

# Psychological effects of forest environments on healthy

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Associations of neighbourhood greenness with physical and mental health: do walking, social coherence and local social interaction explain the relationships?. <i>Journal of Epidemiology and Community Health</i> , 2008, 62, e9-e9.	2.0	570
2	Visiting a Forest, but Not a City, Increases Human Natural Killer Activity and Expression of Anti-Cancer Proteins. <i>International Journal of Immunopathology and Pharmacology</i> , 2008, 21, 117-127.	1.0	256
3	Neuropharmacological activities of phytoncide released from <i>Cryptomeria japonica</i> . <i>Journal of Wood Science</i> , 2009, 55, 27-31.	0.9	47
4	Associations Between Neighborhood Open Space Attributes and Quality of Life for Older People in Britain. <i>Environment and Behavior</i> , 2009, 41, 3-21.	2.1	176
5	A review of ecotherapy as an adjunct form of treatment for those who use mental health services. <i>Journal of Public Mental Health</i> , 2009, 7, 23-35.	0.8	26
6	Landscape with Snow. <i>Landscapes (United Kingdom)</i> , 2009, 10, 1-18.	0.2	2
7	Two Thirds of Forest Walkers with Japanese Cedar Pollinosis Visit Forests even During the Pollen Season. <i>Allergology International</i> , 2009, 58, 383-388.	1.4	11
9	Effect of forest bathing trips on human immune function. <i>Environmental Health and Preventive Medicine</i> , 2010, 15, 9-17.	1.4	344
10	Promoting human health through forests: overview and major challenges. <i>Environmental Health and Preventive Medicine</i> , 2010, 15, 1-8.	1.4	167
11	Trends in research related to "Shinrin-yoku" (taking in the forest atmosphere or forest bathing) in Japan. <i>Environmental Health and Preventive Medicine</i> , 2010, 15, 27-37.	1.4	271
12	Favorite green, waterside and urban environments, restorative experiences and perceived health in Finland. <i>Health Promotion International</i> , 2010, 25, 200-209.	0.9	202
13	Perceived and objectively measured greenness of neighbourhoods: Are they measuring the same thing?. <i>Landscape and Urban Planning</i> , 2010, 95, 28-33.	3.4	169
14	Hostility in the Real World and Online: The Effect of Internet Addiction, Depression, and Online Activity. <i>Cyberpsychology, Behavior, and Social Networking</i> , 2011, 14, 649-655.	2.1	54
15	Relationship between psychological responses and physical environments in forest settings. <i>Landscape and Urban Planning</i> , 2011, 102, 24-32.	3.4	226
16	Effect of forest bathing on physiological and psychological responses in young Japanese male subjects. <i>Public Health</i> , 2011, 125, 93-100.	1.4	388
19	Workplace Design Contributions to Mental Health and Well-Being. <i>HealthcarePapers</i> , 2011, 11, 38-46.	0.2	25
20	Walking in "wild" and "tended" urban forests: The impact on psychological well-being. <i>Journal of Environmental Psychology</i> , 2011, 31, 36-44.	2.3	171
21	The restorative benefits of walking in urban and rural settings in adults with good and poor mental health. <i>Health and Place</i> , 2011, 17, 103-113.	1.5	243

#	ARTICLE	IF	CITATIONS
22	No association between the frequency of forest walking and blood pressure levels or the prevalence of hypertension in a cross-sectional study of a Japanese population. <i>Environmental Health and Preventive Medicine</i> , 2011, 16, 299-306.	1.4	25
23	A before and after comparison of the effects of forest walking on the sleep of a community-based sample of people with sleep complaints. <i>BioPsychoSocial Medicine</i> , 2011, 5, 13.	0.9	72
24	Looking at the landscape of adventure therapy: making links to theory and practice. <i>Journal of Adventure Education and Outdoor Learning</i> , 2011, 11, 83-90.	1.2	12
25	A systematic review of randomized controlled trials on curative and health enhancement effects of forest therapy. <i>Psychology Research and Behavior Management</i> , 2012, 5, 85.	1.3	28
26	Differently Designed Parts of a Garden Support Different Types of Recreational Walks: Evaluating a Healing Garden by Participatory Observation. <i>Landscape Research</i> , 2012, 37, 519-537.	0.7	9
27	Streetscape greenery and health: Stress, social cohesion and physical activity as mediators. <i>Social Science and Medicine</i> , 2013, 94, 26-33.	1.8	668
28	Characteristics of volatile organic compounds (VOCs) emitted from building materials to improve indoor air quality: focused on natural VOCs. <i>Air Quality, Atmosphere and Health</i> , 2013, 6, 737-746.	1.5	36
29	Exploring imagined therapeutic landscapes: trainee social care practitioners in Ireland. <i>Irish Geography</i> , 2013, 46, 79-90.	0.2	4
30	Cultivating deep care: integrating landscape ecological research into the cultural dimension of ecosystem services. <i>Landscape Ecology</i> , 2013, 28, 1025-1038.	1.9	30
31	A randomised control trial of physical activity in a perceived environment on self-esteem and mood in UK adolescents. <i>International Journal of Environmental Health Research</i> , 2013, 23, 311-320.	1.3	35
33	Nature imagery in advertising. <i>International Journal of Advertising</i> , 2013, 32, 183-210.	4.2	62
35	The effectiveness of a forest therapy (shinrin-yoku) program for girls aged 12 to 14 years: A crossover study. <i>Stress Science Research</i> , 2013, 28, 82-89.	0.0	16
36	The Health Effects of a Forest Environment on Subclinical Cardiovascular Disease and Health-Related Quality of Life. <i>PLoS ONE</i> , 2014, 9, e103231.	1.1	25
37	Emotional, Restorative and Vitalizing Effects of Forest and Urban Environments at Four Sites in Japan. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 7207-7230.	1.2	182
38	Impact of Viewing vs. Not Viewing a Real Forest on Physiological and Psychological Responses in the Same Setting. <i>International Journal of Environmental Research and Public Health</i> , 2014, 11, 10883-10901.	1.2	61
39	Trees and us. , 0, , 376-386.		0
40	The impact of the natural environment on the promotion of active living: An integrative systematic review. <i>BMC Public Health</i> , 2014, 14, 873.	1.2	113
41	Communing with Nature. <i>Issues in Mental Health Nursing</i> , 2014, 35, 975-978.	0.6	5

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42	Influence of Forest Therapy on Cardiovascular Relaxation in Young Adults. Evidence-based Complementary and Alternative Medicine, 2014, 2014, 1-7.	0.5	182
43	How forests foster human health – Present state of research-based knowledge (in the field of Forests) Tj ETQq1 1,0,784314,rgBT /O	0.3	22
44	Evaluation of a Passive Nature Viewing Program Set to Music. Journal of Holistic Nursing, 2014, 32, 219-225.	0.6	1
45	Spatial Experiences of Female Cancer Survivors. Home Health Care Management and Practice, 2014, 26, 122-133.	0.4	0
46	The influence of urban green environments on stress relief measures: A field experiment. Journal of Environmental Psychology, 2014, 38, 1-9.	2.3	666
47	Constructing thermal comfort: Investigating the effect of vegetation on indoor thermal comfort through a four season thermal comfort quasi-experiment. Building and Environment, 2014, 81, 410-426.	3.0	38
50	Influence des plantes d'intérieur et d'extérieur sur la santé: Synthèse des recherches.. Canadian Psychology, 2015, 56, 405-425.	1.4	3
51	«Nature's effect on my mind» Patients' qualitative experiences of a forest-based rehabilitation programme. Urban Forestry and Urban Greening, 2015, 14, 607-614.	2.3	71
52	Effect of Forest Walking on Autonomic Nervous System Activity in Middle-Aged Hypertensive Individuals: A Pilot Study. International Journal of Environmental Research and Public Health, 2015, 12, 2687-2699.	1.2	119
53	Sense of Well-Being in Patients with Fibromyalgia: Aerobic Exercise Program in a Mature Forest – A Pilot Study. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-9.	0.5	27
54	Effects of Bergamot (<b><i>Citrus bergamia</i></b> (Risso) Wright & Arn.) Essential Oil Aromatherapy on Mood States, Parasympathetic Nervous System Activity, and Salivary Cortisol Levels in 41 Healthy Females. Complementary Medicine Research, 2015, 22, 43-49.	0.5	57
55	Exploring connections among nature, biodiversity, ecosystem services, and human health and well-being: Opportunities to enhance health and biodiversity conservation. Ecosystem Services, 2015, 12, 1-15.	2.3	767
56	Therapeutic micro-environments in the Edgelands: A thematic analysis of Richard Mabey's The Unofficial Countryside. Social Science and Medicine, 2015, 133, 280-286.	1.8	11
57	Forests for wood production and stress recovery: trade-offs in long-term forest management planning. European Journal of Forest Research, 2015, 134, 755-767.	1.1	11
58	Environmental value of green spaces in Japan: An application of the life satisfaction approach. Ecological Economics, 2015, 120, 1-12.	2.9	51
59	From economic survival to recreation: contemporary uses of wild food and medicine in rural Sweden, Ukraine and NW Russia. Journal of Ethnobiology and Ethnomedicine, 2015, 11, 53.	1.1	81
60	Forest adjuvant anti-cancer therapy to enhance natural cytotoxicity in urban women with breast cancer: A preliminary prospective interventional study. European Journal of Integrative Medicine, 2015, 7, 474-478.	0.8	36
61	Green Exercise. , 0, , .		57

#	ARTICLE	IF	CITATIONS
62	Leisure-time activities and psychological distress in a suburban community in Japan. <i>Preventive Medicine Reports</i> , 2016, 4, 1-5.	0.8	12
63	Constructing hybrid infrastructure: Exploring the potential ecological, social, and economic benefits of integrating municipal infrastructure into constructed environments. <i>Cities</i> , 2016, 55, 165-179.	2.7	18
64	Effects of VOCs from leaves of <i>Acer truncatum</i> Bunge and <i>Cedrus deodara</i> on human physiology and psychology. <i>Urban Forestry and Urban Greening</i> , 2016, 19, 29-34.	2.3	24
65	Taking your mind for a walk: a qualitative investigation of walking and thinking among nine Norwegian academics. <i>Higher Education</i> , 2016, 71, 593-605.	2.8	22
66	Understanding Knowledge Workers's Interactions With Workplace Greenspace. <i>Environment and Behavior</i> , 2017, 49, 314-338.	2.1	21
67	Therapeutic landscapes and non-human animals: the roles and contested positions of animals within care farming assemblages. <i>Social and Cultural Geography</i> , 2017, 18, 315-335.	1.6	64
68	Individual reactions to viewing preferred video representations of the natural environment: comparison of mental and physical reactions. <i>Japan Journal of Nursing Science</i> , 2017, 14, 3-12.	0.5	31
69	Effects of viewing forest landscape on middle-aged hypertensive men. <i>Urban Forestry and Urban Greening</i> , 2017, 21, 247-252.	2.3	81
70	Bringing nature to work: Preferences and perceptions of constructed indoor and natural outdoor workspaces. <i>Urban Forestry and Urban Greening</i> , 2017, 23, 1-12.	2.3	39
72	The social and economic value of cultural ecosystem services provided by urban forests in North America: A review and suggestions for future research. <i>Urban Forestry and Urban Greening</i> , 2017, 25, 103-111.	2.3	133
73	Nature in the Future Built Environment. , 2017, , .		0
74	Wandering intellectuals: establishing a research agenda on gender, walking, and thinking. <i>Gender, Place, and Culture</i> , 2017, 24, 515-533.	0.8	4
75	Beyond the Normalized Difference Vegetation Index (NDVI): Developing a Natural Space Index for population-level health research. <i>Environmental Research</i> , 2017, 159, 474-483.	3.7	88
76	Climatotherapy in Japan: a pilot study. <i>International Journal of Biometeorology</i> , 2017, 61, 2141-2143.	1.3	8
77	Public and Community Transport. <i>Transport and Sustainability</i> , 2017, , 117-128.	0.2	3
78	Sustained effects of a forest therapy program on the blood pressure of office workers. <i>Urban Forestry and Urban Greening</i> , 2017, 27, 246-252.	2.3	53
79	Virtual and Imaginative Mobility: How Do We Bring the Outside Indoors and What Happens When Mobility is no Longer Available?. <i>Transport and Sustainability</i> , 2017, , 197-205.	0.2	5
80	The Salutary Influence of Forest Bathing on Elderly Patients with Chronic Heart Failure. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 368.	1.2	69

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81	The Effects of a Campus Forest-Walking Program on Undergraduate and Graduate Studentsâ€™ Physical and Psychological Health. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 728.	1.2	57
82	Shinrin-Yoku (Forest Bathing) and Nature Therapy: A State-of-the-Art Review. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 851.	1.2	370
83	Effects of Short Forest Bathing Program on Autonomic Nervous System Activity and Mood States in Middle-Aged and Elderly Individuals. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 897.	1.2	121
84	Health and well-being benefits of spending time in forests: systematic review. <i>Environmental Health and Preventive Medicine</i> , 2017, 22, 71.	1.4	160
85	Associations between Greenness, Impervious Surface Area, and Nighttime Lights on Biomarkers of Vascular Aging in Chennai, India. <i>Environmental Health Perspectives</i> , 2017, 125, 087003.	2.8	55
86	The effect of winter forest bathing on psychological relaxation of young Polish adults. <i>Urban Forestry and Urban Greening</i> , 2018, 29, 276-283.	2.3	148
87	Educational Philosophy for 21st Century Teachers. , 2018, , .		7
88	Les valeurs socioculturelles et monÃ©taires des services Ã©cologiques rendus par les parcs nationaux du QuÃ©bec. <i>Le Naturaliste Canadien</i> , 2018, 142, 36-49.	0.2	1
89	Current knowledge and future research directions for the monitoring and management of visitors in recreational and protected areas. <i>Journal of Outdoor Recreation and Tourism</i> , 2018, 21, 10-18.	1.3	78
90	Health-Related Effects of Short Stays at Mountain Meadows, a River and an Urban Siteâ€”Results from a Field Experiment. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2647.	1.2	24
91	Psychological Benefits of Walking through Forest Areas. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2804.	1.2	69
92	The Effects of Forest Bathing on Stress Recovery: Evidence from Middle-Aged Females of Taiwan. <i>Forests</i> , 2018, 9, 403.	0.9	70
93	Precision pharmacotherapy: psychiatry&rsquo;s future direction in preventing, diagnosing, and treating mental disorders. <i>Pharmacogenomics and Personalized Medicine</i> , 2018, Volume 11, 211-222.	0.4	31
94	Greenspace Ecotherapy Interventions: The Stress-Reduction Potential of Green Micro-Breaks Integrating Nature Connection and Mind-Body Skills. <i>Ecopsychology</i> , 2018, 10, 137-150.	0.8	15
95	Engaging with and Shaping Nature: A Nature-Based Intervention for Those with Mental Health and Behavioural Problems at the Westonbirt Arboretum in England. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2214.	1.2	16
96	Walking on sunshine: scoping review of the evidence for walking and mental health. <i>British Journal of Sports Medicine</i> , 2018, 52, 800-806.	3.1	134
98	Effects of Walking in Bamboo Forest and City Environments on Brainwave Activity in Young Adults. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018, 2018, 1-9.	0.5	76
99	The impact of an outdoor adventure program on positive adolescent development: a controlled crossover trial. <i>Journal of Outdoor and Environmental Education</i> , 2018, 21, 207-236.	0.7	15

#	ARTICLE	IF	CITATIONS
100	Effect of Greening Vacant Land on Mental Health of Community-Dwelling Adults. <i>JAMA Network Open</i> , 2018, 1, e180298.	2.8	266
101	Desert as therapeutic space: Cultural interpretation of embodied experience in sand therapy in Xinjiang, China. <i>Health and Place</i> , 2018, 53, 173-181.	1.5	33
102	Physiological Effects of Visual Stimulation with Forest Imagery. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 213.	1.2	73
103	Effects of auditory-visual combinations on perceived restorative potential of urban green space. <i>Applied Acoustics</i> , 2018, 141, 169-177.	1.7	80
104	Pretest-posttest field studies on psychological restoration: a descriptive review and reflections for the future. <i>Landscape Research</i> , 2019, 44, 493-505.	0.7	6
105	Behavioral and Physiological Interventions for Anxiety and Depression: An Overview of Nontraditional Methods. <i>Journal of Creativity in Mental Health</i> , 2019, 14, 455-464.	0.6	0
106	Subtypes of park use and self-reported psychological benefits among older adults: A multilevel latent class analysis approach. <i>Landscape and Urban Planning</i> , 2019, 190, 103605.	3.4	29
107	Physiological and Psychological Effects of Viewing Forests on Young Women. <i>Forests</i> , 2019, 10, 635.	0.9	34
108	A Scoping Review Mapping Research on Green Space and Associated Mental Health Benefits. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2081.	1.2	99
109	The Effect of Recreation in a Snow-Covered Forest Environment on the Psychological Wellbeing of Young Adults: Randomized Controlled Study. <i>Forests</i> , 2019, 10, 827.	0.9	42
110	Exploring Psychophysiological Restoration and Individual Preference in the Different Environments Based on Virtual Reality. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3102.	1.2	107
111	Urban forests increase spontaneous activity and improve emotional state of white mice. <i>Urban Forestry and Urban Greening</i> , 2019, 46, 126449.	2.3	3
112	The Influence of Forest Resting Environments on Stress Using Virtual Reality. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3263.	1.2	88
113	Comparison of surf and hike therapy for active duty service members with major depressive disorder: Study protocol for a randomized controlled trial of novel interventions in a naturalistic setting. <i>Contemporary Clinical Trials Communications</i> , 2019, 16, 100435.	0.5	2
114	Effects of Walking in a Forest on Young Women. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 229.	1.2	102
115	The Influence of Audio-Visual Interactions on Psychological Responses of Young People in Urban Green Areas: A Case Study in Two Parks in China. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1845.	1.2	19
116	A comparative study of the physiological and psychological effects of forest bathing (Shinrin-yoku) on working age people with and without depressive tendencies. <i>Environmental Health and Preventive Medicine</i> , 2019, 24, 46.	1.4	74
117	A good sound in the right place: Exploring the effects of auditory-visual combinations on aesthetic preference. <i>Urban Forestry and Urban Greening</i> , 2019, 43, 126356.	2.3	34

#	ARTICLE	IF	CITATIONS
118	Role of rehabilitation in chronic stress-induced exhaustion disorder: A narrative review. <i>Journal of Rehabilitation Medicine</i> , 2019, 51, 331-342.	0.8	34
119	Vital spaces and mental health. <i>Medical Humanities</i> , 2019, 45, 131-140.	0.6	11
120	Relation between Psychological Restorativeness and Lifestyle, Quality of Life, Resilience, and Stress-Coping in Forest Settings. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 1456.	1.2	40
121	Effects of forest bathing (shinrin-yoku) on levels of cortisol as a stress biomarker: a systematic review and meta-analysis. <i>International Journal of Biometeorology</i> , 2019, 63, 1117-1134.	1.3	132
122	Immersive Nature-Experiences as Health Promotion Interventions for Healthy, Vulnerable, and Sick Populations? A Systematic Review and Appraisal of Controlled Studies. <i>Frontiers in Psychology</i> , 2019, 10, 943.	1.1	45
123	Is it Really Nature That Restores People? A Comparison With Historical Sites With High Restorative Potential. <i>Frontiers in Psychology</i> , 2018, 9, 2742.	1.1	48
124	The Effects of a Short Forest Recreation Program on Physiological and Psychological Relaxation in Young Polish Adults. <i>Forests</i> , 2019, 10, 34.	0.9	65
125	Facial Expressions of Visitors in Forests along the Urbanization Gradient: What Can We Learn from Selfies on Social Networking Services?. <i>Forests</i> , 2019, 10, 1049.	0.9	34
126	Tell cancer to take a hike: post traumatic growth on the trail to recovery. <i>Leisure/ Loisir</i> , 2019, 43, 459-478.	0.6	9
127	Temporal and Spatial Variability of Volatile Organic Compounds in the Forest Atmosphere. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4915.	1.2	29
128	Benefits of A Three-Day Bamboo Forest Therapy Session on the Psychophysiology and Immune System Responses of Male College Students. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4991.	1.2	42
129	Tuesdays with Worry: appreciating nature with a dog at the end of life. <i>Leisure Studies</i> , 2019, 38, 317-328.	1.2	10
130	Bamboo forest therapy contributes to the regulation of psychological responses. <i>Journal of Forest Research</i> , 2019, 24, 61-70.	0.7	29
131	Who has access to urban vegetation? A spatial analysis of distributional green equity in 10 US cities. <i>Landscape and Urban Planning</i> , 2019, 181, 51-79.	3.4	297
132	Visitor's perceptions of the Forest Research Institute of Malaysia (FRIM) as an urban open space for environmental learning: results of a qualitative study. <i>Environment, Development and Sustainability</i> , 2019, 21, 1933-1945.	2.7	6
133	Is greenery associated with mental health among residents of aged care facilities? A systematic search and narrative review. <i>Aging and Mental Health</i> , 2020, 24, 1-7.	1.5	16
134	Green environments and cardiovascular health. <i>Trends in Cardiovascular Medicine</i> , 2020, 30, 241-246.	2.3	43
135	Effects of different landscape visual stimuli on psychophysiological responses in Chinese students. <i>Indoor and Built Environment</i> , 2020, 29, 1006-1016.	1.5	25



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136	The role of project management in threatened species recovery. <i>International Journal of Managing Projects in Business</i> , 2020, 13, 981-998.	1.3	3
137	Effects of Shinrin-Yoku (Forest Bathing) and Nature Therapy on Mental Health: a Systematic Review and Meta-analysis. <i>International Journal of Mental Health and Addiction</i> , 2022, 20, 337-361.	4.4	114
138	Connecting protected area visitor experiences, wellness motivations, and soundscape perceptions in Chilean Patagonia. <i>Journal of Leisure Research</i> , 2022, 53, 377-403.	1.0	14
139	Mental health rescue effects of women's outdoor tourism: A role in COVID-19 recovery. <i>Annals of Tourism Research</i> , 2020, 85, 103041.	3.7	93
140	Forest bathing: a narrative review of the effects on health for outdoor and environmental education use in Canada. <i>Journal of Outdoor and Environmental Education</i> , 2020, 23, 309-321.	0.7	15
141	Forest and Wellbeing: Bridging Medical and Forest Research for Effective Forest-Based Initiatives. <i>Forests</i> , 2020, 11, 791.	0.9	59
142	A Guide to Nature Immersion: Psychological and Physiological Benefits. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5989.	1.2	21
143	What Types of Greenspaces Are Associated with Depression in Urban and Rural Older Adults? A Multilevel Cross-Sectional Study from JAGES. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9276.	1.2	25
144	Perceived Loudness Sensitivity Influenced by Brightness in Urban Forests: A Comparison When Eyes Were Opened and Closed. <i>Forests</i> , 2020, 11, 1242.	0.9	14
145	The phantom chorus: birdsong boosts human well-being in protected areas. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20201811.	1.2	40
146	Shinrin-yoku (Forest Bathing) Reduces Stress and Increases People's Positive Affect and Well-Being in Comparison with Its Digital Counterpart. <i>Ecopsychology</i> , 2020, 12, 247-256.	0.8	17
147	Perceived benefits of parks: the roles of information source exposure and park use. <i>Journal of Sustainable Tourism</i> , 2020, 28, 1723-1742.	5.7	14
148	Physiological and Psychological Effects of Watching Videos of Different Durations Showing Urban Bamboo Forests with Varied Structures. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3434.	1.2	19
149	Benefits of a Three-Day Bamboo Forest Therapy Session on the Physiological Responses of University Students. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3238.	1.2	41
150	Today's protected areas: supporting a more sustainable future for humanity. <i>Integrative Zoology</i> , 2020, 15, 603-616.	1.3	9
151	The Restorative Effect of the Natural Environment on University Students' Psychological Health. <i>Journal of Environmental and Public Health</i> , 2020, 2020, 1-9.	0.4	10
152	â€˜Into the Wildâ€™: A meta-synthesis of talking therapy in natural outdoor spaces. <i>Clinical Psychology Review</i> , 2020, 77, 101841.	6.0	57
153	Urban Trees and Human Health: A Scoping Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 4371.	1.2	163

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154	The Effects of a Forest Therapy Programme on Mental Hospital Patients with Affective and Psychotic Disorders. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 118.	1.2	57
155	Soul work in social work. <i>Journal of Religion and Spirituality in Social Work</i> , 2020, 39, 188-203.	0.6	4
156	How Should Forests Be Characterized in Regard to Human Health? Evidence from Existing Literature. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1027.	1.2	36
157	Six-Step Model of Nature-Based Therapy Process. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 685.	1.2	22
158	Connecting to the trail: Natural spaces as places of healing. <i>Leisure Sciences</i> , 2022, 44, 1112-1127.	2.2	4
159	The effect of green walking on heart rate variability: A pilot crossover study. <i>Environmental Research</i> , 2020, 185, 109408.	3.7	29
160	The role of campus greenspace and meditation on college students' mood disturbance. <i>Journal of American College Health</i> , 2022, 70, 99-106.	0.8	15
161	Beyond restorative benefits: Evaluating the effect of forest therapy on creativity. <i>Urban Forestry and Urban Greening</i> , 2020, 51, 126670.	2.3	53
162	Relationship Between Mental Health and the Education Level in Elderly People: Mediation of Leisure Attitude. <i>Frontiers in Psychology</i> , 2020, 11, 573.	1.1	41
163	Environmental influence in the forested area toward human health: incorporating the ecological environment into art psychotherapy. <i>Journal of Mountain Science</i> , 2020, 17, 992-1000.	0.8	7
164	Effect of exercise in a desert environment on physiological and subjective measures. <i>International Journal of Environmental Health Research</i> , 2021, 31, 121-131.	1.3	11
165	Effects of auditory-visual combinations on students' perceived safety of urban green spaces during the evening. <i>Urban Forestry and Urban Greening</i> , 2021, 58, 126904.	2.3	5
166	The effect of exposure to the natural environment on stress reduction: A meta-analysis. <i>Urban Forestry and Urban Greening</i> , 2021, 57, 126932.	2.3	74
167	Effects of Public Green Space on Acute Psychophysiological Stress Response: A Systematic Review and Meta-Analysis of the Experimental and Quasi-Experimental Evidence. <i>Environment and Behavior</i> , 2021, 53, 184-226.	2.1	67
168	Forest Ecosystem Services for Human Health. <i>Sustainable Development Goals Series</i> , 2021, , 33-53.	0.2	2
171	The effects of viewing a winter forest landscape with the ground and trees covered in snow on the psychological relaxation of young Finnish adults: A pilot study. <i>PLoS ONE</i> , 2021, 16, e0244799.	1.1	21
172	Urban design and therapeutic landscapes. Evolving theme.. <i>Budownictwo I Architektura</i> , 2021, 20, 117-140.	0.1	5
173	Enhancing Adolescent Girls' Well-Being in the Arctic: Finding What Motivates Spending Time in Nature. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2052.	1.2	2

#	ARTICLE	IF	CITATIONS
174	Effects of exposure to immersive videos and photo slideshows of forest and urban environments. <i>Scientific Reports</i> , 2021, 11, 3994.	1.6	60
175	A forest experience does not always evoke positive emotion: A pilot study on unconscious facial expressions using the face reading technology. <i>Forest Policy and Economics</i> , 2021, 123, 102365.	1.5	27
177	The contribution of national parks to human health and well-being: Visitors' perceived benefits of Wuyishan National Park. <i>International Journal of Geoh Heritage and Parks</i> , 2021, 9, 1-12.	2.0	15
178	The Influence of Forest Activities in a University Campus Forest on Student's Psychological Effects. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 2457.	1.2	18
179	Effects of forest bathing (shinrin-yoku) on individual well-being: an umbrella review. <i>International Journal of Environmental Health Research</i> , 2022, 32, 1842-1867.	1.3	45
180	Associations between Nature Exposure and Health: A Review of the Evidence. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4790.	1.2	163
181	Forest Manners Exchange: Forest as a Place to Remedy Risky Behaviour of Adolescents: Mixed Methods Approach. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 5725.	1.2	8
182	“I just want to stay out there all day”: A Case Study of Two Special Educators and Five Autistic Children Learning Outside at School. <i>Frontiers in Education</i> , 2021, 6, .	1.2	2
183	Assessment of Open Spaces Ensuring Socio-Environmental Quality in Bogura Town, Bangladesh. <i>Grassroots Journal of Natural Resources</i> , 2021, 4, 77-90.	0.4	1
184	Qualitative Content Analysis of Forest Healing Experience in Forest Life. <i>Journal of People, Plants, and Environment</i> , 2021, 24, 301-309.	0.2	1
185	Engaging the Senses: The Association of Urban Green Space with General Health and Well-Being in Urban Residents. <i>Sustainability</i> , 2021, 13, 7322.	1.6	10
186	Influence of Forest Visitors' Perceived Restorativeness on Social Psychological Stress. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6328.	1.2	11
187	Forest Therapy Alone or with a Guide: Is There a Difference between Self-Guided Forest Therapy and Guided Forest Therapy Programs?. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 6957.	1.2	19
188	The National Veterans Summer Sports Clinic: Change and duration of psychological outcomes. <i>Psychology of Sport and Exercise</i> , 2021, 55, 101939.	1.1	7
189	Benefit of woodland and other natural environments for adolescents' cognition and mental health. <i>Nature Sustainability</i> , 2021, 4, 851-858.	11.5	40
190	The role of place attachment in recreation experience and outcome preferences among forest bathers. <i>Journal of Outdoor Recreation and Tourism</i> , 2021, 35, 100410.	1.3	20
191	The Role of Social Context in Physiological and Psychological Restoration in a Forest: Case Study of a Guided Forest Therapy Program in Taiwan. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10076.	1.2	7
192	Evidence-Based Status of Forest Healing Program in South Korea. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 10368.	1.2	19

#	ARTICLE	IF	CITATIONS
193	Association between forest and greenspace walking and stress-coping skills among workers of Tsukuba Science City, Japan: A cross-sectional study. <i>Public Health in Practice</i> , 2021, 2, 100074.	0.7	4
194	Daytime dynamic of spontaneous expressions of pedestrians in an urban forest park. <i>Urban Forestry and Urban Greening</i> , 2021, 65, 127326.	2.3	24
195	Environmental heterogeneity in human health studies. A compositional methodology for Land Use and Land cover data. <i>Science of the Total Environment</i> , 2022, 806, 150308.	3.9	1
196	Nature-based solutions, sustainable development, and equity. , 2021, , 81-105.		6
197	A Pragmatic Controlled Trial of Forest Bathing Compared with Compassionate Mind Training in the UK: Impacts on Self-Reported Wellbeing and Heart Rate Variability. <i>Sustainability</i> , 2021, 13, 1380.	1.6	31
198	Non-Pharmacological Measures in the Prevention and Treatment of COVID-19 Infection. <i>Medicinski Arhiv = Medical Archives = Archives De Médecine</i> , 2021, 75, 307.	0.4	9
201	On the Janus-facedness of stress and modern life.. <i>Journal of Theoretical and Philosophical Psychology</i> , 2019, 39, 181-192.	0.6	7
202	Adolescents' Sense of Community and Involvement in Playground Activities: Panacea to Ameliorate Social Vices and Delinquencies. <i>Jurnal Alam Bina</i> , 2017, 4, .	0.2	2
203	Assessment of Residents' Socio-demographic Factors Associated with Visit to Green Infrastructure Facilities in Lagos Metropolis, Nigeria. <i>Jurnal Alam Bina</i> , 2020, 7, 45-55.	0.2	7
204	Effectiveness of rehabilitation based on recreational activities: A systematic review. <i>World Journal of Meta-analysis</i> , 2013, 1, 27.	0.1	3
205	Effect of park prescriptions with and without group visits to parks on stress reduction in low-income parents: SHINE randomized trial. <i>PLoS ONE</i> , 2018, 13, e0192921.	1.1	70
206	Physiological effects of forest recreation in a young conifer forest in Hinokage Town, Japan. <i>Silva Fennica</i> , 2009, 43, .	0.5	139
207	The Forest Experience Program and Improvement of Depression, Anxiety, and Self-concept in Adolescents. <i>Hangug Nimhag Hoi Ji</i> , 2015, 104, 127-132.	0.1	4
208	The Effect of Short-term Forest Therapy Camp on Youths with Internet Addiction Risk Group: Focused on the Biological, Neurocognitive and Psychosocial Aspects. <i>Hangug Nimhag Hoi Ji</i> , 2015, 104, 657-667.	0.1	2
209	Health effects of a forest environment on natural killer cells in humans: an observational pilot study. <i>Oncotarget</i> , 2018, 9, 16501-16511.	0.8	38
210	Frequency of forest walking is not associated with prevalence of hypertension based on cross-sectional studies of a general Japanese population: a reconfirmation by the J-MICC Daiko Study. <i>Nagoya Journal of Medical Science</i> , 2019, 81, 489-500.	0.6	2
211	The Changing Importance of Ecosystem Services across the Landscape Gradient. , 0, , 127-146.		6
212	Relationships Between Percentage of Forest Coverage and Standardized Mortality Ratios (SMR) of Cancers in all Prefectures in Japan. <i>Open Public Health Journal</i> , 2008, 1, 1-7.	0.1	31

#	ARTICLE	IF	CITATIONS
213	Possibilities for Harmonisation between Recreation Services and Their Production within the Forest Sector – A Case Study of Municipal Forest Enterprise Hradec Králové (CZ). <i>Forests</i> , 2021, 12, 13.	0.9	5
214	The Effects of Green and Urban Walking in Different Time Frames on Physio-Psychological Responses of Middle-Aged and Older People in Chengdu, China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 90.	1.2	13
215	Effect of Forest Program on Atopic Dermatitis in Children - A Systematic Review -. <i>The Journal of Korean Institute of Forest Recreation</i> , 2016, 20, 1-13.	0.2	3
217	A Large-scale Survey of Health Check-up Visitors in the West-Central Area of Shizuoka Prefecture Regarding the Frequency of Walking in Forested Areas.. <i>Journal of the Japanese Forest Society</i> , 2010, 92, 110-114.	0.1	2
218	A Systematic Review of Forest Therapy Programs for Elementary School Students. <i>Child Health Nursing Research</i> , 2017, 23, 300-311.	0.3	17
219	Designing forest-based wellbeing tourism services for Japanese customers. , 2017, , 50-63.		3
220	ASSESSING THE ASSOCIATIONS BETWEEN TYPES OF GREEN SPACE, PHYSICAL ACTIVITY, AND HEALTH INDICATORS USING GIS AND PARTICIPATORY SURVEY. <i>ISPRS Annals of the Photogrammetry, Remote Sensing and Spatial Information Sciences</i> , 0, IV-4/W4, 47-54.	0.0	2
221	The Influence of User's Personality to Evaluate the Images of On-site Forest Environment. <i>Journal of the Japanese Institute of Landscape Architecture</i> , 2010, 73, 531-536.	0.0	2
222	Special Issue, New research area for "health and green"™ in revegetation technology field. <i>Journal of the Japanese Society of Revegetation Technology</i> , 2007, 33, 445-447.	0.0	0
223	Psychological and Physical Change at the Green Area in the Middle of the Urban Square. <i>Japanese Journal of Complementary and Alternative Medicine</i> , 2008, 5, 145-152.	1.0	3
224	ç%°1é†ã€€ç.äã¥ã°ã«é–Çã™ã,«ç”ç©¶ã®ã»Šã¼4CEã®ã±•é–ã€•æ£®æž–æµã®ãŠ1æžœã«ãã,ã†. <i>Journal of the Japanese Society of Revegetation Technology</i> , 2009, 33, 445-447.		0
225	Title is missing!. <i>Journal of the Japanese Society of Revegetation Technology</i> , 2009, 35, 363-369.	0.0	3
226	Analysis of the Physiological Healing Effects by Forest Types - Focused on Hypertensive and Diabetic -. <i>Journal of the Korean Institute of Landscape Architecture</i> , 2015, 43, 1-12.	0.1	1
227	Comparative Study on the Effectiveness of a Health Promotion Program Using School Forest and a Traditional School-based Health Promotion Program in Elementary Students. <i>Journal of the Korean Society of School Health</i> , 2016, 29, 116-122.	0.4	0
228	Forest Bathing "Eine pädagogische Wanderung durch den Wald. , 2019, , 169-190.		0
229	Die Effekte des Waldaufenthaltes – aktuelle Studienlage. , 2019, , 69-98.		0
230	Multisensory Nature and Mental Health. , 2020, , 71-110.		2
231	Woodland Wellbeing. , 2020, , 9-39.		0

#	ARTICLE	IF	CITATIONS
233	Psychological benefits of Forest Bathing during the COVID-19 pandemic: a pilot study in a Mediterranean forest close to urban areas. <i>Journal of Forest Research</i> , 2022, 27, 71-75.	0.7	25
235	Evolution of Human Salivary Stress Markers during an Eight-Hour Exposure to a Mediterranean Holm Oak Forest. A Pilot Study. <i>Forests</i> , 2021, 12, 1600.	0.9	5
236	Can Viewing Nature Through Windows Improve Isolated Living? A Pathway Analysis on Chinese Male Prisoners During the COVID-19 Epidemic. <i>Frontiers in Psychiatry</i> , 2021, 12, 720722.	1.3	15
237	Effect of Forest Therapy on Depression and Anxiety: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12685.	1.2	21
238	Tree-Assisted Therapy: Therapeutic and Societal Benefits from Purpose-Specific Technical Recreational Tree-Climbing Programs. <i>Arboriculture and Urban Forestry</i> , 2008, 34, 222-229.	0.2	3
239	Relationships between landscape characteristics and the restorative quality of soundscapes in urban blue spaces. <i>Applied Acoustics</i> , 2022, 189, 108600.	1.7	15
241	Assessing the Effects of Nature on Physiological States Using Wearable Technologies. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1231.	1.2	10
242	Exploring the Physiological and Psychological Effects of Digital Shinrin-Yoku and Its Characteristics as a Restorative Environment. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1202.	1.2	9
243	The impact of restorative green environment on mental health of big cities and the role of mental health professionals. <i>Current Opinion in Psychiatry</i> , 2022, 35, 186-191.	3.1	7
244	Sociodemographic Determinants of Poles' Attitudes towards the Forest during the COVID-19 Pandemic. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 1537.	1.2	5
245	A tranquil virtual reality experience to reduce subjective stress among COVID-19 frontline healthcare workers. <i>PLoS ONE</i> , 2022, 17, e0262703.	1.1	25
246	Market Segmentation by Motivations of Urban Forest Users and Differences in Perceived Effects. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 114.	1.2	3
248	Workplace greenspace exposure and the change in dimensions of mood states: an experimental study in Taiwan. <i>International Journal of Environmental Health Research</i> , 2023, 33, 649-660.	1.3	0
249	A systematic review of the anxiety-alleviation benefits of exposure to the natural environment. <i>Reviews on Environmental Health</i> , 2023, 38, 281-293.	1.1	4
250	Forest Bathing Is Better than Walking in Urban Park: Comparison of Cardiac and Vascular Function between Urban and Forest Parks. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 3451.	1.2	11
251	“One-thousand miles and counting”: reflections on the trail to recovery. <i>Leisure Studies</i> , 0, , 1-12.	1.2	0
252	Effects of seasonality on visual aesthetic preference. <i>Landscape Research</i> , 2022, 47, 388-399.	0.7	7
253	Forest Bathing: A New Attraction and Disaster Mitigation for Batur UNESCO Global Geopark Bali. <i>IOP Conference Series: Earth and Environmental Science</i> , 2021, 940, 012008.	0.2	3

#	ARTICLE	IF	CITATIONS
259	Multi-Dimensional Evaluation Framework for the Sustainable Development of Forest Health Bases and Site Selection for Application in China. <i>Forests</i> , 2022, 13, 799.	0.9	2
260	Effect of Indoor Forest Bathing on Reducing Feelings of Fatigue Using Cerebral Activity as an Indicator. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6672.	1.2	6
261	Impact of Contact With Nature on the Wellbeing and Nature Connectedness Indicators After a Desertic Outdoor Experience on Isla Del Tiburon. <i>Frontiers in Psychology</i> , 2022, 13, .	1.1	5
262	Animals in urban green spaces in relation to mental restorative quality. <i>Urban Forestry and Urban Greening</i> , 2022, 74, 127620.	2.3	5
264	Exploring Forest Therapy as an Adjunct to Treatment as Usual within a Community Health Counselling Service. <i>Journal of Spirituality in Mental Health</i> , 2023, 25, 320-342.	0.5	2
265	Urban greenspace and anxiety symptoms during the COVID-19 pandemic: A 20-month follow up of 19,848 participants in England. <i>Health and Place</i> , 2022, 77, 102897.	1.5	3
266	Designing Multifunctional Urban Green Spaces: An Inclusive Public Health Framework. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 10867.	1.2	3
267	Importance of land characteristics for resilience of domestic tourism demand. <i>Tourism Recreation Research</i> , 0, , 1-12.	3.3	4
268	Comparative study on birdsong and its multi-sensory combinational effects on physio-psychological restoration. <i>Journal of Environmental Psychology</i> , 2022, 83, 101879.	2.3	4
269	Forest Therapy Trails: A Conceptual Framework and Scoping Review of Research. <i>Forests</i> , 2022, 13, 1613.	0.9	4
270	Effects of forest walking on physical and mental health in elderly populations: a systematic review. <i>Reviews on Environmental Health</i> , 2024, 39, 121-136.	1.1	8
271	A NEW NATURE-BASED TOURISM: FOREST BATH (SHINRIN-YOKU) AND A ROUTE PROPOSAL. <i>Turkish Journal of Forest Science</i> , 2022, 6, 553-565.	0.1	1
272	Effects of the Combination of Audio and Visual Factors on Mental Restoration in a Large-Scale Urban Greenway: Perspectives from Wuhan, China. <i>Land</i> , 2022, 11, 2017.	1.2	4
273	Influence of Comprehensive Lifestyle Intervention (LSI) Program on Health, Fatigue, and Quality of Life in Middle-Aged Women. <i>Journal of Lifestyle Medicine</i> , 2022, 12, 127-137.	0.3	0
274	Is altitude a determinant of the health benefits of nature exposure? A systematic review and meta-analysis. <i>Frontiers in Public Health</i> , 0, 10, .	1.3	2
275	Perspectives on the Psychological and Physiological Effects of Forest Therapy: A Systematic Review with a Meta-Analysis and Meta-Regression. <i>Forests</i> , 2022, 13, 2029.	0.9	5
276	Comparison of the restorative quality of green spaces between the evening and daytime. <i>Proceedings of the Institution of Civil Engineers: Urban Design and Planning</i> , 2023, 176, 65-76.	0.6	1
277	Nature experiences while walking in an urban park: joint approaches in psychology and landscape sciences. <i>Acta Horticulturae</i> , 2022, , 401-416.	0.1	0

#	ARTICLE	IF	CITATIONS
278	Holistically informed assessment and formulation. , 2018, 1, 15-21.		0
279	Using Heart Rate Variability Methods for Health-Related Outcomes in Outdoor Contexts: A Scoping Review of Empirical Studies. International Journal of Environmental Research and Public Health, 2023, 20, 1330.	1.2	2
280	Effects of Urban Forest Therapy Program on Depression Patients. International Journal of Environmental Research and Public Health, 2023, 20, 507.	1.2	5
281	Development and validation of a plateau experience psychometric to investigate the effect of shinrin-yoku on depression. Transpersonal Psychology Review, 2020, 22, 66-81.	0.0	0
282	How can plant-enriched natural environments benefit human health: a narrative review of relevant theories. International Journal of Environmental Health Research, 2024, 34, 1241-1254.	1.3	4
283	Forests. , 2023, , 107-152.		0
284	Forest bathing and hiking benefits for mental health during the COVID-19 pandemic in Mediterranean regions. European Journal of Forest Research, 2023, 142, 415-426.	1.1	12
285	Onsite restorative effect of a rural ecological farm versus an urban public greenery space. Landscape and Ecological Engineering, 0, , .	0.7	1
286	A randomized controlled trial of surf and hike therapy for U.S. active duty service members with major depressive disorder. BMC Psychiatry, 2023, 23, .	1.1	3
288	Associations of greenspace use and proximity with self-reported physical and mental health outcomes during the COVID-19 pandemic. PLoS ONE, 2023, 18, e0280837.	1.1	2
289	Restorative effect of audio and visual elements in urban waterfront spaces. Frontiers in Psychology, 0, 14, .	1.1	0
290	Psychological Effects of Forest Healing Camps on Atopic Dermatitis and Their Families. Forests, 2023, 14, 758.	0.9	1
291	The effect of water sound level in virtual reality: A study of restorative benefits in young adults through immersive natural environments. Journal of Environmental Psychology, 2023, 88, 102012.	2.3	9
298	Study of Different Interaction Methods on the Healing Effect of Natural Environment in Virtual Reality. , 2023, , .		0
301	âœœMiss Going to that Placeâœœ The Impact of Watching Nature Videos on the Well-Being of Informal Caregivers. Lecture Notes in Computer Science, 2023, , 23-32.	1.0	0
308	Contributions of Nature Bathing to Resilience and Sustainability. Natural and Social Sciences of Patagonia, 2023, , 389-408.	0.2	0
312	Healing Trails: Integrating Medicinal Plant Walks into Recreational Development. Reference Series in Phytochemistry, 2023, , 1-53.	0.2	0
313	âœœGiving Nature a Placeâœœ Implementing EAP (Eco-appreciation Perspective) While Focusing on Children-Nature Relations (CNR)âœœ The Need for a New Kind of Organizations. Palgrave Studies in Sustainable Business in Association With Future Earth, 2024, , 221-231.	0.5	0



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