	22
32	Addition of a dairy fraction rich in milk fat globule membrane to a high-saturated fat meal reduces the postprandial insulinaemic and inflammatory response in overweight and obese adults. Journal of Nutritional Science, 2016, 5, e14.	0.7	44
33	NMR-based metabolite profiling of human milk: A pilot study of methods for investigating compositional changes during lactation. Biochemical and Biophysical Research Communications, 2016, 469, 626-632.	1.0	66
34	Postprandial metabolomics: A pilot mass spectrometry and NMR study of the human plasma metabolome in response to a challenge meal. Analytica Chimica Acta, 2016, 908, 121-131.	2.6	29
35	Oxylipins, endocannabinoids, and related compounds in human milk: Levels and effects of storage conditions. Prostaglandins and Other Lipid Mediators, 2016, 122, 28-36.	1.0	34
36	Red Blood Cells from Individuals with Abdominal Obesity or Metabolic Abnormalities Exhibit Less Deformability upon Entering a Constriction. PLoS ONE, 2016, 11, e0156070.	1.1	30

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37	Profiling the Oxylipin and Endocannabinoid Metabolome by UPLC-ESI-MS/MS in Human Plasma to Monitor Postprandial Inflammation. PLoS ONE, 2015, 10, e0132042.	1.1	52
38	Changes in PTGS1 and ALOX12 Gene Expression in Peripheral Blood Mononuclear Cells Are Associated with Changes in Arachidonic Acid, Oxylipins, and Oxylipin/Fatty Acid Ratios in Response to Omega-3 Fatty Acid Supplementation. PLoS ONE, 2015, 10, e0144996.	1.1	17
39	Combined High-Density Lipoprotein Proteomic and Glycomic Profiles in Patients at Risk for Coronary Artery Disease. Journal of Proteome Research, 2015, 14, 5109-5118.	1.8	32
40	Postâ€Prandial Changes in Bone Turnover after High Saturated Fat Challenge Meals. FASEB Journal, 2015, 29, 734.2.	0.2	0
41	Glycomic Analysis of High Density Lipoprotein Shows a Highly Sialylated Particle. Journal of Proteome Research, 2014, 13, 681-691.	1.8	31
42	The microbes we eat: abundance and taxonomy of microbes consumed in a dayâ€™s worth of meals for three diet types. PeerJ, 2014, 2, e659.	0.9	85
43	Milk glycan composition mediates gut microbiota, growth, and morbidity outcomes in Gambian infants (38.4). FASEB Journal, 2014, 28, 38.4.	0.2	0
44	Using a lipidomic approach to reveal omegaâ€3 response phenotypes (635.1). FASEB Journal, 2014, 28, 635.1.	0.2	0
45	Nutritional lipidomics: Molecular metabolism, analytics, and diagnostics. Molecular Nutrition and Food Research, 2013, 57, 1319-1335.	1.5	49
46	Individual Variation in Lipidomic Profiles of Healthy Subjects in Response to Omega-3 Fatty Acids. PLoS ONE, 2013, 8, e76575.	1.1	80
47	Serum oxylipin profiles in IgA nephropathy patients reflect kidney functional alterations. Metabolomics, 2012, 8, 1102-1113.	1.4	80
48	Comprehensive Profiles of Human Milk Oligosaccharides Yield Highly Sensitive and Specific Markers for Determining Secretor Status in Lactating Mothers. Journal of Proteome Research, 2012, 11, 6124-6133.	1.8	175
49	Comparison of the Human and Bovine Milk N-Glycome via High-Performance Microfluidic Chip Liquid Chromatography and Tandem Mass Spectrometry. Journal of Proteome Research, 2012, 11, 2912-2924.	1.8	162
50	Digestion of Protein in Premature and Term Infants. , 2012, 02, 112.		83
51	Site-specific protein glycosylation analysis with glycan isomer differentiation. Analytical and Bioanalytical Chemistry, 2012, 403, 1291-1302.	1.9	104
52	Simultaneous and Extensive Site-specific N- and O-Glycosylation Analysis in Protein Mixtures. Journal of Proteome Research, 2011, 10, 2612-2624.	1.8	117
53	N-Linked Glycan Profiling of Mature Human Milk by High-Performance Microfluidic Chip Liquid Chromatography Time-of-Flight Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2011, 59, 4255-4263.	2.4	55
54	Reconstituted Lipoprotein: A Versatile Class of Biologically-Inspired Nanostructures. ACS Nano, 2011, 5, 42-57.	7.3	95

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55	Dietary omega-3 fatty acids aid in the modulation of inflammation and metabolic health. California Agriculture, 2011, 65, 106-111.	0.5	62
56	Nutrigenomics and Personalized Diets: What Will They Mean for Food?. Annual Review of Food Science and Technology, 2011, 2, 97-123.	5.1	72
57	Nano-LCâ€“MS/MS of Glycopeptides Produced by Nonspecific Proteolysis Enables Rapid and Extensive Site-Specific Glycosylation Determination. Analytical Chemistry, 2011, 83, 5541-5547.	3.2	46
58	Bovine Milk as a Source of Functional Oligosaccharides for Improving Human Health. Advances in Nutrition, 2011, 2, 284-289.	2.9	138
59	Human milk glycobiome and its impact on the infant gastrointestinal microbiota. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4653-4658.	3.3	566
60	Lactosomes: Structural and Compositional Classification of Unique Nanometer-Sized Protein Lipid Particles of Human Milk. Journal of Agricultural and Food Chemistry, 2010, 58, 11234-11242.	2.4	46
61	Differential Oxylipid Metabolism in Response to EPA and DHA in IgA Nephropathy. FASEB Journal, 2010, 24, 210.7.	0.2	0
62	Assessing individual metabolic responsiveness to a lipid challenge using a targeted metabolomic approach. Metabolomics, 2009, 5, 209-218.	1.4	56
63	Effects of sample handling and storage on quantitative lipid analysis in human serum. Metabolomics, 2009, 5, 507-516.	1.4	125
64	Quantitative Lipid Metabolomic Changes in Alcoholic Micropigs With Fatty Liver Disease. Alcoholism: Clinical and Experimental Research, 2009, 33, 751-758.	1.4	31
65	Metabolomics for assessment of nutritional status. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 501-507.	1.3	59
66	Food Intake and Obesity. Frontiers in Neuroscience, 2009, , 561-595.	0.0	0
67	Comparative review of diets for the metabolic syndrome: implications for nonalcoholic fatty liver disease. American Journal of Clinical Nutrition, 2007, 86, 285-300.	2.2	352
68	Building the bridges to bioinformatics in nutrition research. American Journal of Clinical Nutrition, 2007, 86, 1261-1269.	2.2	28
69	Individual variation in the metabolic syndrome: a new perspective on the debate. American Journal of Clinical Nutrition, 2007, 85, 240-241.	2.2	3
70	Development of metabolic assessment tools: Intraâ€•and interâ€•individual variation in lipid metabolism after ingestion of an n3 fatty acid pathway probe. FASEB Journal, 2007, 21, A109.	0.2	0
71	Lipoproteins: When size really matters. Current Opinion in Colloid and Interface Science, 2006, 11, 171-183.	3.4	62
72	Multi-Omic Analyses Reveal Bifidogenic Effect and Metabolomic Shifts in Healthy Human Cohort Supplemented With a Prebiotic Dietary Fiber Blend. Frontiers in Nutrition, 0, 9, .	1.6	6