

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	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
2	Physical and Psychological Health Conditions of Older Adults Classified as Gardeners or Nongardeners. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2009, 44, 206-210.	1.0	68
3	Can Older Gardeners Meet the Physical Activity Recommendation through Gardening?. <i>HortTechnology</i> , 2008, 18, 639-643.	0.9	50
4	Determining Exercise Intensities of Gardening Tasks as a Physical Activity Using Metabolic Equivalents in Older Adults. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2011, 46, 1706-1710.	1.0	49
5	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
6	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
7	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
8	Gardening Intervention for Physical and Psychological Health Benefits in Elderly Women at Community Centers. <i>HortTechnology</i> , 2016, 26, 474-483.	0.9	40
9	Metabolite Profiling Revealed That a Gardening Activity Program Improves Cognitive Ability Correlated with BDNF Levels and Serotonin Metabolism in the Elderly. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 541.	2.6	37
10	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
11	Real Foliage Plants as Visual Stimuli to Improve Concentration and Attention in Elementary Students. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 796.	2.6	31
12	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
13	Observing Body Position of Older Adults While Gardening for Health Benefits and Risks. <i>Activities, Adaptation and Aging</i> , 2009, 33, 31-38.	2.4	28
14	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
15	Benefits of Gardening Activities for Cognitive Function According to Measurement of Brain Nerve Growth Factor Levels. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 760.	2.6	26
16	Gardening Tasks Performed by Adults are Moderate- to High-Intensity Physical Activities. <i>HortTechnology</i> , 2014, 24, 58-63.	0.9	26
17	A Preliminary Investigation on Exercise Intensities of Gardening Tasks in Older Adults. <i>Perceptual and Motor Skills</i> , 2008, 107, 974-980.	1.3	20
18	Metabolic Cost of Horticulture Activities in Older Adults. <i>Japanese Society for Horticultural Science</i> , 2012, 81, 295-299.	0.8	19

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19	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
20	Electromyographic Analysis of Upper Limb and Hand Muscles during Horticultural Activity Motions. <i>HortTechnology</i> , 2013, 23, 51-56.	0.9	16
21	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
22	Physiological and Psychological Effects of Visual Stimulation with Green Plant Types. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12932.	2.6	13
23	Comparing Concentration Levels and Emotional States of Children Using Electroencephalography during Horticultural and Nonhorticultural Activities. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2021, 56, 324-329.	1.0	11
24	Improving Peer Relations of Elementary School Students through a School Gardening Program. <i>HortTechnology</i> , 2014, 24, 181-187.	0.9	11
25	Effects of Olfactory Stimulation with Aroma Oils on Psychophysiological Responses of Female Adults. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 5196.	2.6	11
26	Horticultural therapy program for improving emotional well-being of elementary school students: an observational study. <i>Integrative Medicine Research</i> , 2020, 9, 37-41.	1.8	10
27	Foliage Plants Improve Concentration and Emotional Condition of Elementary School Students Performing an Intensive Assignment. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2020, 55, 378-385.	1.0	10
28	Care Farming Program for Family Health: A Pilot Study with Mothers and Children. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 27.	2.6	9
29	Electromyographic Analysis of Upper and Lower Limb Muscles during Gardening Tasks. <i>Horticultural Science and Technology</i> , 2014, 32, 710-720.	0.6	8
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	Developing evaluation scales for horticultural therapy. <i>Complementary Therapies in Medicine</i> , 2018, 37, 29-36.	2.7	7
33	Horticultural therapy program for mental health of prisoners: Case report. <i>Integrative Medicine Research</i> , 2021, 10, 100495.	1.8	7
34	Improved Cognitive Function and Emotional Condition Measured Using Electroencephalography in the Elderly during Horticultural Activities. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2021, 56, 985-994.	1.0	7
35	Metabolic Costs of Daily Activities in Community-Dwelling Older Adults. <i>International Journal of Gerontology</i> , 2014, 8, 228-229.	0.6	6
36	Measuring Range of Motion and Muscle Activation of Flower Arrangement Tasks and Application for Improving Upper Limb Function. <i>Horticultural Science and Technology</i> , 2012, 30, 449-462.	0.6	6

#	ARTICLE	IF	CITATIONS
37	Attention and Emotional States during Horticultural Activities of Adults in 20s Using Electroencephalography: A Pilot Study. <i>Sustainability</i> , 2021, 13, 12968.	3.2	6
38	Physiological Responses of Adults during Soil-mixing Activities Based on the Presence of Soil Microorganisms: A Metabolomics Approach. <i>Journal of the American Society for Horticultural Science</i> , 2022, 147, 135-144.	1.0	6
39	PRACTICE OF HORTICULTURAL THERAPY IN SOUTH KOREA. <i>Acta Horticulturae</i> , 2012, , 179-185.	0.2	5
40	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
41	A Horticultural Therapy Program Focused on Succulent Cultivation for the Vocational Rehabilitation Training of Individuals with Intellectual Disabilities. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1303.	2.6	4
42	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
43	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
44	Analysis of the Emotional Effects of Agricultural Experience Program Based on Social Emotional Learning Theory in Elementary School Students. <i>Journal of Korean Society of Rural Planning</i> , 2019, 25, 87-97.	0.1	2
45	Physiological and Psychological Responses to Coding Combined with Horticultural Activity. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2022, 57, 154-163.	1.0	2
46	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
47	Improving Children's Emotional Health through Installing Biowalls in Classrooms. <i>Journal of People, Plants, and Environment</i> , 2021, 24, 29-38.	0.6	0
48	Psychophysiological Responses of Adults According to Cognitive Demand Levels for Horticultural Activities. <i>Sustainability</i> , 2022, 14, 8252.	3.2	0