

# CURRICULUM VITAE

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**Name in Full:** Takashi Tsuzuki

**Present Title:** Professor of Cognitive Psychology, Department of Psychology, College of Contemporary Psychology, Rikkyo University  
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## Formal Education:

- 1982 B.S. in Educational Psychology, Nagoya University, Nagoya, Japan
- 1984 M.S. in Educational Psychology, Nagoya University, Nagoya, Japan
- 1986-1987 Exchange student at Graduate School of Education and Graduate School of Psychology, University of California, Los Angeles, USA
- 1994 Ph.D. in Psychology, Nagoya University, Japan.

## Positions Held:

- 1988-1989 Assistant Professor, Department of Educational Psychology, Nagoya University, Japan
- 1989-1991 Full Lecturer, School of Social Relations, Rikkyo University, Japan
- 1991-1998 Associate Professor, School of Social Relations, Rikkyo University, Japan
- 1998-2006 Professor, School of Social Relations, Rikkyo University, Japan
- 1999-2006 Lecturer, Graduate School of Psychology, Rikkyo University
- 2001-2003 Director of Department of Industrial Relations, School of Social Relations, Rikkyo University, Japan
- 2004 Lecturer, Department of Psychology, Tsukuba University, Japan
- 2009- 2011 Assistant Director, Graduate School of Contemporary Psychology, Rikkyo University
- 2006- pres. Professor of Cognitive Psychology, Department of Psychology, College of Contemporary Psychology, Rikkyo University

## International Positions Held:

- 1996-1997 Visiting Researcher, Department of Psychology, University of California, Santa Cruz, USA (Supervisor: Prof. Alan H. Kawamoto)
- 2003-2004 Visiting Researcher, Department of Psychology, University of California, Los Angeles, USA (Supervisor: Prof. Keith J. Holyoak)
- 2011 Visiting Researcher, Department of Psychology, Stanford University, USA (Supervisor: Prof. James L. McClelland)
- 2011 Visiting Researcher, Department of Psychological and Brain Sciences, Indiana University Bloomington, USA (Supervisor: Prof. Jerome R. Busemeyer)

## Research Articles Published:

- Tsuzuki, T., Takeda, Y., & Chiba, I. (in preparation). Effortful processing reduces the attraction effect in multi-alternative decision making: An electrophysiological study using a task-irrelevant probe technique.
- Chiba, I., Takeda, Y., & Tsuzuki, T. (in preparation). Context effects in multi-alternative perceptual decision making: An eye-tracking study.
- Soma, M., & Tsuzuki, T. (2018). A neural network model of the phantom effect on the two-attributes three-alternatives decision making task. *Rikkyo Psychological Research*, 59. (In Japanese with English abstract)
- Tsuzuki, T., & Matsuda, K. (2015). Introduction to the feature: Cognitive science of judgment and decision making. *Cognitive studies*, 22(3), 308-314.
- Soma, M., & Tsuzuki, T. (2015). Effects of consideration strategies on judgments in moral dilemmas. *Rikkyo Psychological Research*, 57, 51-61. (In Japanese with English abstract)
- Chiba, I., & Tsuzuki, T. (2014). Comprehensive analysis of the occurrence mechanisms of the compromise and attraction effects in multi-attribute decision making: An experimental examination using a physiological index

- and eye tracking. *Cognitive Studies*, 21(4), 451-467. (in Japanese with English abstract).
- Soma, M., & Tsuzuki, T. (2014). Recent trends in research on decision making with respect to debiasing. *Rikkyo Psychological Research*, 56, 45-58. (In Japanese with English abstract)
- Hashimoto, Y., & Tsuzuki, T. (2013). Mismatch between interpretation of intention and results in multi-attribute decision making: The choice blindness paradigm and decision making by bounded rationality. *Rikkyo Psychological Research*, 55, 45-53. (In Japanese with English abstract)
- Chiba, I., & Tsuzuki, T. (2013). Recent trends in research on decision strategies and process tracing methods for decision making. *Rikkyo Psychological Research*, 55, 33-44. (In Japanese with English abstract)
- Kikuchi, M., & Tsuzuki, T. (2013). Trends of decision-making research in medical domains. *Rikkyo Psychological Research*, 55, 55-66. (In Japanese with English abstract)
- Soma, M., & Tsuzuki, T. (2013). Recent trends in research on decision making with respect to the moral dilemma problem. *Rikkyo Psychological Research*, 55, 67-77. (In Japanese with English abstract)
- Tsuzuki, T., Honma, M., Chiba, I., & Kikuchi, M. (2014). A time-series eye-tracking analysis of the attraction and compromise effects in multi-attribute decision making. *The Japanese Journal of Cognitive Psychology*, 11(2), 81-96. (In Japanese with English abstract)
- Tsuzuki, T., Matsui, H., & Kikuchi, M. (2012). Multi-measure analysis of the similarity effect, attraction effect, and compromise effect in multi-attribute decision making. *The Japanese Journal of Psychology*, 83, 398-408. (In Japanese with English abstract)
- Tsuzuki, T., & Busemeyer, J. R. (2012). A multi-measure analysis of context effects in multi-attribute decision making: Examining the similarity, attraction, and compromise effects. In N. Miyake, D. Peebles, & R. P. Cooper (Eds.), *Proceedings of the 34th Annual Conference of the Cognitive Science Society*. (pp. 1054-1059). Austin, TX: Cognitive Science Society.
- Kikuchi, M., Tsuzuki, T., & Chiba, I. (2012). The construction, reliability and validity of the Japanese personal fear of invalidity scale for measuring decision-making style. *Rikkyo Psychological Research*, 54, 35-42. (In Japanese with English abstract)
- Chiba, I., & Tsuzuki, T. (2012). Trends in studying context effects on multi-attribute, multi-alternative decision making and dual process theory: The relationship with self-control and cognitive resources. *Rikkyo Psychological Research*, 54, 59-66. (In Japanese with English abstract)
- Soma, M., & Tsuzuki, T. (2012). In prescriptive approach available decision tool and that future. *Rikkyo Psychological Research*, 54, 91-100. (In Japanese with English abstract)
- Tsuzuki, T., & Kikuchi, M. (2010). New trends in computational modeling studies of the higher-level cognitive process. *Rikkyo Psychological Research*, 52, 33-47. (In Japanese with English abstract)
- Tsuzuki, T. (2008). Measurement of the decision-making style using the maximization and regret scale: Validity of the maximization and regret scale and the relationship between maximization and self-consciousness scales. *Rikkyo Psychological Research*, 50, 57-65. (In Japanese with English abstract)
- Tsuzuki, T., Okada, A., Hisano, M., & Saito, H. (2008). The organization of the orthographic, semantic and syntactic features of ambiguous Japanese words in the mental lexicon: Application of asymmetric MDS, INDSCAL and INDCLUS to analyze associational responses. *Rikkyo Psychological Research*, 50, 57-65. (In Japanese with English abstract)
- Tsuzuki, T., & Matsui, H. (2006). New trends in modeling studies on context effects in multi-attribute decision making. *Rikkyo Psychological Research*, 48, 69-79. (In Japanese with English abstract)
- Tsuzuki, T., Matsui, H., Kimura, Y. (2006). An exploratory analysis of the referential attributes of products in purchase decision making. *The Journal of Applied Sociology*, 48, 69-79. (In Japanese)
- Matsui, H., & Tsuzuki, T. (2006). Gradual and radical decision making by framing. *The Journal of Applied Sociology*, 48, 205-211. (In Japanese)
- Tsuzuki, T., & Guo, F. Y. (2004). A stochastic comparison-grouping model of multi-alternative choice: Explaining decoy effects. K. Forbus, D. Gentner, & T. Regier (Eds.), *Proceedings of the Twenty-sixth Annual Conference of the Cognitive Science Society, NJ: Lawrence Erlbaum Associates*, Pp. 1351-1356.
- Tsuzuki, T., Uchida, T., Yukihiro, R., Hisano, M., & Tsuzuki, K. (2004). Effects of syntactic information on semantic access of ambiguous verbs in spoken language comprehension: Evidence from a cross-modal priming experiment. *Japanese Psychological Research*, 46(1), 31-43.
- Tsuzuki, T., Yukihiro, R., & Kimura, Y. (2003). A connectionist model of group decision making and communication mode: Comparison between computer-mediated versus face-to-face communication. In P. P. Slezak (Ed.), *Proceedings of the Joint International Conference on Cognitive Science (ICCS/ASCS-2003)*, University of New South Wales.
- Tsuzuki, T. (2002a). Connectionist models and higher-level cognitive processes. *Technical Report of Japanese Institute of Electronics, Information and Communication Engineers (Neuro computing)*, 101, No.615, NC2001-82, 1-8. (In Japanese with English abstract)
- Tsuzuki, T. (2002b). Connectionist modeling of human memory processes. *The Japanese Journal of*

- Psychonomic Science*, 20, 169-174. (In Japanese with English abstract)
- Tsuzuki, T., & Asakawa, S. (2002). Cognitive science and connectionist modeling. *Cognitive Studies*, 10, 2-8. (In Japanese with English abstract)
- Tsuzuki, T., Kawahara, T., & Kusumi, T. (2002). Connectionist modeling of higher-level cognitive processes. *The Japanese Journal of Psychology*, 72, 541-555. (In Japanese with English abstract)
- Tsuzuki, T. (2001). Connectionism. *Cognitive Studies*, 8, 225-238. (In Japanese with English abstract)
- Tsuzuki, T., & Kimura, Y. (2001). Analyses of psychological factors of mediated communication in undergraduate students: Comparison of face-to-face, cell phone, email via cell phone, email via personal computer conditions. *The Journal of Applied Sociology*, 42, 15-24. (In Japanese)
- Tsuzuki, T., & Kimura, Y. (2001). Analyses of the psychological aspects of mediated communication and interpersonal relatedness. *Rikkyo Psychological Research*, 47, 25-34. (In Japanese with English abstract)
- Tsuzuki, T. (2000). Overview of models on word pronunciation: Dual-route models, analogy models, and parallel distributed processing models. *Rikkyo Psychological Research*, 42, 21-30. (In Japanese with English abstract)
- Tsuzuki, T. (1999). Phonemic level analyses of naming data: Problems in measuring naming latencies in cognitive psychology. *The Journal of Applied Sociology*, 41, 51-57. (In Japanese)
- Tsuzuki, T., Kawamoto, A. H., & Yukihiro, R. (1999). A parallel distributed processing model of lexical ambiguity resolution: Theoretical integration of empirical data for processing ambiguous Japanese words when presented in context. *Cognitive Studies*, 6, 91-104. (In Japanese with English abstract)
- Tsuzuki, T., Uchida, T., Kawamoto, A. H., Yukihiro, R., Hisano, M., & Tsuzuki, K. (1999). Effects of postpositional particles on semantic processing of homophonic transitive and intransitive verbs using a cross-modal priming method: Empirical data and a parallel distributed processing account. *Proceedings of the 2nd International Conference of the Cognitive Science*, 1034-1037.
- Tsuzuki, T. (1998). Network models of memory representation and language processing in cognitive psychology. *The Journal of Applied Sociology*, 40, 27-44. (In Japanese)
- Kimura, Y., & Tsuzuki, T. (1998). Group decision making and communication mode: An experimental social psychological examination of the differences between computer-mediated communication and face-to-face communication. *The Japanese Journal of Experimental Social Psychology*, 38, 183-192. (In Japanese with English abstract)
- Tsuzuki, T. (1996). A connectionist model of lexical ambiguity resolution in sentence comprehension. *The Japanese Psychological Review*, 39, 273-294. (In Japanese with English abstract)
- Tsuzuki, T., & Okada, A. (1996). An analysis of the semantic and syntactic features of polysemous verbs in the mental lexicon using INDSCAL and INDCLUS. *Abstracts of the 5th Conference of International Federation of Classification Societies*, vol.2, Pp.91-94. (In Japanese with English abstract)
- Tsuzuki, T., & Okada, A. (1995). Semantic differential analyses of psychological factors involved in the use of personal computers. *The Journal of Applied Sociology*, 37, 1-10. (In Japanese)
- Tsuzuki, T. (1993a). Connectionist models of lexical ambiguity resolution in the understanding of natural language. *The Journal of Applied Sociology*, 35, 89-101. (In Japanese)
- Tsuzuki, T. (1993b). The effects of context-dependent and context-independent associative strength on prime and target words in the processing of lexical ambiguity. *The Japanese Journal of Psychology*, 64, 191-198. (In Japanese with an English abstract)
- Tsuzuki, T. (1991). Context effect and the semantic disambiguation process of homophones. *The Journal of Applied Sociology*, 33, 223-231. (In Japanese)
- Saito, H., & Tsuzuki, T. (1991). Retrieval processes in associative memory (2): Norms of retrieval variability for forty eight homophones in a Japanese context. *Research Bulletin, the College of General Education, Nagoya University*, 35, 49-80. (In Japanese with English abstract)
- Tsuzuki, T. (1990). A cognitive science approach to natural language processing. *The Journal of Applied Sociology*, 32, 9-17. (In Japanese)
- Saito, H., & Tsuzuki, T. (1989). Retrieval processes in associative memory: Norms of retrieval variability for forty eight homophones. *Research Bulletin, the College of General Education, Nagoya University*, 33, 69-106. (In Japanese with English abstract)
- Tsuzuki, T. (1988). Spreading activation theories in sentence memory, sentence comprehension, and speech production. *Bulletin of the Faculty of Education, Nagoya University*, 35, 67-84. (In Japanese with English abstract)
- Tsuzuki, T. (1987). Effects of verbatim information on recognition of S-O-V sentences in incidental learning. *The Japanese Journal of Psychology*, 58, 151-157. (In Japanese with English abstract)
- Tsuzuki, T. (1986). Effects of levels-of-processing on retention of target and non-target words in a selective attention task. *The Japanese Journal of Psychology*, 56, 328-334. (In Japanese with English abstract)
- Tsuzuki, T. (1985). A computer simulation for the network activation theory of sentence memory. *Bulletin of*

*the Faculty of Education, Nagoya University, 32, 21-47. (In Japanese with English abstract)*

### **Papers Presented at Professional International Meetings:**

- Tsuzuki T., & Chiba I. (2017). A time-series eye-fixation analysis of the similarity-compromise effect. *Proceedings of the 38th Annual Conference of the Cognitive Science Society (London, UK)*, Poster-2, No.78.
- Seshita, Y. & Tsuzuki, T. (2017). Examination of the influence of structural incongruity on humor processing by measuring event-related potential. *Abstract of the 38th Annual Conference of Society for Judgment and Decision Making (Vancouver, Canada)*, Poster Session No.1-143.
- Tsuzuki, T., Takeda, Y., & Chiba, I. (2016). Effortful processing reduces the attraction effect in multi-alternative decision making: An electrophysiological study using a task-irrelevant probe technique. *Abstracts of the Psychonomic Society (Boston, USA)*, Vol.21, p.116, No.1206.
- Kikuchi, M., & Tsuzuki, T. (2016). Influences of social distance and accountability in multi-alternative decision making. *The 31st International Congress of Psychology (ICP2016, Yokohama, Japan)*, PS28A-12-91.
- Seshita, U., & Tsuzuki, T. (2016). An examination of the correlation between sense of humor and fantasy proneness. *Abstract of the 37th Annual Conference of Society for Judgment and Decision Making (Boston, USA)*, No.2-139.
- Soma, M., Tsuzuki, T., & Chiba, I. (2016). Phantom effect in dynamical models of multialternative choice. *The 31st International Congress of Psychology (ICP2016, Yokohama, Japan)*, PS28A-12-87.
- Kawai, H., Tsuzuki, T., & Chiba, I. (2016). The impact of simultaneous presentation of plural prisoner's dilemma games on the cooperation rate and its prediction. OR25-16-5.
- Tsuzuki, T., Takeda, Y., & Chiba, I. (2015). Context Effects in multi-alternative decision making and the N1 amplitude elicited by task irrelevant auditory probes. *Abstracts of the Psychonomic Society (Chicago, USA)*, Vol.20, No.1192.
- Tsuzuki, T., & Chiba, I. (2015). A time-series attribute-and-alternative-wise saccades analysis of the attraction and compromise effects in multi-alternative decision making. *Abstract of the 36th Annual Conference of Society for Judgment and Decision Making (Chicago, USA)*, No.1-139.
- Chiba, I., Tsuzuki, T., & Hashiguchi, S. (2015). Eye-tracking analysis of compromise and attraction effects in perceptual decision making. *Abstract of the 36th Annual Conference of Society for Judgment and Decision Making (Chicago, USA)*, No.1-140.
- Ohkawa, T., & Tsuzuki, T. (2015). Factors affecting communication style preferences: SNS versus face-to face and individual versus group. *Abstract of the 36th Annual Conference of Society for Judgment and Decision Making (Chicago, USA)*, No.1-75.
- Tsuzuki, T., Chiba, I., & Soma, M. (2014). A Time-series eye-fixation analysis of the similarity, attraction, and compromise effects in multi-attribute decision making. *Abstracts of the Psychonomic Society*, Vol.19, 1187.
- Tsuzuki, T., Chiba, I., & Soma, M. (2014). The influence of time pressure on the phantom effect in multi-attribute decision making. *Abstract of the 35th Annual Conference of Society for Judgment and Decision Making*, No.1-166.
- Hashiguchi, S., Honma, M., Moriguchi, Y., Kuriyama, K., & Tsuzuki, T. (2014). The effect of emotional state on encoding of memory for recognition human faces with different facial expressions. *Abstracts of the Psychonomic Society*, 19, 5047.
- Chiba, I., Tsuzuki, T., & Soma, M. (2014). Eye-tracking analysis of decision strategies involved in the context effects in perceptual decision making. *Abstract of the 35th Annual Conference of Society for Judgment and Decision Making*, No.1-29.
- Soma, M., Tsuzuki, T., & Chiba, I. (2014). The effect of time pressure and ego depletion on moral judgment in the moral dilemma. *Abstract of the 35th Annual Conference of Society for Judgment and Decision Making*, No.2-107.
- Tsuzuki, T., & Honma, M. (2013). A time-series eye-tracking analysis of context effects in multi-attribute decision making. *Abstracts of the Psychonomic Society*, 18, 231.
- Tsuzuki, T., Kikuchi, M., & Chiba, I. (2013). The effect of time pressure on group polarization and the first advocacy effect in group decision-making. *Abstract of the 34th Annual Conference of Society for Judgment and Decision Making*, No.1-40.
- Tsuzuki, T., Kikuchi, M., & Chiba, I. (2013). Differences between maximizers and satisficers in regret and counterfactual thinking during repeated versus switching decisions. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.) *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (p. 48). Austin TX: Cognitive Science Society.

- Chiba, I., Tsuzuki, T., & Soma, M. (2013). An eye tracking and verbal protocol analysis of decision strategies in context effects of multi-attribute decision making. *Abstract of the 34th Annual Conference of Society for Judgment and Decision Making*, No.2-111.
- Chiba, I., Tsuzuki T., & Kikuchi, M. (2013). The construal level theory and the dual process theory in multi-attribute decision making: An empirical examination. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth (Eds.), *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (p. 46). Austin TX: Cognitive Science Society.
- Chiba, I., Tsuzuki, T., & Soma, M. (2012). The examination of physiological factor on two context effects in multi-attribute decision making. *Proceedings of the 34th Annual Conference of the Cognitive Science Society. Sapporo, Japan.* (No.2653)
- Tsuzuki, T., Kikuchi, M., & Chiba, I. (2011). The influence of maximizing tendency on regret and counterfactual thinking in repeated versus switching decisions. *Abstract of the 32nd Annual Conference of Society for Judgment and Decision Making*, Poster Session #2, No.75.
- Chiba, I., Tsuzuki, T., Kikuchi, M., Souma, M., & Hashimoto, Y. (2011). The influence of physiological factors on context effects in multi-attribute decision making. *Abstract of the 32nd Annual Conference of Society for Judgment and Decision Making*, Poster Session #2, No.17.
- Hashimoto, Y., Tsuzuki, T., Chiba, I., Souma, M., & Kikuchi, M. (2011). Mutual interaction between product categories and three kinds of context effects in multi-attribute decision making. *Abstract of the 32nd Annual Conference of Society for Judgment and Decision Making*, Poster Session #1, No.17.
- Tsuzuki, T., & Kikuchi M. (2010). The influence of mood manipulation and decision-making style on the attraction effect in multi-attribute, multi-alternative decision making. *Abstract of the 31th Annual Conference of Society for Judgment and Decision Making* (Poster No.207).
- Kikuchi M., & Tsuzuki, T. (2010). The influence of time pressure and information-searching activities on two context-dependent effects in multi-attribute decision making. *Abstract of the 31th Annual Conference of Society for Judgment and Decision Making* (Poster No.24).
- Tsuzuki, T., Shirai, T., Ohta, A., Matsui, H., & Honma, M. (2008). An eye-tracking analysis of context effects in multi-attribute, multi-alternative decision making: Examining the attraction effect and the compromise effect. *Abstract of the XXIX International Congress of Psychology, Berlin, PS-Mon-pm/113.*
- Tsuzuki, T., & Matsui, H. (2006). Context effects in multi-attribute decision making: Examining attraction, similarity and compromise effects. *Abstract of the 27th Annual Conference of Society for Judgment and Decision Making*, Pp.30.
- Tsuzuki, T., Uchida, T., Yukihiro, R., Hisano, M., & Tsuzuki, K. (1998). Effects of syntactic information on disambiguation of homophonic Japanese verbs using a cross-modal priming task. *Abstract of 2nd Japanese conference on memory*, Pp.29.
- Tsuzuki, T. (1997). Effects of syntactic information on ambiguous Japanese verbs in sentence comprehension using a cross-modal priming task. M.G. Shafto, & P. Langley (Eds.), *Proceedings of the nineteenth annual conference of the Cognitive Science Society*, NJ: Lawrence Erlbaum Associates, Pp.1071.
- Tsuzuki, T., Uchida, T., Yukihiro, R., Hisano, M. (1997). Effects of syntactic information on semantic access of ambiguous verbs in comprehending an auditorily presented sentence. *Abstract of the 8th International Conference on Cognitive Processing of Asian Languages & Symposium on Brain, Cognition, and Communication in Nagoya*, Pp.92.
- Tsuzuki, T. (1996). Effects of associative strength of phonogramic and deogramic words on the processing of lexical ambiguity. *Abstract of the XXXVI International Congress of Psychology*, Pp.89.
- Tsuzuki, T., & Tsuzuki-Hayakawa, K. (1995). The context effect on processing lexical ambiguity through the mental conversion from a polysemous phonogramic word to a compound ideogramic word: A speed-accuracy study. *Abstract of the 7th International Conference on the Cognitive Processing of Chinese and other Asian Languages, Hong Kong*, Pp.46.

### **Books Published:**

- Tsuzuki, T. (Ed.) (2017). *The psychology of ICT and information behavior*. Kyoto: Kitaoji-shobo.
- Tsuzuki, T. (2014). Modeling studies of cognition. H. Shimoyama (Ed.), *The dictionary of psychology*. Tokyo: Seishin-shobo. Pp. 134-137.
- Tsuzuki, T. (2013). Simulation studies, models of human memory. The Japanese society of cognitive psychology (Ed.), *The handbook of cognitive psychology*. Pp.22-23, 142-143.
- Tsuzuki, T. (2010a). Connectionist models of language and thought. In T. Kusumi (Ed.), *Human thought and language: Contemporary cognitive psychology 3*. Kyoto: Kitaoji-shobo. Pp. 81-107.
- Tsuzuki, T. (2010b). Everyday cognition. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 81-107.

- Tsuzuki, T. (2010c). The representation and structure of knowledge. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 191-216.
- Tsuzuki, T. (2010d). Language understanding. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 217-246.
- Tsuzuki, T. (2010e). Problem solving and inference. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 247-280.
- Tsuzuki, T. (2010f). Judgment and decision making. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 281-306.
- Tsuzuki, T. (2010g). Computation in recurrent network. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 212-213.
- Tsuzuki, T. (2010h). Advertisement and consumer behavior. In Y. Hakoda, T. Tsuzuki, H. Kawabata, & S. Hagiwara, *Cognitive psychology: Brain, modeling and evidence*. Tokyo: Yuhikaku. Pp. 304-305.
- Tsuzuki, T. (Ed.) (2008). Experimental examinations and modeling of multi-attribute decision making. *Technical report for the grand-in-aid for general scientific research in 2005-2007, the Ministry of Education, Science and Culture*. 99 p.
- Tsuzuki, T. (2006). Knowledge and language understanding. In H. Kaiho & T. Kusumi (Eds.), *Comprehensive dictionary of psychology*. Tokyo: Asakura-shoten. Pp. 257-267.
- Tsuzuki, T. (2005a). Connectionism. In Japanese Artificial Intelligence Society (Ed.), *Dictionary of artificial intelligence*. Tokyo: Kyoritsu-syuppan. Pp. 127-128.
- Tsuzuki, T. (2005b). Production system, Spreading activation model. In Y. Nakazima et al. (Eds.), *Psychology: Basic facts and concepts*. Tokyo: Yuhikaku. Pp. 155, 163.
- Wakashima, K., Tsuzuki, T., & Matsui, H. (Eds.) (2005). *Psychological experiment manual*. Tokyo: Hokuki-syuppan. 140 p.
- Tsuzuki, T. (Ed.) (2002). *Perspectives of cognitive science: Ten points of view from psychology*. Tokyo: Shinzan-sya. 281 p.
- Tsuzuki, T. (Ed.) (2001). Experimental psychological examinations of priming effects by phonemic level analyses. *Technical report for the grand-in-aid for general scientific research in 1998-2000, the Ministry of Education, Science and Culture*. 99 p.
- Tsuzuki, T., & Ito, Y. (2001). Network theories in cognitive psychology. In Y. Nakajima (Ed.), *Encyclopedia of modern psychological theories*. Tokyo: Asakura-syoten, Pp. 286-307.
- Tsuzuki, T., & Kimura, Y. (2001). A parallel constraint satisfaction model of the communication mode and the risky shift in group decision making. In K. Mori, T. Tsuzuki, & T. Kusumi (Eds.), *Connectionist models and psychology: Understanding mind by simulations of the brain*. Kyoto: Kitaoji-shobo. Pp.119-133.
- Tsuzuki, T., & Kusumi, T. (Eds.) (2001). *Connectionist modeling of higher-level cognitive functions: Neural networks and symbolic connectionism*. Tokyo: Kyoritsu-syuppan.222p.
- Tsuzuki, T., & Yukihiko, R. (2001). Processing of lexical ambiguity in language understanding: Priming experiments and simulations by a connectionist model. In K. Mori, T. Tsuzuki, & T. Kusumi (Eds.), *Connectionist models and psychology: Understanding the mind by simulations of the brain*. Kyoto: Kitaoji-shobo. Pp. 149-164.
- Tsuzuki, T. (1999a). Computer simulation. In H. Kaiho & T. Kato (Eds.), *Techniques of cognitive studies*. Tokyo: Fukumura-shoten. Pp. 21-24.
- Tsuzuki, T. (1999b). Neural networks (PDP models). In H. Kaiho & T. Kato (Eds.), *Techniques of cognitive studies*. Tokyo: Fukumura-shoten. Pp. 101-106.
- Tsuzuki, T. (1999c). Production system. In H. Kaiho & T. Kato (Eds.), *Techniques of cognitive studies*. Tokyo: Fukumura-shoten. Pp. 121-126.
- Tsuzuki, T. (1997) *Activation and inhibition process of memory representation in language processing*. Tokyo: Kazama-syobo. 195 p.
- Okada, A., Tsuzuki, T., & Yamaguchi, K. (1995). *Statistical methods for data analysis*. Tokyo: Kyoritsu-syuppan. 164 p.
- Tsuzuki, T. (1994a). Social research. In S. Nitta, & H. Ohsugi (Eds.), *Introduction to information processing for economics and sociology*. Tokyo: Asakura-shoten. Pp. 171-182.
- Tsuzuki, T. (1994b). Association value, discrimination, discrimination learning, distributed learning, forgetting and remembering, generalization, heuristics, imitative learning, mathematics method, matrix method, mediating process. In H. Kishimoto, Y. Shibata, Y. Watabe, T. Mutoh, M. Yamamoto (Eds.), *Dictionary of educational psychological terms*. Tokyo: Gakubun-sya.
- Tsuzuki, T. (1993). Cognition, cognitive environment, cognitive process, cognitive psychology, cognitive science, cognitive structure, intrinsic motivation, script. In K. Morioka, T. Shiohara., & Y. Honma (Eds.), *New encyclopedia of sociology*. Tokyo: Yuhikaku. Pp.812, 1117, 1139-1142.

**Awards:**

1991-1992, 1993-1994: Grant-in-aid for encouragement of young scientists, The Ministry of Education, Science and Culture.

1993-1995, 1994-1995, 1998-2000, 2005-2007, 2013-2015: Grant-in-aid for general scientific research, The Ministry of Education, Science and Culture.

**Current Main Research:**

1) Experiment: Recently, I have examined the irrational phenomena (the context effects) of multi-attribute, multi-alternative decision making (e.g., the attraction, compromise, similarity, and phantom effect) based on the usual performance measures (selection rates, confidence ratings and decision time), the eye-fixations and the saccades, the mouse tracking method of process tracing, and the ERP.

2) Modeling: Connectionist (neural network) modeling of multi-alternative decision making.

**Professional Service:**

Executive Secretary, Society of Psychology in Tokai district, Japan (1988-1989)

Editorial Committee of Japanese Society of Educational Psychology (1999-2001)

Editorial Committee of the Japanese Cognitive Science Society (1996-1998, 2001-2005)

Governing Committee of the Japanese Cognitive Science Society (1999-2001, 2009-pres.)

Chair of the 7th Annual Meeting of the Japanese society for Cognitive Psychology (2008-2009)

**Affiliations with Professional Organizations:**

The Psychonomic Society (Fellow)

The Cognitive Science Society

Society for Judgment and Decision Making

The Japanese Society for Cognitive Psychology

The Japanese Cognitive Science Society

The Japanese Psychological Association

The Japanese Society of Social Psychology