

# Heon Sang Jeong

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

1,313  
citations

361296

20  
h-index

395590

33  
g-index

75  
all docs

75  
docs citations

75  
times ranked

1838  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Quality Characteristics of Noodle Made from Domestic Early Maturity and High Yield Wheat Cultivars. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2022, 51, 170-176.                      | 0.2 | 2         |
| 2  | Volatile Compounds in Different Parts of <i>Perilla frutescense</i> Seeds. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2022, 51, 237-244.   | 0.2 | 0         |
| 3  | Quality Characteristics of Sikhye Made with Special Rice and High-Yielding Rice. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2022, 51, 457-462.   | 0.2 | 2         |
| 4  | Physicochemical Properties of Rice Flour Suspension Treated by Ultrahigh Hydrostatic Pressure. <i>Journal of Food Quality</i> , 2021, 2021, 1-7.   | 1.4 | 4         |
| 5  | Protective Activity and Underlying Mechanism of Ginseng Seeds against UVB-Induced Damage in Human Fibroblasts. <i>Antioxidants</i> , 2021, 10, 403.  | 2.2 | 7         |
| 6  | Phenolic Compounds and Antioxidant Activities of 21 Different Rose Flower Cultivar. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 354-361.                                      | 0.2 | 4         |
| 7  | Comparison of Quality Characteristics on <i>Sulgidduk</i> Made from White and Pigmented Rice. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 725-731.                            | 0.2 | 4         |
| 8  | Effects of amount of added water on red yeast rice production using Korean soft rice variety "Hangaru". <i>International Journal of Food Engineering</i> , 2021, 17, 237-245.                                    | 0.7 | 1         |
| 9  | Quality Characteristics and Antioxidant Activities of Dumpling Shell Based on the Addition of Sorghum Powder Addition. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 1074-1081. | 0.2 | 0         |
| 10 | Changes in Sugar Content of Sweet Potatoes with Changes in Curing and Storage Conditions. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 1211-1217.                              | 0.2 | 4         |
| 11 | Quality Characteristics of Bread Made from Domestic Early Maturity and High Yield Wheat Cultivars. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2021, 50, 1358-1364.                     | 0.2 | 3         |
| 12 | Effect of calcium chloride and sucrose on the composition of bioactive compounds and antioxidant activities in buckwheat sprouts. <i>Food Chemistry</i> , 2020, 312, 126075.                                     | 4.2 | 28        |
| 13 | Neuroprotective effects of human neural stem cells over-expressing choline acetyltransferase in a middle cerebral artery occlusion model. <i>Journal of Chemical Neuroanatomy</i> , 2020, 103, 101730.           | 1.0 | 15        |
| 14 | Inhibitory effect of diosmetin on inflammation and lipolysis in coculture of adipocytes and macrophages. <i>Journal of Food Biochemistry</i> , 2020, 44, e13261.   | 1.2 | 16        |
| 15 | Influence of Thermal Processing on Free and Bound Forms of Phenolics and Antioxidant Capacity of Rice Hull ( <i>Oryza sativa</i> L.). <i>Preventive Nutrition and Food Science</i> , 2020, 25, 310-318.          | 0.7 | 9         |
| 16 | Jujube ( <i>Ziziphus jujuba</i> Mill.) Protects Hepatocytes against Alcohol-Induced Damage through Nrf2 Activation. <i>Evidence-based Complementary and Alternative Medicine</i> , 2020, 2020, 1-8.              | 0.5 | 11        |
| 17 | Deodorization of <i>Gastrodia elata</i> Blum Extracts using Diaion HP-20 Resin. <i>Korean Journal of Medicinal Crop Science</i> , 2020, 28, 29-37.   | 0.1 | 0         |
| 18 | Physical properties of surimi sausages subjected to high hydrostatic pressure treatment. <i>Food Science and Biotechnology</i> , 2019, 28, 1447-1453.  | 1.2 | 2         |

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|----|---|-----|-----------|
| 19 | Cooking Characteristics and Sensory Evaluation of Rice Cooked with Germinated Barley. International Journal of Food Engineering, 2019, 15, .  | 0.7 | 3         |
| 20 | Protective activity of caffeic acid and sinapic acid against UVB-induced photoaging in human fibroblasts. Journal of Food Biochemistry, 2019, 43, e12701.   | 1.2 | 27        |
| 21 | Antioxidative and antidiabetic effects of germinated rough rice extract in 3T3-L1 adipocytes and C57BLKS/J-db/db mice. Food and Nutrition Research, 2019, 63, .   | 1.2 | 9         |
| 22 | Changes in Free Sugar, Coixol Contents and Antioxidant Activities of Adlay Sprout (Coix lacryma-jobi) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Science, 2019, 27, 339-347.   | 0.1 | 14        |
| 23 | Quality Characteristics of Red Yeast Rice according to Three Varieties of Rice and Fermentation Periods. Journal of the Korean Society of Food Science and Nutrition, 2019, 48, 1391-1396.  | 0.2 | 1         |
| 24 | Effect of different cooking methods on the content of vitamins and true retention in selected vegetables. Food Science and Biotechnology, 2018, 27, 333-342.  | 1.2 | 79        |
| 25 | Effect of sucrose on the functional composition and antioxidant capacity of buckwheat (Fagopyrum) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf  | 1.6 | 37        |
| 26 | Influence of organic acids and heat treatment on ginsenoside conversion. Journal of Ginseng Research, 2018, 42, 532-539.  | 3.0 | 28        |
| 27 | Identification of anti-inflammatory active peptide from black soybean treated by high hydrostatic pressure after germination. Phytochemistry Letters, 2018, 27, 167-173.  | 0.6 | 16        |
| 28 | Preparation of black soybean (<i>Glycine max L</i>) extract with enhanced levels of phenolic compound and estrogenic activity using high hydrostatic pressure and pre-germination. High Pressure Research, 2018, 38, 177-192.                   | 0.4 | 8         |
| 29 | Effect of sorghum ethyl-acetate extract on benign prostatic hyperplasia induced by testosterone in Spragueâ€™Dawley rats. Bioscience, Biotechnology and Biochemistry, 2018, 82, 2101-2108.  | 0.6 | 5         |
| 30 | Variation of Isoflavone Contents and Classification Using Multivariate Analysis in Korean Soybean Varieties Released from 1913 to 2013. Han'guk Yukchong Hakhoe Chi, 2018, 50, 50-60.   | 0.2 | 4         |
| 31 | Comparison of Monacolin K and Antioxidant Components of Red Yeast Rice Produced by Germinated Brown Rice Using Normal and Processing Rice Cultivars. Journal of the Korean Society of Food Science and Nutrition, 2018, 47, 1344-1348.          | 0.2 | 1         |
| 32 | Comparison of functional components in various sweet potato leaves and stalks. Food Science and Biotechnology, 2017, 26, 97-103.  | 1.2 | 15        |
| 33 | Changes in the Functional Components of Barley Produced from Different Cultivars and Germination Periods. Cereal Chemistry, 2017, 94, 978-983.  | 1.1 | 4         |
| 34 | Nobiletin Attenuates the Inflammatory Response Through Heme Oxygenase-1 Induction in the Crosstalk Between Adipocytes and Macrophages. Journal of Medicinal Food, 2017, 20, 873-881.  | 0.8 | 23        |
| 35 | Antiâ€™Inflammatory Effects of Stearidonic Acid Mediated by Suppression of NFâ€™B and MAPâ€™Kinase Pathways in Macrophages. Lipids, 2017, 52, 781-787.  | 0.7 | 22        |
| 36 | Characteristics and in vitro anti-inflammatory activities of protein extracts from pre-germinated black soybean [ Glycine max (L.)] treated with high hydrostatic pressure. Innovative Food Science and Emerging Technologies, 2017, 43, 84-91. | 2.7 | 20        |

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|----|---|-----|-----------|
| 37 | Changes of phenolic-acids and vitamin E profiles on germinated rough rice ( <i>Oryza sativa</i> L.) treated by high hydrostatic pressure. <i>Food Chemistry</i> , 2017, 217, 106-111.   | 4.2 | 34        |
| 38 | Changes in Ginsenoside Compositions by High Temperature Processing under Various Soaking Conditions. <i>Food Science and Technology Research</i> , 2017, 23, 689-696.   | 0.3 | 0         |
| 39 | Antioxidant Contents and Antioxidant Activities of White and Colored Potatoes ( <i>Solanum tuberosum</i> ) Tj ETQq1 1 0.784314 rgBT /Ov<br>0.7 22   | 0.7 | 22        |
| 40 | Free and bound form bioactive compound profiles in germinated black soybean ( <i>Glycine max</i> L.). <i>Food Science and Biotechnology</i> , 2016, 25, 1551-1559.  | 1.2 | 30        |
| 41 | Isolation and Identification of an Antiproliferative Compound from Fructoseâ€“Tryptophan Maillard Reaction Products. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 3041-3047.   | 2.4 | 25        |
| 42 | Physicochemical and in vitro binding properties of barley Î²-glucan treated with hydrogen peroxide. <i>Food Chemistry</i> , 2016, 192, 729-735.   | 4.2 | 26        |
| 43 | Inhibitory effect of thiacremonone on MPTP-induced dopaminergic neurodegeneration through inhibition of p38 activation. <i>Oncotarget</i> , 2016, 7, 46943-46958.   | 0.8 | 23        |
| 44 | Isoflavone Composition and Estrogenic Activity of Germinated Soybeans ( <i>Glycine max</i> ) according to Variety. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2016, 45, 1430-1437.                          | 0.2 | 3         |
| 45 | Physiological Activities of Thiacremonone Produced in High Temperature and High Pressure Treated Garlic. <i>Preventive Nutrition and Food Science</i> , 2016, 21, 68-72.  | 0.7 | 1         |
| 46 | Tricin and Tricin 4'-O-(Threo-Î²-Guaiacylglyceryl) Ether Contents of Rice Hull ( <i>Oryza sativa</i> L.) with Heat Treatment and Germination. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2016, 45, 696-701. | 0.2 | 0         |
| 47 | Isolation and identification of a triclin 4"-O-(threo-Î²-guaiacylglyceryl) ether producing microorganism from germinated rice. <i>Korean Journal of Food Science and Technology</i> , 2016, 48, 361-365.                              | 0.0 | 0         |
| 48 | Physicochemical Properties of Î²-Glucan from Acid Hydrolyzed Barley. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 110-118.  | 0.7 | 13        |
| 49 | Characteristics of the Thermal Degradation of Glucose and Maltose Solutions. <i>Preventive Nutrition and Food Science</i> , 2015, 20, 102-109.  | 0.7 | 64        |
| 50 | Influence of Applied Pressure on Bioactive Compounds of Germinated Rough Rice ( <i>Oryza sativa</i> L.). <i>Food and Bioprocess Technology</i> , 2015, 8, 2176-2181.  | 2.6 | 20        |
| 51 | Isolation and identification of antiproliferative substances from ginseng fermented using <i>Ganoderma lucidum</i> mycelia. <i>Food Science and Biotechnology</i> , 2015, 24, 567-574.  | 1.2 | 4         |
| 52 | Optimization of extraction conditions of barley Î²-glucan by oxidation with hydrogen peroxide and heat treatment. <i>Journal of Cereal Science</i> , 2015, 65, 147-153.   | 1.8 | 2         |
| 53 | Changes in volatile compounds of waxy rice and gangjeong (a traditional Korean oil-puffed snack) under different steeping conditions. <i>Food Science and Biotechnology</i> , 2015, 24, 1565-1572.                                    | 1.2 | 6         |
| 54 | Synthesis using a model system of thiacremonone isolated from high temperature and high pressure treated garlic. <i>Food Science and Biotechnology</i> , 2015, 24, 1279-1284.   | 1.2 | 1         |

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|----|--|-----|-----------|
| 55 | Effects of high hydrostatic pressure treatment on the enhancement of functional components of germinated rough rice ( <i>Oryza sativa</i> L.). <i>Food Chemistry</i> , 2015, 166, 86-92.   | 4.2 | 54        |
| 56 | Effects of Acidic Treatments for Anthocyanin and Proanthocyanidin Extraction on Black Bean ( <i>Glycine max</i> Merrill.). <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2015, 44, 1594-1598.                           | 0.2 | 8         |
| 57 | Effect of <i>Monascus</i> Fermentation on Content of Monacolin K and Antioxidant Activities of Germinated Brown Rice. <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2015, 44, 1186-1193.                                | 0.2 | 3         |
| 58 | Optimum Extraction of Tricin and Tricin 4'-O-(threo- $\beta$ -guaiacylglyceryl) Ether (TTGE) from Rice Hull ( <i>Oryza sativa</i> L.). <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2015, 44, 1923-1926.               | 0.2 | 1         |
| 59 | Effect of milling time on antioxidant compounds and activities of methanol extracts of sorghum [ <i>Sorghum bicolor</i> (L.) Moench]. <i>Food Science and Biotechnology</i> , 2014, 23, 1741-1746.   | 1.2 | 12        |
| 60 | Changes in ginsenoside compositions and antioxidant activities of hydroponic-cultured ginseng roots and leaves with heating temperature. <i>Journal of Ginseng Research</i> , 2014, 38, 180-186.   | 3.0 | 58        |
| 61 | Anti-Cancer Effect of Thiacremonone through Down Regulation of Peroxiredoxin 6. <i>PLoS ONE</i> , 2014, 9, e91508.   | 1.1 | 23        |
| 62 | 2,4-bis(4-hydroxyphenyl)butenal has an antiproliferative effect on NSCLC cells induced by p38 MAPK-mediated suppression of NF- $\kappa$ B and up-regulation of TNFRSF10B (DR5). <i>British Journal of Pharmacology</i> , 2013, 168, 1471-1484. | 2.7 | 19        |
| 63 | Antioxidant and antiproliferation activities of winter cereal crops before and after germination. <i>Food Science and Biotechnology</i> , 2013, 22, 181-186.   | 1.2 | 9         |
| 64 | Effects of High Pressure Treatment on Antioxidant Compounds and Activity of Germinated Rough Rice ( <i>Oryza sativa</i> L.). <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2013, 42, 1783-1791.                         | 0.2 | 6         |
| 65 | Enzyme Inhibition Activities of Ethanol Extracts from Germinating Rough Rice ( <i>Oryza sativa</i> L.). <i>Journal of the Korean Society of Food Science and Nutrition</i> , 2013, 42, 917-923.  | 0.2 | 6         |
| 66 | Isolation and Identification of the Antioxidant DDMP from Heated Pear ( <i>Pyrus pyrifolia</i> Nakai). <i>Preventive Nutrition and Food Science</i> , 2013, 18, 76-79.   | 0.7 | 24        |
| 67 | Effects of Heat Treatment on Antioxidant Activity of Hydrolyzed Mung Beans. <i>Korean Journal of Food Science and Technology</i> , 2013, 45, 34-39.  | 0.0 | 8         |
| 68 | Preventive effect of thiacremonone on the hepatocarcinogenesis initiated by N-nitrosodiethylamine in rats. <i>Food Science and Biotechnology</i> , 2012, 21, 1277-1284.  | 1.2 | 3         |
| 69 | Isolation and identification of an antiproliferative substance from fructose-tyrosine Maillard reaction products. <i>Food Chemistry</i> , 2012, 130, 547-551.  | 4.2 | 14        |
| 70 | Chemical and functional components in different parts of rough rice ( <i>Oryza sativa</i> L.) before and after germination. <i>Food Chemistry</i> , 2012, 134, 288-293.  | 4.2 | 119       |
| 71 | Proteomics Analysis of Embryo and Endosperm from Mature Common Buckwheat Seeds. <i>Journal of Plant Biology</i> , 2011, 54, 81-91.   | 0.9 | 8         |
| 72 | Biological activities of Maillard reaction products (MRPs) in a sugar-amino acid model system. <i>Food Chemistry</i> , 2011, 126, 221-227.   | 4.2 | 153       |

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|----|---|-----|-----------|
| 73 | Thermal Degradation Characteristics and Antioxidant Activity of Fructose Solution with Heating Temperature and Time. <i>Journal of Medicinal Food</i> , 2011, 14, 167-172.  | 0.8 | 21        |
| 74 | Free radical scavenging, angiotensin I-converting enzyme (ACE) inhibitory, and in vitro anticancer activities of ramie ( <i>Boehmeria nivea</i> ) leaves extracts. <i>Food Science and Biotechnology</i> , 2010, 19, 383-390. | 1.2 | 19        |
| 75 | Changes in ginsenosides and antioxidant activity of Korean ginseng ( <i>Panax ginseng</i> C.A. Meyer) with Heating Temperature and Pressure. <i>Food Science and Biotechnology</i> , 2010, 19, 941-949.                       | 1.2 | 43        |