

# Yasuaki Wada

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

1,442  
citations

516710

16  
h-index

677142

22  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rice plants take up iron as an Fe <sup>3+</sup> -phytosiderophore and as Fe <sup>2+</sup> . <i>Plant Journal</i> , 2006, 45, 335-346.	5.7	703
2	Bioactive peptides derived from human milk proteins – mechanisms of action. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 503-514.	4.2	175
3	Effects of Different Industrial Heating Processes of Milk on Site-Specific Protein Modifications and Their Relationship to in Vitro and in Vivo Digestibility. <i>Journal of Agricultural and Food Chemistry</i> , 2014, 62, 4175-4185.	5.2	124
4	Bioactive peptides released from in vitro digestion of human milk with or without pasteurization. <i>Pediatric Research</i> , 2015, 77, 546-553.	2.3	66
5	Serum Albumin Redox States: More Than Oxidative Stress Biomarker. <i>Antioxidants</i> , 2021, 10, 503.	5.1	44
6	Genetically engineered rice containing larger amounts of nicotianamine to enhance the antihypertensive effect. <i>Plant Biotechnology Journal</i> , 2009, 7, 87-95.	8.3	38
7	Potential Role of Amino Acid/Protein Nutrition and Exercise in Serum Albumin Redox State. <i>Nutrients</i> , 2018, 10, 17.	4.1	32
8	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. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 6787-6798.	5.2	29
9	In vivo digestomics of milk proteins in human milk and infant formula using a suckling rat pup model. <i>Peptides</i> , 2017, 88, 18-31.	2.4	27
10	Casein materials show different digestion patterns using an in vitro gastrointestinal model and different release of glucagon-like peptide-1 by enteroendocrine GLUTag cells. <i>Food Chemistry</i> , 2019, 277, 423-431.	8.2	27
11	Highly Sensitive Quantitative Analysis of Nicotianamine Using LC/ESI-TOF-MS with an Internal Standard. <i>Bioscience, Biotechnology and Biochemistry</i> , 2007, 71, 435-441.	1.3	26
12	Bioactive peptides released by in vitro digestion of standard and hydrolyzed infant formulas. <i>Peptides</i> , 2015, 73, 101-105.	2.4	26
13	Bioactive peptides derived from human milk proteins: an update. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2020, 23, 217-222.	2.5	23
14	Metabolic Engineering of <i>Saccharomyces cerevisiae</i> Producing Nicotianamine: Potential for Industrial Biosynthesis of a Novel Antihypertensive Substrate. <i>Bioscience, Biotechnology and Biochemistry</i> , 2006, 70, 1408-1415.	1.3	18
15	The reduced/oxidized state of plasma albumin is modulated by dietary protein intake partly via albumin synthesis rate in rats. <i>Nutrition Research</i> , 2017, 37, 46-57.	2.9	18
16	An oxidized/reduced state of plasma albumin reflects malnutrition due to an insufficient diet in rats. <i>Journal of Clinical Biochemistry and Nutrition</i> , 2017, 60, 70-75.	1.4	16
17	Increased Ratio of Non-mercaptalbumin-1 Among Total Plasma Albumin Demonstrates Potential Protein Undernutrition in Adult Rats. <i>Frontiers in Nutrition</i> , 2018, 5, 64.	3.7	16
18	A More Oxidized Plasma Albumin Redox State and Lower Plasma HDL Particle Number Reflect Low-Protein Diet Ingestion in Adult Rats. <i>Journal of Nutrition</i> , 2019, 150, 256-266.	2.9	10

#	ARTICLE	IF	CITATIONS
19	Dietary cystine is important to maintain plasma mercaptalbumin levels in rats fed low-protein diets. Nutrition Research, 2018, 56, 79-89.	2.9	8
20	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.	3.7	7
21	Maternal Serum Albumin Redox State Is Associated with Infant Birth Weight in Japanese Pregnant Women. Nutrients, 2021, 13, 1764.	4.1	6
22	<sup>1</sup> 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.	2.3	3
23	Plasma albumin redox state is superior to conventional biomarkers to indicate the presence of potential protein undernutrition. Proceedings of the Nutrition Society, 2020, 79, .	1.0	0