Yasuaki Wada

List of Publications by Year
in descending order

23 papers	1,442 citations	586496 16 h-index	759306 22 g-index
24 all docs	24 docs citations	24 times ranked	1981 citing authors

#	Article	IF	Citations
1	^{1}H NMR metabolomic and transcriptomic analyses reveal urinary metabolites as biomarker candidates in response to protein undernutrition in adult rats. British Journal of Nutrition, 2021, 125, 633-643.	1.2	3
2	Serum Albumin Redox States: More Than Oxidative Stress Biomarker. Antioxidants, 2021, 10, 503.	2.2	44
3	Maternal Serum Albumin Redox State Is Associated with Infant Birth Weight in Japanese Pregnant Women. Nutrients, 2021, 13, 1764.	1.7	6
4	Plasma albumin redox state is superior to conventional biomarkers to indicate the presence of potential protein undernutrition. Proceedings of the Nutrition Society, 2020, 79, .	0.4	0
5	Bioactive peptides derived from human milk proteins: an update. Current Opinion in Clinical Nutrition and Metabolic Care, 2020, 23, 217-222.	1.3	23
6	A More Oxidized Plasma Albumin Redox State and Lower Plasma HDL Particle Number Reflect Low-Protein Diet Ingestion in Adult Rats. Journal of Nutrition, 2019, 150, 256-266.	1.3	10
7	Plasma Albumin Redox State Is Responsive to the Amino Acid Balance of Dietary Proteins in Rats Fed a Low Protein Diet. Frontiers in Nutrition, 2019, 6, 12.	1.6	7
8	Casein materials show different digestion patterns using an in vitro gastrointestinal model and different release of glucagon-like peptide-1 by enteroendocrine GLUTag cells. Food Chemistry, 2019, 277, 423-431.	4.2	27
9	Potential Role of Amino Acid/Protein Nutrition and Exercise in Serum Albumin Redox State. Nutrients, 2018, 10, 17.	1.7	32
10	Dietary cystine is important to maintain plasma mercaptalbumin levels in rats fed low-protein diets. Nutrition Research, 2018, 56, 79-89.	1.3	8
11	Increased Ratio of Non-mercaptalbumin-1 Among Total Plasma Albumin Demonstrates Potential Protein Undernutrition in Adult Rats. Frontiers in Nutrition, 2018, 5, 64.	1.6	16
12	The reduced/oxidized state of plasma albumin is modulated by dietary protein intake partly via albumin synthesis rate in rats. Nutrition Research, 2017, 37, 46-57.	1.3	18
13	In vivo digestomics of milk proteins in human milk and infant formula using a suckling rat pup model. Peptides, 2017, 88, 18-31.	1.2	27
14	An oxidized/reduced state of plasma albumin reflects malnutrition due to an insufficient diet in rats. Journal of Clinical Biochemistry and Nutrition, 2017, 60, 70-75.	0.6	16
15	Bioactive peptides released from in vitro digestion of human milk with or without pasteurization. Pediatric Research, 2015, 77, 546-553.	1.1	66
16	Effects of Industrial Heating Processes of Milk-Based Enteral Formulas on Site-Specific Protein Modifications and Their Relationship to in Vitro and in Vivo Protein Digestibility. Journal of Agricultural and Food Chemistry, 2015, 63, 6787-6798.	2.4	29
17	Bioactive peptides released by in vitro digestion of standard and hydrolyzed infant formulas. Peptides, 2015, 73, 101-105.	1.2	26
18	Bioactive peptides derived from human milk proteins â€" mechanisms of action. Journal of Nutritional Biochemistry, 2014, 25, 503-514.	1.9	175

#	Article	IF	Citations
19	Effects of Different Industrial Heating Processes of Milk on Site-Specific Protein Modifications and Their Relationship to in Vitro and in Vivo Digestibility. Journal of Agricultural and Food Chemistry, 2014, 62, 4175-4185.	2.4	124
20	Genetically engineered rice containing larger amounts of nicotianamine to enhance the antihypertensive effect. Plant Biotechnology Journal, 2009, 7, 87-95.	4.1	38
21	Highly Sensitive Quantitative Analysis of Nicotianamine Using LC/ESI-TOF-MS with an Internal Standard. Bioscience, Biotechnology and Biochemistry, 2007, 71, 435-441.	0.6	26
22	Rice plants take up iron as an Fe3+-phytosiderophore and as Fe2+. Plant Journal, 2006, 45, 335-346.	2.8	703
23	Metabolic Engineering ofSaccharomyces cerevisiaeProducing Nicotianamine: Potential for Industrial Biosynthesis of a Novel Antihypertensive Substrate. Bioscience, Biotechnology and Biochemistry, 2006, 70, 1408-1415.	0.6	18