Kil Sun Yoo

List of Publications by Year
in descending order

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15	453	840776 11	888059 17
papers	citations	h-index	g-index

17	17	17	401
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Determination of flavor precursor compound S-alk(en)yl-l-cysteine sulfoxides by an HPLC method and their distribution in Allium species. Scientia Horticulturae, 1998, 75, 1-10.	3.6	91
2	Differences in onion pungency due to cultivars, growth environment, and bulb sizes. Scientia Horticulturae, 2006, 110, 144-149.	3.6	50
3	Determination of background pyruvic acid concentrations in onions, Allium species, and other vegetables. Scientia Horticulturae, 2001, 89, 249-256.	3.6	46
4	Characterization of Shortday Onion Cultivars of 3 Pungency Levels with Flavor Precursor, Free Amino Acid, Sulfur, and Sugar Contents. Journal of Food Science, 2009, 74, C475-80.	3.1	42
5	Clonal variations of pungency, sugar content, and bulb weight of onions due to sulphur nutrition. Scientia Horticulturae, 1997, 71, 131-136.	3.6	39
6	Effect of foliar application of fulvic acid on plant growth and fruit quality of tomato (Lycopersicon) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	2.1	33
7	Tuber growth and quality of potato (Solanum tuberosum L.) as affected by foliar or soil application of fulvic and humic acids. Horticulture Environment and Biotechnology, 2014, 55, 183-189.	2.1	32
8	Development of an automated system for pyruvic acid analysis in onion breeding. Scientia Horticulturae, 1999, 82, 193-201.	3.6	31
9	A Simplified Pyruvic Acid Analysis Suitable for Onion Breeding Programs. Hortscience: A Publication of the American Society for Hortcultural Science, 1995, 30, 1306.	1.0	31
10	Measurement of total phenolic content in wine using an automatic Folinâ€“Ciocalteu assay method. International Journal of Food Science and Technology, 2014, 49, 2364-2372.	2.7	18
11	Significant Variation Exists Among Laboratories Measuring Onion Bulb Quality Traits. Hortscience: A Publication of the American Society for Hortcultural Science, 2002, 37, 1086-1087.	1.0	17
12	Underestimation of Pyruvic Acid Concentrations by Fructose and Cysteine in 2,4â€Dinitrophenylhydrazineâ€Mediated Onion Pungency Test. Journal of Food Science, 2011, 76, C1136-42.	3.1	10
13	Improved Consistency in DNPHâ€Mediated Pyruvic Acid Analysis of Onion Juice by Modifying the Sample Processing Order. Journal of Food Science, 2011, 76, C162-7.	3.1	4
14	A comparison of juice extraction methods in the pungency measurement of onion bulbs. Journal of the Science of Food and Agriculture, 2016, 96, 735-741.	3.5	2
15	Effects of bolting and flower stem removal on the growth and chemical qualities of onion bulbs. Horticulture Environment and Biotechnology, 2016, 57, 132-138.	2.1	2