

Sin-Ae Park

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

915
citations

430874

18
h-index

501196

28
g-index

48
all docs

48
docs citations

48
times ranked

585
citing authors

#	ARTICLE	IF	CITATIONS
1	Physiological and Psychological Responses to Coding Combined with Horticultural Activity. Hortscience: A Publication of the American Society for Horticultural Science, 2022, 57, 154-163.	1.0	2
2	Effects of Olfactory Stimulation with Aroma Oils on Psychophysiological Responses of Female Adults. International Journal of Environmental Research and Public Health, 2022, 19, 5196.	2.6	11
3	Physiological Responses of Adults during Soil-mixing Activities Based on the Presence of Soil Microorganisms: A Metabolomics Approach. Journal of the American Society for Horticultural Science, 2022, 147, 135-144.	1.0	6
4	Psychophysiological Responses of Adults According to Cognitive Demand Levels for Horticultural Activities. Sustainability, 2022, 14, 8252.	3.2	0
5	Horticultural therapy program for mental health of prisoners: Case report. Integrative Medicine Research, 2021, 10, 100495.	1.8	7
6	Improving Children's Emotional Health through Installing Biowalls in Classrooms. Journal of People, Plants, and Environment, 2021, 24, 29-38.	0.6	0
7	Comparing Concentration Levels and Emotional States of Children Using Electroencephalography during Horticultural and Nonhorticultural Activities. Hortscience: A Publication of the American Society for Horticultural Science, 2021, 56, 324-329.	1.0	11
8	Improved Cognitive Function and Emotional Condition Measured Using Electroencephalography in the Elderly during Horticultural Activities. Hortscience: A Publication of the American Society for Horticultural Science, 2021, 56, 985-994.	1.0	7
9	Attention and Emotional States during Horticultural Activities of Adults in 20s Using Electroencephalography: A Pilot Study. Sustainability, 2021, 13, 12968.	3.2	6
10	Physiological and Psychological Effects of Visual Stimulation with Green Plant Types. International Journal of Environmental Research and Public Health, 2021, 18, 12932.	2.6	13
11	Care Farming Program for Family Health: A Pilot Study with Mothers and Children. International Journal of Environmental Research and Public Health, 2020, 17, 27.	2.6	9
12	A Horticultural Therapy Program Focused on Succulent Cultivation for the Vocational Rehabilitation Training of Individuals with Intellectual Disabilities. International Journal of Environmental Research and Public Health, 2020, 17, 1303.	2.6	4
13	Horticultural therapy program for improving emotional well-being of elementary school students: an observational study. Integrative Medicine Research, 2020, 9, 37-41.	1.8	10
14	Metabolite Profiling Revealed That a Gardening Activity Program Improves Cognitive Ability Correlated with BDNF Levels and Serotonin Metabolism in the Elderly. International Journal of Environmental Research and Public Health, 2020, 17, 541.	2.6	37
15	Foliage Plants Improve Concentration and Emotional Condition of Elementary School Students Performing an Intensive Assignment. Hortscience: A Publication of the American Society for Horticultural Science, 2020, 55, 378-385.	1.0	10
16	Benefits of Gardening Activities for Cognitive Function According to Measurement of Brain Nerve Growth Factor Levels. International Journal of Environmental Research and Public Health, 2019, 16, 760.	2.6	26
17	Real Foliage Plants as Visual Stimuli to Improve Concentration and Attention in Elementary Students. International Journal of Environmental Research and Public Health, 2019, 16, 796.	2.6	31
18	Analysis of the Emotional Effects of Agricultural Experience Program Based on Social Emotional Learning Theory in Elementary School Students. Journal of Korean Society of Rural Planning, 2019, 25, 87-97.	0.1	2

#	ARTICLE	IF	CITATIONS
19	Developing evaluation scales for horticultural therapy. <i>Complementary Therapies in Medicine</i> , 2018, 37, 29-36.	2.7	7
20	Assessment of the psychopathological effects of a horticultural therapy program in patients with schizophrenia. <i>Complementary Therapies in Medicine</i> , 2018, 36, 54-58.	2.7	36
21	Reduced stress and improved physical functional ability in elderly with mental health problems following a horticultural therapy program. <i>Complementary Therapies in Medicine</i> , 2018, 38, 19-23.	2.7	76
22	Kinematic and Kinetic Analysis of Horticultural Activities for Postural Control and Balance Training. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2018, 53, 1541-1552.	1.0	1
23	Horticultural therapy program for middle-aged women's depression, anxiety, and self-identify. <i>Complementary Therapies in Medicine</i> , 2018, 39, 154-159.	2.7	28
24	Survey on Demand and Operation Status of Care Farms in South Korea. <i>Journal of People, Plants, and Environment</i> , 2018, 21, 1-13.	0.6	5
25	Gardening Intervention as a Low- to Moderate-Intensity Physical Activity for Improving Blood Lipid Profiles, Blood Pressure, Inflammation, and Oxidative Stress in Women over the Age of 70: A Pilot Study. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2017, 52, 200-205.	1.0	29
26	Comparison of Physiological and Psychological Relaxation Using Measurements of Heart Rate Variability, Prefrontal Cortex Activity, and Subjective Indexes after Completing Tasks with and without Foliage Plants. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1087.	2.6	48
27	Foliage Plants Cause Physiological and Psychological Relaxation as Evidenced by Measurements of Prefrontal Cortex Activity and Profile of Mood States. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2016, 51, 1308-1312.	1.0	43
28	Horticultural Activity Program for Improving Emotional Intelligence, Prosocial Behavior, and Scientific Investigation Abilities and Attitudes in Kindergarteners. <i>HortTechnology</i> , 2016, 26, 754-761.	0.9	14
29	Physiological and psychological responses of humans to the index of greenness of an interior space. <i>Complementary Therapies in Medicine</i> , 2016, 28, 37-43.	2.7	46
30	Ferric-chelate reductase activity is a limiting factor in iron uptake in spinach and kale roots. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 462-469.	2.1	7
31	Using thermography to estimate leaf transpiration rates in cut roses for the development of vase life prediction models. <i>Horticulture Environment and Biotechnology</i> , 2016, 57, 53-60.	2.1	7
32	Gardening Intervention for Physical and Psychological Health Benefits in Elderly Women at Community Centers. <i>HortTechnology</i> , 2016, 26, 474-483.	0.9	40
33	Horticultural Therapy Program Based on the Stress Immunization Training for Reducing Depression Symptom in the Patients with Stroke. <i>Journal of People, Plants, and Environment</i> , 2015, 18, 159-167.	0.6	2
34	A Comparison of Exercise Intensity between Two Horticultural and Four Common Physical Activities among Male Adults in Their 20s. <i>Horticultural Science and Technology</i> , 2015, 33, 133-142.	0.6	4
35	Concentrations of minerals and phenolic compounds in three edible sprout species treated with iron-chelates during imbibition. <i>Horticulture Environment and Biotechnology</i> , 2014, 55, 471-478.	2.1	18
36	Metabolic Costs of Daily Activities in Community-Dwelling Older Adults. <i>International Journal of Gerontology</i> , 2014, 8, 228-229.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Gardening Tasks Performed by Adults are Moderate- to High-Intensity Physical Activities. HortTechnology, 2014, 24, 58-63.	0.9	26
38	Improving Peer Relations of Elementary School Students through a School Gardening Program. HortTechnology, 2014, 24, 181-187.	0.9	11
39	Electromyographic Analysis of Upper and Lower Limb Muscles during Gardening Tasks. Horticultural Science and Technology, 2014, 32, 710-720.	0.6	8
40	Electromyographic Analysis of Upper Limb and Hand Muscles during Horticultural Activity Motions. HortTechnology, 2013, 23, 51-56.	0.9	16
41	Metabolic Cost of Horticulture Activities in Older Adults. Japanese Society for Horticultural Science, 2012, 81, 295-299.	0.8	19
42	PRACTICE OF HORTICULTURAL THERAPY IN SOUTH KOREA. Acta Horticulturae, 2012, , 179-185.	0.2	5
43	Measuring Range of Motion and Muscle Activation of Flower Arrangement Tasks and Application for Improving Upper Limb Function. Horticultural Science and Technology, 2012, 30, 449-462.	0.6	6
44	Determining Exercise Intensities of Gardening Tasks as a Physical Activity Using Metabolic Equivalents in Older Adults. Hortscience: A Publication of the American Society for Horticultural Science, 2011, 46, 1706-1710.	1.0	49
45	Observing Body Position of Older Adults While Gardening for Health Benefits and Risks. Activities, Adaptation and Aging, 2009, 33, 31-38.	2.4	28
46	Physical and Psychological Health Conditions of Older Adults Classified as Gardeners or Nongardeners. Hortscience: A Publication of the American Society for Horticultural Science, 2009, 44, 206-210.	1.0	68
47	A Preliminary Investigation on Exercise Intensities of Gardening Tasks in Older Adults. Perceptual and Motor Skills, 2008, 107, 974-980.	1.3	20
48	Can Older Gardeners Meet the Physical Activity Recommendation through Gardening?. HortTechnology, 2008, 18, 639-643.	0.9	50