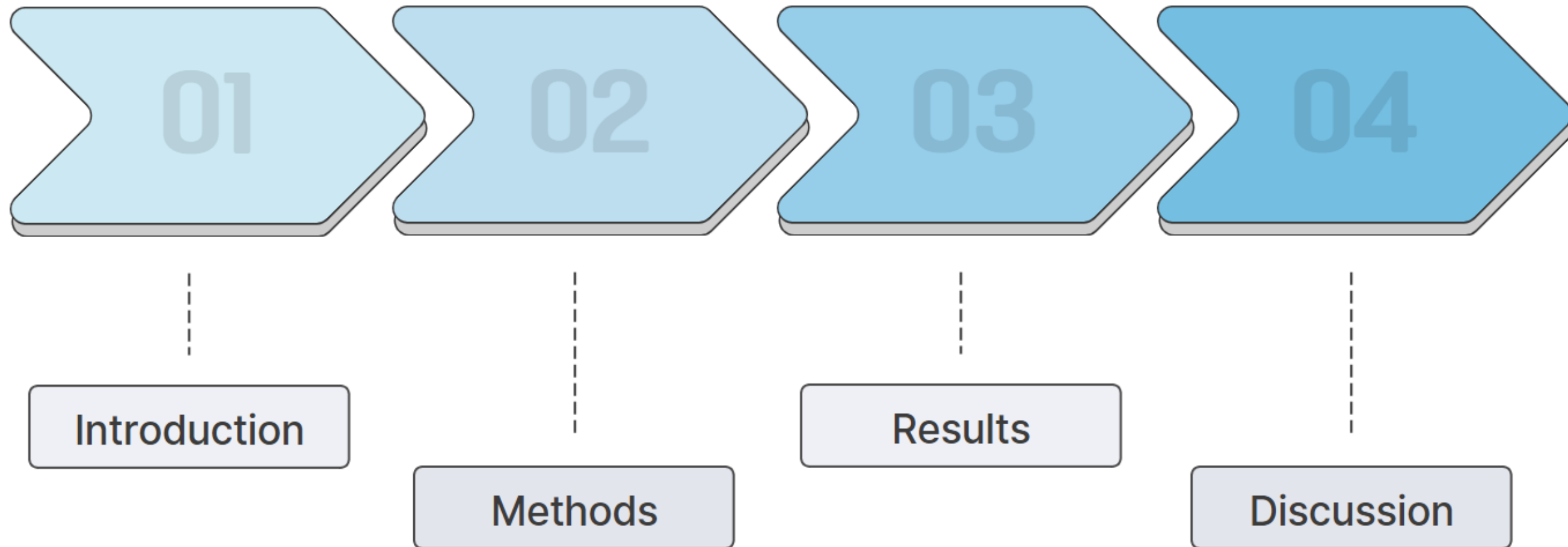

WFOT Congress 2026

**Research trends on the role of community
members in bibliometric analysis
: Focusing on Occupational therapy**

Graduate School, Yonsei University, Department of Occupational Therapy, Republic of Korea

Jeong Seung Hui

Contents



▶ Roles as the Foundation of Meaningful Occupation

- **Role** (Kielhofner, 2008)
 - Behaviors and responsibilities related to an individual's social position
 - Habitual behavior in the performance environment
 - **Roles in identity formation and social being** (AOTA, 2020)
 - **It is the foundation for meaningful activity performance** (Taylor, 2017)
 - **Community as a key environment for role sharing and belonging** (Park et al., 2022)
-

► Why Role Performance Matters

- Loss of occupation leads to loss of social roles → negatively affects social participation
(Estrany - Munar et al., 2021) (Seo & Lee, 2024; Kang, 2020)
 - Reduced social participation deteriorates mental and physical health and quality of life
(Jung & Ahn, 2023; Gweon, 2009)
 - Community role performance
 - Promotes physical and emotional health (Ju & Bang, 2021)
 - Reduce isolation and strengthen social integration (Lee, 2021; Kang & Lee, 2022)
 - Role performance protects mental health, including depression and anxiety
(Kim, 2020; Lee et al., 2022)
-

Existing studies mainly focus on
specific age groups
or disability populations
(Han, 2022)



Quantitative studies and
evaluations of group
interventions are limited
(Shin et al., 2023)



Overall research trends
on community role performance
remain unclear
(Shin et al., 2023)



To identify research trends
in community role performance
within occupational therapy

▶ Study Design

- Bibliometric analysis to identify research trends
- Focus on role performance of community members in occupational therapy
- Analysis of research flow based on bibliographic information

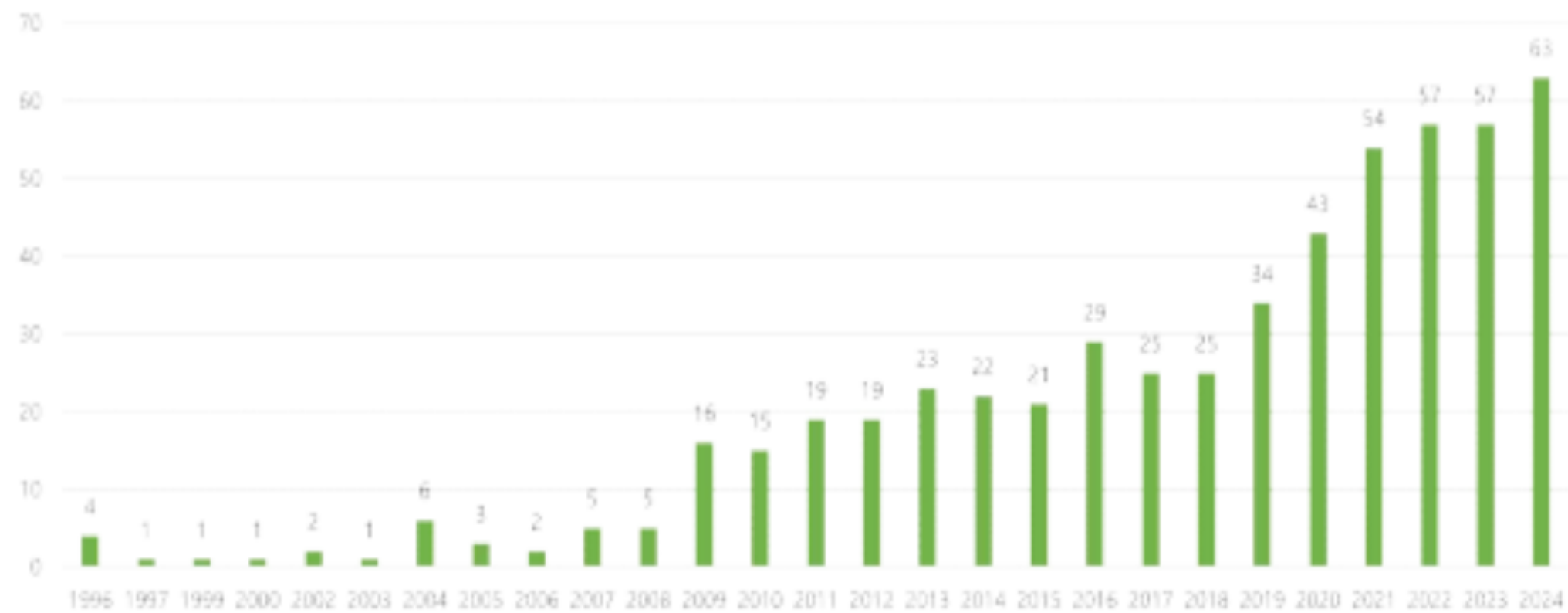
▶ Literature Search

- Web of Science database
 - Search terms: (community OR community member) AND role AND occupational therapy AND (participation OR redesign OR activity OR intervention)
 - Literature published until December 16, 2024
-

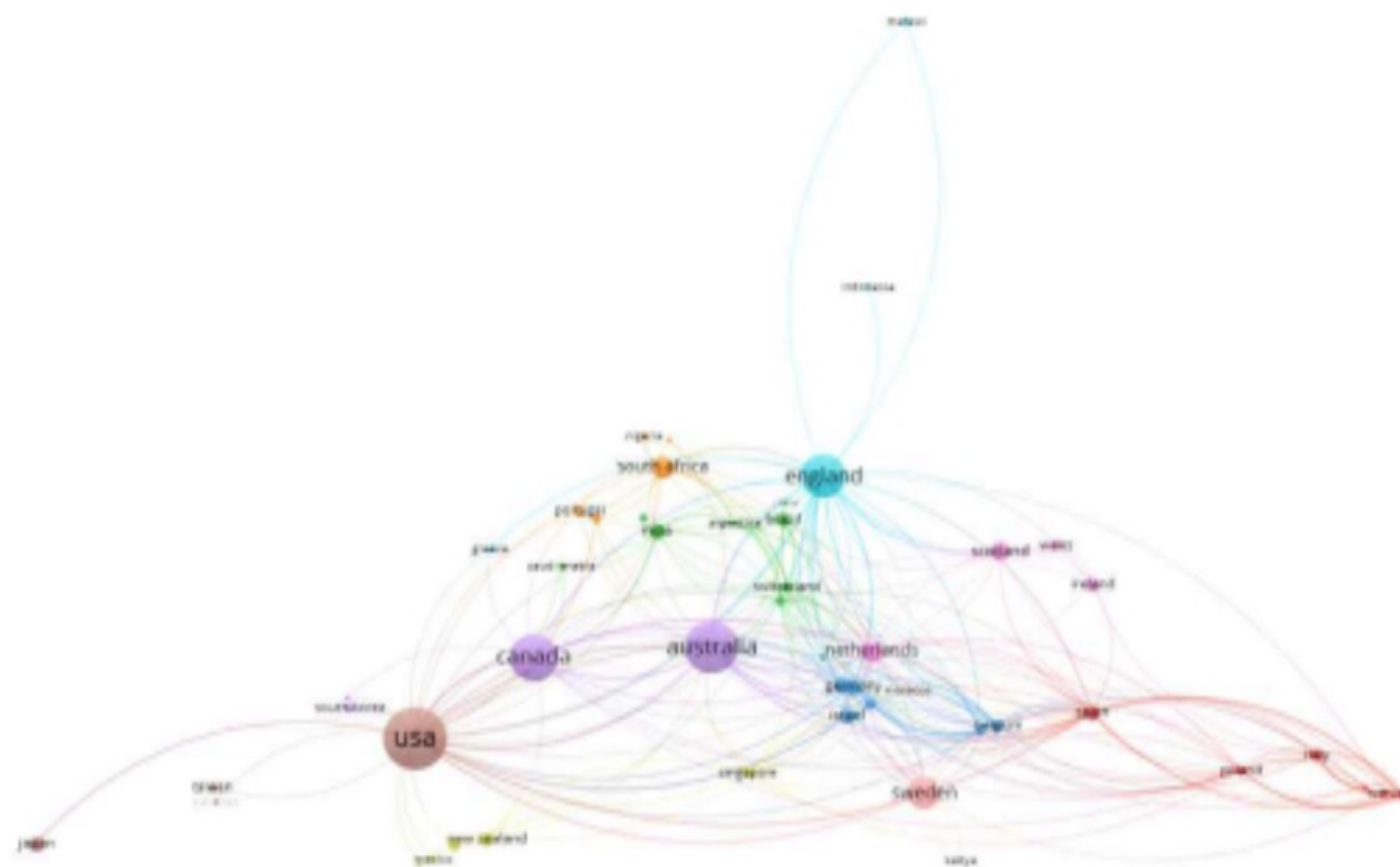
► Bibliometric Analysis

- Bibliometrics: Quantitative analysis of bibliographic information
 - Analysis techniques(4): citation, co-occurrence, co-authorship, co-citation
 - Visualization of relationships among bibliographic data
 - Network interpretation:
 - Larger circles = higher frequency
 - Thicker and shorter lines = stronger connections
 - Keyword clustering to identify research subfields
-

▶ Annual publication trends of the analyzed literature

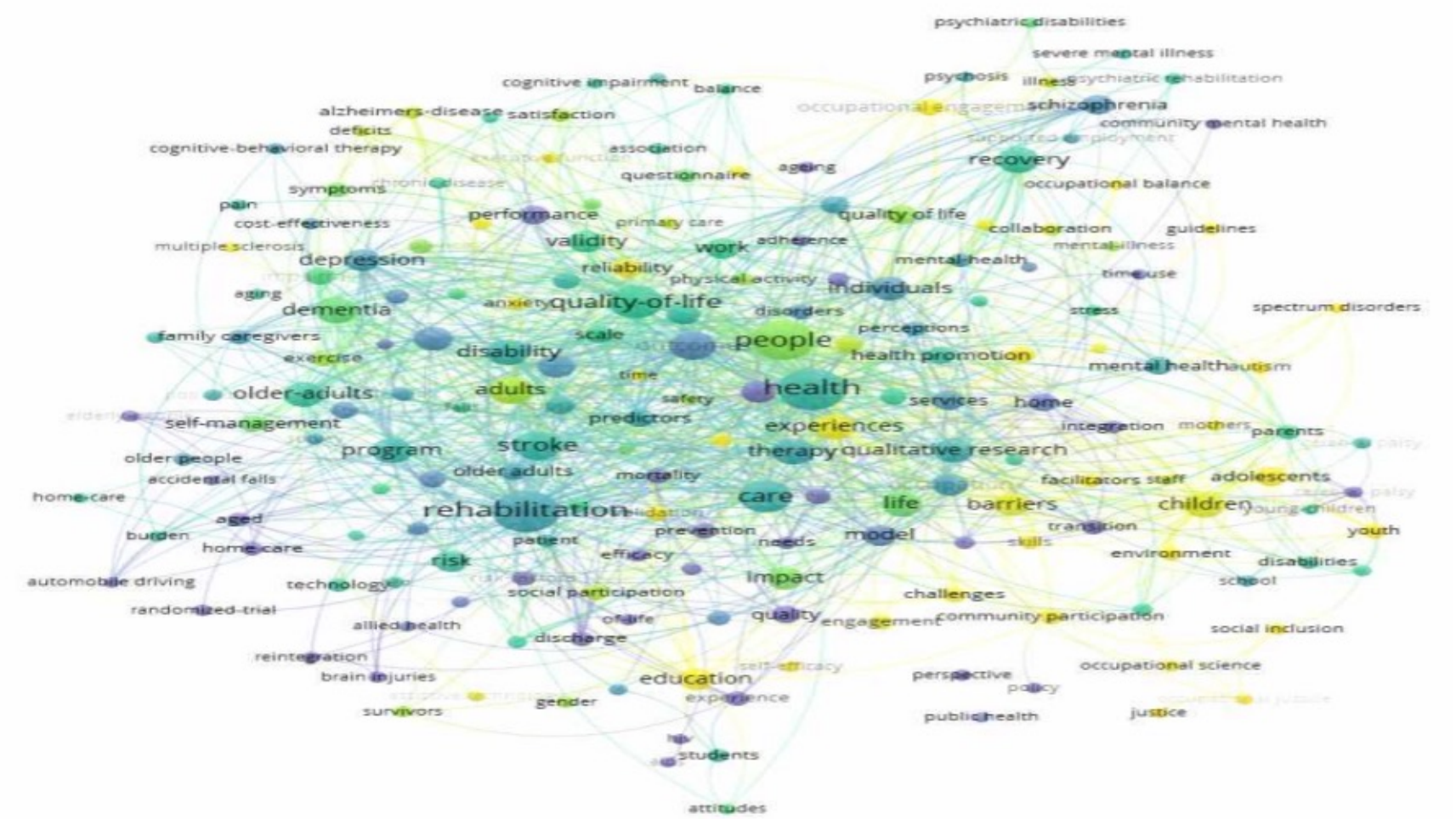
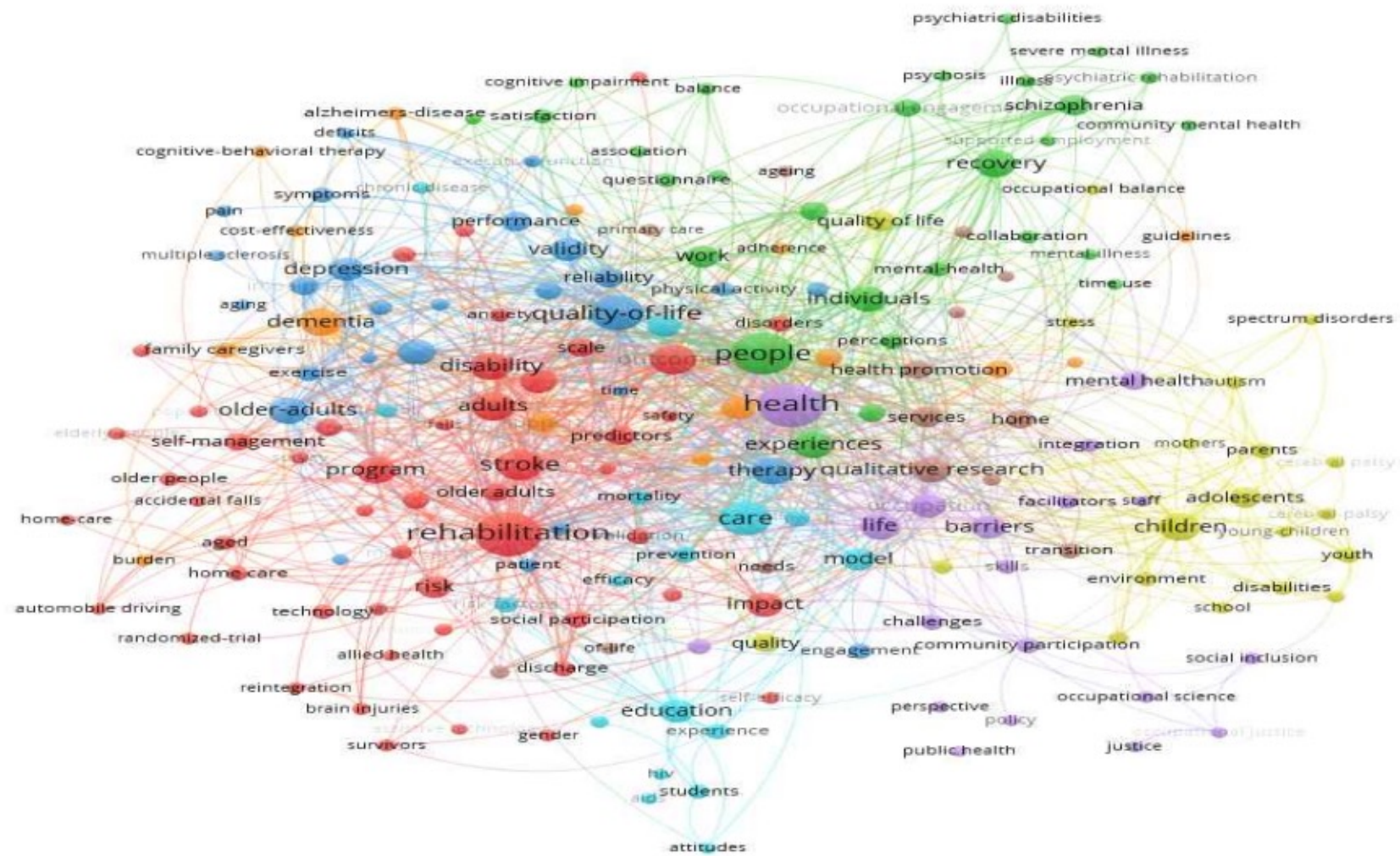


► Co-authorship analysis & Top 10 countries and regions



No.	Country and region	Publication	Citation	Total Link Strength
1	United States of America	159	2,466	86
2	Australia	112	1,654	69
3	Canada	90	1,578	54
4	England	78	1,562	94
5	Sweden	43	619	43
6	South Africa	22	171	20
7	The Netherlands	21	897	58
8	Scotland	16	369	19
9	Germany	11	637	36
10	Israel	11	69	14
		⋮		
25	South Korea	5	39	2

► Co-occurrence analysis



► Top 10 keywords

No.	Keywords	Citation	Total Link Strength
1	Rehabilitation	82	363
2	Health	80	357
3	People	75	410
4	Quality of life	51	261
5	Care	50	213
6	Stroke	39	200
7	Outcomes	37	175
8	Adults	36	178
9	Children	33	151
10	Recovery	33	151

- Research increased markedly after 2020 due to COVID-19 related social isolation
 - Social distancing and quarantine reduced social networks and daily roles
 - Declines in mental health and well-being highlighted the importance of community participation
 - Occupational therapy and community activities emerged as key strategies for recovery
 - Increased global attention from governments and academia to address isolation and mental health
-

- Rehabilitation and public health dominate due to their focus on well-being and participation
 - Expansion into psychiatry reflects growing concern about mental health and social participation
 - European countries show strong research output due to high social trust and cohesion
 - Central clusters highlight the interaction between occupational participation and mental health
 - Role performance supports productivity, stability, quality of life, and social integration
 - Findings indicate the need for evidence-based, community-specific interventions
-

Kielhofner G. (2008). *Model of human occupation: theory and application* (4th ed.). Baltimore, MD: Lippincott Williams & Wilkins.

Taylor RR. (2017). *Kielhofner's Model of Human Occupation: theory and application* (5th ed.). Philadelphia, PA: Wolters Kluwer Health.

American Occupational Therapy Association. (2020). *Occupational therapy practice framework: Domain and process* (4th ed.). *AJOT*, 74(Suppl 2), 7412410010p1–7412410010p87.
<https://doi.org/10.5014/ajot.2020.74S2001>

Estrany-Munar MF, Talavera-Valverde MÁ, Souto-Gómez AI, Márquez-Álvarez LJ, & Moruno-Miralles P. (2021). The effectiveness of community occupational therapy interventions: a scoping review. *International Journal of Environmental Research and Public Health*, 18, 3142.

Seo YS, & Lee AR. (2024). The influence of role loss and self-esteem on depression in the elderly: a moderated mediating effect of social support. *Association Korea Counseling Psychology Education Welfare*, 11, 7–25.

Kang YJ. (2020). Effects of role absences on depression of the elderly: focusing on the moderating effects of leisure and social activities. *Journal of Wellness*, 15, 247–587.

Jung HJ, & Ahn BI. (2023). Self-perceived health among older adults participating in social activities: subjective health status and health satisfaction. *Health and Social Welfare Review*, 43, 122–137.

Gweon HS. (2009). The effect of social participation on the life satisfaction of the elderly—Focusing on the mediating effects of depression and self-reported health. *Korean Journal of Human Ecology*, 18, 995–1008.

Park JM, Lee HY, Choi SS, & Lee YJ. (2022). The effect of community-based empowerment program for young adults on social networks, sense of community, and subjective well-being. *Korean Journal of Social Welfare Research*, 73, 65–94.

Ju ES, & Bang YS. (2021). A systemic review of community-based programs for the quality of life of the elderly. *Journal of Korean Society of Integrative Medicine*, 9, 173–181.

Lee EA. (2021). The effects of sense of community and residential satisfaction of local residents on quality of life. *Journal of Industrial Convergence*, 19, 197–204.

Kang MJ, & Lee MS. (2022). Positive effects of citizens' sense of community on health and quality of life in a Korean city. *Korean Journal of Health Education and Promotion*, 39, 41–53.

Kim JH. (2020). Moderating effects of public health service utilization rate between public health resources and community mental health. *Journal of Korean Applied Science and Technology*, 37, 268–278.

Lee HN, Kim AR, & Choi SH. (2022). A systematic review of the effects of physical activity on depression in community-dwelling older adults: using the Neuman System Model. *Health and Social Welfare Review*, 42, 356–373.

Han H. (2022). Recent Research Analysis of Community-Based Occupational Therapy (Master's thesis). Hanseo University, Chungcheongnam-do, South Korea.

An HS, Kim IH, Yun SH, & Park HY. (2023). A systematic review on the multifaceted health factors related to the structural and functional aspects of the social network of older adults in the community. *Journal of Korea Contents Association*, 23, 351–365.

Shin C, Yoo EY, Jeong J, Ha Y, & Kang BH. (2023). Research Trends in Occupational Therapy in Korea: Focused on the Korean Journal of Occupational Therapy (2016–2020). *Journal of Korean Society of Occupational Therapy*, 31, 43–59.

THANK YOU

Graduate School, Yonsei University, Department of Occupational Therapy, Republic of Korea

Jeong Seung Hui
