

Tadamasa KIMURA

CURRICULUM VITAE

Professor

Department of Communication and Media Studies,

College of Sociology, Rikkyo University

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EDUCATION

- 2010 Ph.D. (Cultural Anthropology), Dept. of Anthropology, State University of N.Y. at Buffalo. "The Digital Divide as Cultural Practice: A Cognitive Anthropological Exploration of Japan as an 'Information Society'"
- 1992 M.A. (Cultural Anthropology), Dept. of Anthropology, State University of N.Y. at Buffalo. MA thesis: "Cultural Schemas of Medical Knowledge in Japan: Cognition in Practice among Laypersons and Experts"
- 1989 M.A. (Cultural Anthropology), Dept. of Anthropology, University of Tokyo, Japan
- 1987 B.A. (Cultural Anthropology), Dept. of Anthropology, University of Tokyo, Japan

WORK EXPERIENCE

- Apr. 2015 – present Professor, Department of Communication and Media Studies, College of Sociology, Rikkyo University
- Apr. 2012 – Mar. 2015 Professor, Dept. of Cultural Anthropology, Graduate School of Arts and Sciences, University of Tokyo
- Sep. 2012 – Feb. 2013 Visiting Scholar, The Todai-Yale Initiative, Yale University
- Apr. 2006 – Mar. 2012 Associate Professor, Dept. of Cultural Anthropology, Graduate School of Arts and Sciences, University of Tokyo
- Apr. 2004 – Mar. 2006 Professor, Dept. of Science and Engineering, Waseda University
- Sep. 2001 – Mar. 2004 Associate Professor, Dept. of Science and Engineering, Waseda University
- Apr. 2000 – Mar. 2001 Visiting Associate Professor, Institute of Socio-Information and Communications Studies, University of Tokyo
- Apr. 1998 – Sep. 2001 Associate Professor, Dept. of Engineering, Tokyo Metropolitan Institute of Technology
- Apr. 1997 – Mar. 2005 Visiting Scholar, Research Institute of System Science, NTT Data Corporation
- Apr. 1995 – Mar. 1998 Assistant Professor, Center for Global Communications, International University of Japan
- Jan. 1992 – May 1992 Teaching Assistant, Undergraduate College, SUNY at Buffalo
- Aug. 1991 – Dec. 1991 Teaching Assistant, Dept. of Anthropology, SUNY at Buffalo

ACADEMIC INTERESTS

- Formation, structure and societal effects of online public opinion.
- Empirical and critical examination of Digital Natives.
- Empirical and critical examination of Digital Divide.
- Log data analysis of smartphone use and social data.
- Ethnographic study of CMC (computer-mediated communication) and its sociocultural effects, esp. based on hybrid methods approach and communicative ecological approach.
- Theoretical investigation of the meaning of deindustrialization and the role of ICT in its process.

FELLOWSHIPS, GRANTS, SCHOLARSHIPS, FUNDING AWARDS (SELECTION)

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| Apr. 2018 | Research Fund, Hosono Bunka Foundation |
| Jun. 2014 | Research Fund, Murata Science Foundation |
| Apr. 2012 | Research Fund, The Telecommunications Advancement Foundation (TAF) |
| Jul. 2009, Jun. 2010 and Jun. 2011 | Research Fund, KDDI R&D Laboratories |
| Apr. 2007 | Research Fund, JSPS, the Japan Society for the Promotion of Science |
| Mar. 2007 | Research Grant, International Communications Foundation (ICF) |
| Mar. 2005 | Research Fund, Ministry of Education |
| Mar. 2001 | Research Fund, Ministry of Education |
| Mar. 2000 | Research Fund, Ministry of Education |
| Sep. 1998 | President Special Research Fund, Tokyo Metropolitan Institute of Technology |
| Apr. 1997 | Research Fund, Japan Multimedia Forum (JMF) (until March 1998) |
| Apr. 1997 | Research Grant, International Communications Foundation (ICF) (until March 1998) |
| Apr. 1996 | Research Fund, Japan Multimedia Forum (JMF) (until March 1997) |
| Apr. 1996 | Research Fund, JISPRI (Global Industrial and Social Progress Research Institute) (until March 1997) |
| Apr. 1994 | JSPS Research Fellowships for Young Scientists, Japan Society for the Promotion of Science (until March 1995) |
| Jan. 1993 | Graduate Assistantship, Center for Cognitive Science, SUNY at Buffalo (until May 1993) |
| Jun. 1992 | Field Research Travel Fund, Graduate School of Social Sciences, SUNY at Buffalo |

HONORS & AWARDS

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| Sep. 2009 | Japan Association for Social Informatics, Excellent Article Award for the article, 'Relation between the Internet behavior and general social trust/uncertainty avoidance.' Written with Masahiro Fujiwara. Journal of Japan Association for Social Informatics. Vol.20, No.2, pp.43-55. |
| Mar. 2002 | Telecommunications Advancement Foundation, Telecom Social Science Publication Award for the publication, "What is Digital Divide?: Toward Consensus Community" Iwanami Shoten. |
| Sep. 2001 | Japan Association for Social Informatics, Excellent Publications Award for the publication, "What is Digital Divide?: Toward Consensus Community" Iwanami Shoten. |

ACADEMIC & COMMUNITY ACTIVITIES

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|----------------|---|
| 2018– present | Deputy Director of Japanese research team of WIP, World Internet Project |
| 2012– 2017 | Chair of the Committee for International Outreach of SSI, Society of Socio-Informatics |
| 2012– 2017 | Member of the board of directors, Society of Social-Informatics |
| 2012– present | Member of SSI, Society of Social-Informatics |
| 2010– 2012 | Editor-in-Chief, Journal of Waseda Society of Cultural Anthropology. |
| 2009– 2017 | Member of the editorial board of Journal of Waseda Society of Cultural Anthropology. |
| 2008– present | Member of World Internet Project. |
| 2008– 2012 | Member of the board of directors, Japan Association for Social Informatics |
| 2007– 2012 | Member of the editorial board of the Journal of Socio-Informatics (Journal in English). |
| 2004– present | Member of the board of directors, Waseda Society of Cultural Anthropology |
| 2001– 2012 | Editorial member of the Journal of Japan Association for Social Informatics |
| 2001– 2012 | Member of Academic Research Committee, Japan Association for Social Informatics |
| 1996 – 1999 | Member of Informatization Committee of Japanese Society of Cultural Anthropology |
| 1999 – present | Member of Japan Society of Information and Communication Research |
| 1999 – 2012 | Member of Japan Association for Social Informatics |
| 1997 – 2003 | Member of Japanese Cognitive Science Society |
| 1996 – 2015 | Member of Japanese Society of Cultural Anthropology |

CONTRIBUTIONS TO NATIONAL GOVERNMENT POLICY-MAKING

- Feb. 2008 – June 2010 Member of Comprehensive Legal System for Communications and Broadcasting Committee of the Telecommunications Council, MIC, Ministry of Internal Affairs and Communications.
- April 2007 - July 2008 Member of Study Group on Work Hours of Teleworking, NPA, National Personnel Authority.
- June 2006 - March 2007 Member of Planning and Analysis Committee of "Fifth Survey on Information Society and Juveniles." Director-General for Policies on Cohesive Society, Cabinet Office of Japanese government.
- March 2005 - June 2005 Deputy Chairperson of Study Group on Information Frontier, MIC, Ministry of Internal Affairs and Communications.
- Feb. 2002 - June. 2003 Member of Employment, Human Resources and Informatization Committee of the Quality-of-life Policy Council, Cabinet Office of Japanese government.

PRESENTATIONS AT INTERNATIONAL CONFERENCES

- 2018/7/5 Overview of Internet use in Japan. *World Internet Project Annual Meeting 2018*. International House Brest City, Brest, France.
- 2018/7/4 Trolling, Flaming, Propagation and Development of Online Public Opinion Space in Japan. 2017/11/25 The Internet, media and public opinion in Japan. *International Research Workshop, Public Opinion, Health and Future of Communication*. College of Communication, Fu Jen Catholic University, Taiwan.
- 2016/12/3 Ito, Shigeaki, Atsushi Hirasawa, Changhaeng Choi, and Tadamasa Kimura. Some Structures and Characteristics of Japanese Online News Space: An Analysis of “Net Yoron” (Public Opinion on the Internet) Emerging on “Yahoo! News.” *International Joint Workshop, Public Spaces and Private Lives in the Digital Age*. College of Sociology, Rikkyo University
- 2016/3/14 “Karamu” (Entwined) Communication: expansion of the “phygital” world among Japanese Digital Natives. *Homo Sapiens, Mortality and the Internet in Contemporary Asia*. Asia Research Institute, National University of Singapore.
- 2015/11/28 “Karamu” (Entwined) communication: Innovation in communication among Japanese Digital Natives. *International Research Workshop, Communication and Innovation in the Digital Age*. College of Communication, Fu Jen Catholic University, Taiwan.
- 2013/2/4 The age of digital natives: Why do they tweet and not send mail? *Todai-Yale Lecture Series*, Todai-Yale Initiative, Dept. of Anthropology and The Council on East Asian Studies, Yale University.
- 2010/10/8 Digital divide in Japanese society from international perspective. *International Conference for Celebrating 1000 Years of Thang Long*, International Conference Centre, Hanoi, Vietnam BESETOHA
- 2010/8/31 Keitai, Blog, and Kuuki-wo-yomu (Read the atmosphere): Communicative ecology in Japanese society. *Ethnographic Praxis in Industry Conference*, American Anthropological Association.
- 2008/9/19 Plurality of information societies: Japanese way of informatization. Invited Speaker at Research Meeting of The Virtual Knowledge Studio. The Virtual Knowledge Studio, Amsterdam, Netherland The Virtual Knowledge Studio.
- 2007/7/24 Plurality of information societies: Japanese case. *Expert Meeting on RFID and the ubiquitous society*. Royal Netherlands Embassy in Tokyo.
- 2005/11/21 Praxis of cultural anthropology of and in information societies. *International Conference on the Use of Information Technology in the Research and Education in Social Sciences*. The Institute for Cross-Cultural Studies, Seoul National University.
- 2004/11/13 Kimura, Tadamasa and Yoshitaka Saito. Socio-cultural differences in the use of personal web homepage and electronic communities. *Living with the Internet: Cross-cultural Exploration of*

the Role of the Internet in Daily Lives of the Youth in Finland and Japan, Working Group for Information Behavior Research, JSICR: Japan Society of Information and Communication Research.

PUBLICATIONS (All publications are in Japanese unless otherwise noted. Titles and names of periodicals originally in Japanese are translated into English unless otherwise noted.)

Books

- 2018 *Hybrid Ethnography*. Shinyo-sha.
- 2012 *The Age of Digital Natives: Why Do They Tweet and Not Send Mail?* Heibonsha.
- 2004 *Network Reality: Understanding Post Advanced Consumer Society*. Iwanami Shoten.
- 2001 *What is Digital Divide?: Toward Consensus Community*. Iwanami Shoten.
- 2000 *Political Economy of Online Education*. NTT publication.
- 1998 *New Paradigm for Social Agreement in the Age of Info-Communications* (with Motohiro Tsuchiya). NTT publication.
- 1997 *Strategic Visions of Second Generation Internet*. NTT publication.

Chapters, Entries

- 2018 SNS: Social Networking Services. Japanese Association for American Studies ed. *Encyclopedia of American Culture*, pp.500-501. Maruzen publication.
- 2016 Use of social media and video-sharing websites. Hashimoto, Yoshiaki ed. *Information Behavior among the Japanese 2015*. Chapter 3, pp.143-179. University of Tokyo Press.
- 2014 Mass media. In National Museum of Ethnology ed. *Encyclopedia of Ethnicity in the World*, pp.394-395. Maruzen Publication.
- 2014 Internet. In National Museum of Ethnology ed. *Encyclopedia of Ethnicity in the World*, pp.394-395. Maruzen Publication.
- 2012 Japanese Society as Information Network Society: Current State of Digital Natives. School of Arts and Sciences, University of Tokyo ed. *Lecture Live for High School Students of University of Tokyo: Academic Universe*. Chapter 14, pp.240-255. University of Tokyo Press.
- 2012 Deconstructing the desire for “Community Network.” In Sugimoto, Seiko ed. *Local Community in the Age of Information Society: Construction of Local Network with the aid of ICT*. Chapter 2, pp.41-60. National Museum of Ethnology.
- 2012 Japanese translation of the entries: Cultural Variation, Cultural Consensus Theory, Ecological Validity, Economics and Cognitive Science, Language and Communication, Language and Culture, Linguistic Relativity Hypothesis, Rational Choice Theory. In Nakajima, Hideyuki ed. *MIT Ninchi Kagaku Dai-jiten*, Kyoritsu Publication. Japanese translation version of Robert A.Wilson and Frank C.Keil eds. *The MIT Encyclopedia of the Cognitive Sciences*. MIT Press.
- 2011 Kimura, Tadamasu and Yoshitaka Saito. Lack of dynamics between online and offline activities among the Japanese: How culture constitutes cyberspace. In Sonja Kangas ed. *Digital Pioneers: Cultural drivers of future media culture*. Pp.40-63. Nuorisotutkimusverkosto (Finnish Youth Research Network)
- 2009 Cyberspace. In Japanese Society of Cultural Anthropology ed. *Encyclopedia of Cultural Anthropology*, pp. 696-699.
- 2009 Virtual Ethnography. In Japanese Society of Cultural Anthropology ed. *Encyclopedia of Cultural Anthropology*, pp. 700-701.
- 2008 Wikipedia and Japanese society: Collective intelligence or the cultural logic of neo-liberalism. In the Japanese translation version of Pierre Gourdain et.al. *Wikipedia Revolution*, pp. 118-158. Iwanami Shoten.
- 2007 Bologna: Perspective of Network Society as Civic Society. In Harada, I. ed. *Creative City: Generation of Innovative Contents Business*, pp. 115-136. NTT publication.

- 2007 Barcelona: Toward Creative Network Society. In Harada, I. ed. *Creative City: Generation of Innovative Contents Business*, pp. 137-151. NTT publication.
- 2006 Information society and digital divide. in RISTEX ed. *Science and Technology and Society: Its Transformation from 20th to 21st century*. Maruzen Planet Publications.
- 2006 Cyberspace as Socio-psychological Space: Cross-Cultural Comparison between the Finnish, Japan and Korea. with Yoshitaka Saito. In Katja Valaskivi ed. *Vaurauden Lapset: Näkökulmia japanilaiseen ja suomalaiseen nykykulttuuriin*. (Children of Affluence. Approaches to Japanese and Finnish Contemporary Culture). pp.85-109. Vaptapaino (In Finnish.)
- 2005 Current Picture of Digital Divide. In Hashimoto, Y. ed. *Network Society, Series Contemporary Media and Journalism Vol. 2*, pp. 102-133. Minerva Shobo.
- 2005 Information Network and Japanese Society. In Hashimoto, Y. ed. *Media, Course on Sociolinguistics Vol. 2*, pp. 240-263. Hitsuji Shobo.
- 2005 Ethnography of "Information Society", In Yamashita, S. and M. Fukushima eds., *Praxis of Contemporary Anthropology*, pp.62-82. Yuhikaku.
- 2005 Toward the Scandinavian Model of Post Advanced Consumer Society. In Negoro R. ed. *Socio-Economic System in the Digital Age*, pp. 291-297. Media Select.
- 2003 Value System. In Kokuryo, J. et.al. eds., *Keywords to Understand Information Society. Vol. 1*, pp.121-131, Baifukan.
- 2003 Digital Divide. In Kokuryo, J. et.al. eds., *Keywords to Understand Information Society. Vol. 1*, pp.262-269, Baifukan.
- 2002 Perspective from Medical Anthropology. In Hayakawa, H. ed. *To Become a Doctor: As a Person to Study Medicine*. pp.41-81. Yurumi Shoten.
- 2002 Socio-cultural Comparative Study of "Digital Divide." In C&C Promotion Foundation ed. *Digital Divide: Its Structure and Issues*, pp. 25-101. NTT publication
- 2002 'structuralism', 'transformation', 'symbolic mechanism', 'symbolic statement', 'encyclopedic knowledge', 'mode of information', 'folk theory', 'ethnopsychology', 'indigenous psychology', 'collective memory', 'basic color terms', 'focal color', 'cultural schema', 'culture theory', 'culture and inference', 'cultural models and motivation', 'formal semantic analysis', 'componential analysis', 'cross-cultural analysis', 'lexeme', 'cognitive division of labor', 'navigation', 'basic emotions', 'cultural consensus theory', In Japanese Cognitive Science Society ed. *Encyclopedia of Cognitive Science*. Kyoritsu Publication.
- 2001 E-business is not disruptive in *The Principles of Modern Japanology. Vol. 1: Work*, pp.94-98, Iwanami Shoten.
- 2000 Internet Governance: What it is. In *Internet Problematics 2001*, pp.49-64, Iwanami Shoten.
- 2000 Why domain name is important?: A political-economic view. in *Internet Problematics 2001*, pp.65-79, Iwanami Shoten.

Articles

- 2018 Extension of "symmetry" in terms of explanans based on the methodology of ethnographic study of CMC. *Trends of Academics*. 23(4), pp.24-30. Japan Science Support Foundation.
- 2018 Kitamura, Satoshi, Yoshiaki Hashimoto, Tadamasa Kimura, Ron Korenaga, Daisuke Tsuji, Yasutoshi Mori, Morihiro Ogasawara, and Daisuke Kawai. Cross-national comparison of information behavior and social attitudes: Online survey in Japan, China, South Korea, Singapore, and United States. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.34, pp. 119-211, the University of Tokyo.
- 2017 Why the liberal are ridiculed by the conservative in online opinion: Based on empirical data. *Chuo Koron*. 132(1): 134-141. Chuo Koron Shinsha.
- 2017 Seeking the True State of Online Opinion. *Currents*, nippon.com. <https://www.nippon.com/en/currents/d00334/>

- 2017 The Internet, Media, and Public Opinion in Japan. *Currents*, nippon.com. <https://www.nippon.com/en/currents/d00333/>
- 2016 Political attitudes and online activities among Japanese and Chinese “digital natives” based on mixed methods research. *Annual report of the Murata Science Foundation No.30*, pp.252-263.
- 2016 Children and network society. *Children’s Culture*, July-August 2017, pp.45-51. Kodomo-no Bunka Kenkyujo (Institute of Childeren’s Culture).
- 2011 On academic society in terms of disciplines and associations. *Journal of the Japanese Society for Artificial Intelligence*. 26(6):602-605.
- 2010 *Keitai*, Blog, and *Kuuki-wo-yomu* (Read the atmosphere): Communicative Ecology in Japanese Society. *Ethnographic Praxis in Industry Conference Proceedings*. 2010(1), pp. 199–215. In English.
- 2009 Fujiwara, Masahiro and Tadamasa Kimura, Relation between the Internet behavior and general social trust/uncertainty avoidance. *Journal of Japan Association for Social Informatics*, Vol.20, No.2, pp.43-55.
- 2009 Hashimoto, Yoshiaki, Kenichi Ishii, Tadamasa Kimura, Sangmi Kim, Morihiro Ogasawara, and Inbae Kim. Comparative study of information behavior at the election period between Japan and Korea: Relation between the use of media and the voting behavior in case of the election of Japanese House of Councilors and Korean President. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.25, pp.73-122, the University of Tokyo.
- 2009 Virtual ethnography: Toward restructuring a methodological foundation of cultural anthropology. *Journal of Waseda Society of Cultural Anthropology*, vol.10, pp.46-76.
- 2008 Hashimoto, Yoshiaki, Sangmi Kim, Kenichi Ishii, Morihiro Ogasawara, Tadamasa Kimura, and Inbae Kim. Comparative study of Internet use and online community between Japan and Korea. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.24, pp.1-47, the University of Tokyo.
- 2008 Hashimoto, Yoshiaki, Masato Ishizaki, Morihiro Ogasawara, Tadamasa Kimura, Kenichi Ishii, Sangmi Kim, and Inbae Kim. Comparison of Internet images on the leading newspapers in Japan, Korea and China. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.24, pp.49-77, the University of Tokyo.
- 2008 Saito, Yoshitaka, and Tadamasa Kimura. Socio-Cultural Differences in the Use of Personal Web Homepage and Electronic Communities among Japanese, Finnish, and Korean Youth. *Journal of Socio-Informatics Vol.1*, No.1, pp.137-146. In English.
- 2008 Cyberspace as Socio-psychological Space: Cross-Cultural Comparison among the Japanese, Koreans and Finns. *Journal of Socio-Informatics Vol.1*, No.1, pp. 57-70. In English.
- 2006 Cognitive Anthropology of "Getting Sick." *Journal of Waseda Society of Cultural Anthropology*, vol.7, pp.66-96.
- 2005 Saito, Yoshitaka and Tadamasa Kimura. Factors to Affect Setting Up of Their Own Homepage among Internet Users: Comparison among the Japanese, the Korean and the Finns. with Yoshitaka Saito. *Journal of Japan Society of Information and Communication Research*. Vol.23 no.1, pp.45-52.
- 2005 Digital Divide and Japanese Society. *Studies of Broadcasting and Media*. Vol.3, pp.9-56.
- 2005 SNS (Social Networking Service) and Interpersonal Trust Based on the Study of its Early Adopters among College Students. *Journal of Japan Association for Social Informatics*, vol.17 no.2, pp.23-31.
- 2005 Interaction Between Internet Media and Mass Media is Gaining Momentum. *NIRA Policy Research*, vol.18 no.12 pp.23-31.
- 2004 Saito, Yoshitaka and Tadamasa Kimura. "Rational ignorance" in a society with information technology innovations: Do people’s attitudes toward the digital divide differ among social groups? *Journal of Japan Association for Social Informatics*, vol.16 no.2, pp.45-58.
- 2004 Hashimoto, Yoshiaki, Kenichi Ishii, Tadamasa Kimura, Daisuke Tsuji, and Sangmi Kim. Analysis of effects of Internet use based on a panel study. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.20, pp. 205-345, the University of Tokyo.

- 2004 Network Reality: Conceiving a plot of information society as post advanced consumer society. *NIRA Policy Research*, vol.17 no.12 pp.6-26.
- 2003 Hashimoto, Yoshiaki, Kenichi Ishii, Tadamasa Kimura, and Sangmi Kim. Cross-cultural study of internet use among Japanese and Korean college students. *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.20, pp. 205-345, the University of Tokyo.
- 2002 Hashimoto, Yoshiaki, Daisuke Tsuji, Kenichi Ishii, Sangmi Kim, and Tadamasa Kimura. Investigation of "Internet Paradox." *Research bulletin of the Institute of Socio-Information and Communication Studies*, vol.18, pp.335-485, the University of Tokyo.
- 2001 Nordic countries as IT nations. *Public Administration & Auto Data Processing*, Jan. 2001, Institute of Administrative Information Systems
- 2001 On information society as PACS, Post Advanced Consumer Society. *Intelplace*, vol.66, pp.16-20, International University of Japan
- 2000 New paradigm for social agreement in networked society. *IMIDAS2000*, pp.30-31, Shueisha.
- 2000 Digital divide: Comprehensive restructuring of World System and decision to be made of Japanese society. *Memoirs of Tokyo Metropolitan Institute of Technology*, vol. 14, pp.1-6.
- 1999 Internet use and information literacy. *Proceedings of Japan Association of Social Informatics 14th Annual Conference*, pp. 195-200.
- 1999 Performance measurement and IT strategy in local government – A case study of New York City. *Proceedings of Japan Association of Social Informatics 14th Annual Conference*, pp. 141-146.
- 1999 Growing Use of ICT among Japanese college students in the late 90s and its Social Implications. *Memoirs of Tokyo Metropolitan Institute of Technology*, vol. 13, pp.17-22.
- 1998 Ethnography of fever. *Culture and Mind*, vol.2 no.3, pp.34-54.
- 1998 Grammar of media and passive attitude toward network among college students. *Linguistic Study of Japanese*, vol.17 no.11, pp.188-203.
- 1996 Electronic mail as a means of cyber politics. *Proceedings of Japanese Association of Sociolinguistic Sciences 5th Annual Conference*, pp.1-14.
- 1996 Cultural Models of “fever.” *Proceedings of Japanese Society of Ethnology 49th Annual Conference*, pp.25-32.
- 1996 Electronic mail as socio-cultural activity. *Linguistic Study of Japanese*, vol.15 no.12, pp.12-26.
- 1995 ITs effect on community: pursuit for new way of political activities. *NIRA (National Institute for Research Advancement) Policy Research*, vol.8 no.5, pp.26-31.