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1987-1989 年: 通商産業省産業政策局企業行動課係長

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【研究業績】

(著書)

- ・ 元橋一之『データ・エコノミーの未来: 日本の競争戦略と個人情報保護』 山口真 一編、第4章 AI ドリブンイノベーション時代の日本の産業競争力、GLOCOM
- ・ 元橋一之『人工知能と経済』山本勲編著、勁草書房、第6章:生産性――イノベー

ション戦略の重要性古田一雄・糸井達哉・菅野太郎・藤井康正・小宮山涼一 ・和泉 潔・川久保佐記・米納弘渡・元橋一之『レジリエンス工学入門:「想定外」に備える ために』日科技連出版社, 2017/07

- · 元橋一之、渡部俊也, "経済·知財·経営工学 知的財産経営", 東京大学工学教程編纂 委員会 編, 2016/08
- Kazuyuki Motohashi, Global Business Strategy Multinational Corporations Venturing into Emerging Markets, Springer Japan, 2015/04
- ・ 元橋一之(編著)、『アライアンスマネジメント』白桃書房、2014/04
- ・ 元橋一之、『日はまた高く 産業競争力の再生』日本経済新聞出版社、2014/02
- ・ 元橋 一之、『グローバル経営戦略』、東京大学出版会、2013/03
- ・ 元橋一之・小川紘一・立本博文・富田純一・新宅純二郎、『グローバルビジネス戦略』 (東京大学知的資産経営総括寄付講座シリーズ第2巻、渡部俊也編)、白桃書房、 2011年11月
- ・ 元橋一之(編著)、『日本のバイオイノベーション』、白桃書房、2009年11月
- Dale Jorgenson, Masahiro Kuroda and Kazuyuki Motohashi, Productivity In Asia: Economic Growth and Competitiveness, Edward Elgar Publishing, 2007/12
- ・ 元橋一之、『ITイノベーションの実証分析-日本経済のパフォーマンスはどう変化したか』、東洋経済新報社、2005年3月
- ・ 元橋一之・安藤晴彦、『日本経済:競争力の構想-スピード時代に挑むモジュール化 戦略』、日本経済新聞社、2002 年 12 月

(查読付公表論文)

- Xinyue Hu, Yongli Tang, Kazuyuki Motohashi ",Varied university-industry knowledge transfer channels and product innovation performance in Guangdong manufacturing firms, Knowledge Management Research & Practice, published online
- Byeongwoo Kang, Kazuyuki Motohashi "Academic contribution to industrial innovation by funding type ", Scientometrics, 124:169–193

- Deyun Yin, Kazuyuki Motohashi, Jiangwei Dang "Large-scale name disambiguation of Chinese patent inventors (1985-2016)", Scientometrics, 122, pp. 765-790 (2020)
- Lei Wang, Dong Huo, Kazuyuki Motohashi, "Coordination Mechanisms and Overseas Knowledge Acquisition for Chinese Suppliers: The Contingent Impact of Production Mode and Contractual Governance", Journal of International Management, 25(2), Aeticle 100653, 2019/06
- Dong Huo, Kazuyuki Motohashi, Han Gong " Team diversity as dissimilarity and variety in organizational innovation", Research Policy, 48(6), 1564-1572
- Lei Wang, Fuming Jiang, Jun Li, Kazuyuki Motohashi, Xiaosong Zheng, "The contingent effects of asset specificity, contract specificity, and trust on offshore relationship performance", Journal of Business Research, Volume 99, 338-349, 2019/03
- Yongli Tang, Kazuyuki Motohashi, Xinyue Hu, Angeles Montoro-Sanchez,
 "University-industry interaction and product innovation performance of Guangdong manufacturing firms: the roles of regional proximity and research quality of universities", The Journal of Technology Transfer, 2019, 1-41, 2019/02
- Haiyan Yu, Jianwei Dang, Kazuyuki Motohashi, "Post-M&A technological capability-building of emerging market firms in China: the case of Lenovo", Asia Pacific Business Review, 25:1, 40-60, 2019/01
- Suchit Pongnumkul, Kazuyuki Motohashi, "A bipartite fitness model for online music streaming services", Physica A: Statistical Mechanics and its Applications, Volume 490, 2018, Pages 1125-1137, 2017/09
- Masayo Kani, Kazuyuki Motohashi, "Determinants of demand for technology in relationships with complementary assets among Japanese firms", China Economic Journal, Vol. 10, 2017-Iss. 2, pp244–262, 2017/05
- Seokbeom Kwon, Kazuyuki Motohashi, "How institutional arrangements in the National Innovation System affect industrial competitiveness: A study of Japan and the U.S. with multiagent simulation", Technological Forecasting and Social Change, Vol 115, February 2017, pp221–235, 2017/02

- Haiyu Mao, Kazuyuki Motohashi, "A Comparative Study on Tenant Firms in Beijing Tsinghua University Science Park and Shenzhen Research Institute of Tsinghua University ",Asian Journal of Innovation and Policy, Vol 5 No3 December 2016, 2016/12
- Kazuyuki Motohashi, Takanori Tomozawa, "Differences in science based innovation by technology life cycles: the case of solar cell technology ", Int. J. Technology Management, Vol. 72, Nos. 1/2/3, 2016/11
- ・ 元橋一之、カン・ビョンウ, "公的研究機関のイノベーションプラットフォームとしての役割", 研究 技術 計画, Vol31 No.2/2016, pp236-247, 研究・イノベーション学会, 2016/08
- Shinya Kinukawa, Kazuyuki Motohashi, "What determines the outcome of licensing deals in market for technology? Empirical analysis of sellers and buyers in biotechnology alliances", Int. J. of Technology Management, 2016 Vol.70, No.4, pp.257 - 280
- Kazuyuki Motohashi,"Innovation and Entrepreneurship: A First Look at the Linkage Data of Japanese Patent and Enterprise Census", Seoul Journal of Economics, vol.29(2016), No.1, 2016/03
- Kazunobu Hayakawa, Toshiyuki Matsuura, Kazuyuki Motohashi, "How Does FDI Affect Productivity at Home?: Evidence from a Plant-Level Analysis", Journal of Industry, Competition and Trade
- ・ 松本 久仁子、元橋 一之,日本のバイオ産業におけるシュンペーター仮説の検証, 日本 MOT 学会誌 № 4
- Kazuyuki Motohashi, "Measuring Multinationals' R&D Activities in China on the Basis of a Patent Database: Comparing European, Japanese and US Firms, China & World Economy, Vol 23 Issue 6, pp1-21, 2015/11
- Jianwei Dang, Kazuyuki Motohashi, "Patent statistics: A good indicator for innovation in China? Patent subsidy program impacts on patent quality, China Economic Review Volume 35, September 2015, pp137–155, 2015/09
- Suchit Pongnumkul, Kazuyuki Motohashi, "Random Walk-based Recommendation with Restart using Social Information and Bayesian Transition

Matrices" "International Journal of Computer Applications (IJCA), 114(9), 2015/03

- Byeongwoo Kang, Kazuyuki Motohashi, "Essential intellectual property rights and inventors' involvement in standardization" Research Policy, 14(2), 483-492, 2015/03
- Kazuyuki Motohashi, "Different Impacts of Scientific and Technological Knowledge on Economic Growth: Contrasting Science and Technology Policy in East Asia and Latin America" Asian Economic Policy Review (2015) 10, pp,67-68, 2015/01
- Byeongwoo Kang, Dong Huob, Kazuyuki Motohashi, "Comparison of Chinese and Korean companies in ICT global standardization: Essential patent analysis "Science Direct, Telecommunications Policy, 38(10), November 2014, Pages 902-913, 2014/11
- Yuan Yuan & Kazuyuki Motohashi, "Impact of Leverage on Investment by Major Shareholders: Evidence from Listed Firms in China. "China Economic Journal, 7(3), 299-319, 2014/11
- Byeongwoo Kang, Kazuyuki Motohashi, "The role of essential patents as knowledge input for future R&D", Patent analysis, standards and R & D, World Patent Information Vol.38, 2014/9
- Yeong-Wha Sawng, Jungmann Lee, Kazuyuki Motohashi, "Digital convergence service from the viewpoint of provider and user factors using technology acceptance and diffusion model", Cluster Computing Feb 2014, Springer US, 2014/2/13
- Kazuyuki Motohashi, "India as a Destination of the R&D of Multinational Companies: Importance and Management Strategies of Local R&D Centers", Seoul Journal of Economics Volume 27 Number 1 Spring 2014, 2014/2
- Kazuyuki Motohashi, "Multinational's Global Open Innovation Activities in Emerging Markets: A Case of Japanese Firms' Collaborations with National Research Institutes in Thailand", ADVANCES IN GLOBAL BUSINESS RESEARCH, 10(2), pp. 224-232, 2014/1

- Kazuyuki Motohashi, "The role of the science park in innovation performance of start-up firms: an empirical analysis of Tsinghua Science Park in Beijing", Asia Pacific Business Review, Volume 19, Issue 4 2013, pp.578-599, 2013/10
- Kazunobu Hayakawa, Toshiyuki Matsuura, Kazuyuki Motohashc, Ayako Obashi,
 "Two-dimensional analysis of the impact of outward FDI on performance at home: Evidence from Japanese manufacturing firms", Japan and the World Economy, Vol. 27, pp. 25-33, 2013/08
- Yeong-Wha Sawng, Kazuyuki Motohashi, Gang-Hoon Kim, "Comparative analysis of innovative diffusion in the high-tech markets of Japan and South Korea: a use-diffusion model approach", Service Business, Volume 7, Issue 1, pp.143-166, 2013/03
- Kazuyuki Motohashi, "Management of Offshore R&D in China: Cross Country Differences in Motivation and Performance", Institutions and Economies, Vol. 4, No. 2, pp. 101-120, 2012/07
- Kazuyuki Motohashi, "A Comparative Analysis of Biotechnology Startups between Japan and the US", Social Science Japan Journal,15(2): 219-237, 2012/07
- Kazuyuki Motohashi, "Managing Competency Creating R&D Subsidiaries: Evidence from Japanese Multinationals", TCER WORKING PAPER SERIES, Working Paper E-48, 2012/06
- ・ 池田大造・元橋一之「移動体通信イノベーションにおけるエコシステムの分析」研究技術計画、第 25 巻、第 3/4 号、pp.327-341(2010), 2012/06
- Kazuyuki Motohashi and Shingo Muramatsu, "Examining the university industry collaboration policy in Japan: Patent analysis", Technology in Society, Volume 34, Issue 2, pp.149-162, 2012/05
- Kazuyuki Motohashi, Deog-Ro Lee, Yeong-Wha Sawng and Seung-Ho Kim,
 "Innovative converged service and its adoption, use and diffusion: a holistic approach to diffusion of innovations, combining adoption-diffusion and use-diffusion paradigms", Journal of Business Economics and Management, Volume 13, No. 2, pp.308-333, 2012/04

- Masayo Kani and Kazuyuki Motohashi, "Understanding the technology market for patents: New insights from a licensing survey of Japanese firms", Research Policy, Volume 41, Issue 1, pp.226-235, 2012/02
- ・ 太田啓文・元橋一之、「事例研究 企業の経営資源とそれに対応する研究開発戦略— キヤノンと日立ソフトの DNA チップ事業を事例として—」経営行動科学、第 24 巻、 第 3 号、pp.197-209、2011/12
- Hirofumi Ota and Kazuyuki Motohashi, "Accumulation and Circulation of the Knowledge Needed for BiotechBusiness Promotion by Engineers of R&D Section in an IT Enterprise: The Case of Hitachi Software Engineering Co., Ltd", The Asian Journal of Technology Management Volume 4, No. 1, pp.1-15, 2011/12
- HONG Wei, Kazuyuki Motohashi, ZENG Guoping, "Whether Neighboring with Universities Can Enhance Innovation Competency: A Study Based on SMEs at the Tsinghua Science Park", Science of Science and Management of S. and T., 2011/06
- Kazuyuki Motohashi, "R & D Activities of Manufacturing Multinationals in China: Structure, Motivations and Regional Differences", China & World Economy, Volume 18, Issue 6, 2010/11, pp.56-72
- Kazuyuki Motohashi and Yuan Yuan, "Does Bank Loan Ratio Affect Investment of China's Listed Companies?", Economics Bulletin, Volume30, Issue 2, 2010/05, pp.1173-1181
- Kazuyuki Motohashi and Yuan Yuan, "Productivity impact of technology spillover from multinationals to local firms: Comparing China's automobile and electronics industries", Research Policy, Volume 39, Issue 6, 2010/4, pp.790-798
- 太田啓文・元橋一之、「社会ネットワーク分析による研究開発体制に関する分析:
 DNA チップ事業におけるキャノンと日立ソフトの比較」、『技術と社会』 2010 年 2 月号、pp.48-56
- Kazunori MINETAKI and Kazuyuki MOTOHASHI, "Subcontracting Structure and Productivity in the Japanese Software Industry", The Review of Socionetwork Strategies (2009) 3, 2009/12, pp.51-65
- · Kazuyuki Motohashi, "Catching up or lagging behind? Assessment of

- technological capacity of China by patent database", China Economic Journal 2(1), February 2009, pp. 1 24
- Chih-Hai Yang, Kazuyuki Motohashi and Jong-Rong Chen, "Are new technology-based firms located on science parks really more innovative? Evidence from Taiwan", Research Policy 38(1), 2009/2, pp. 77-85
- Kazuyuki Motohashi and Takahito Kanamori, "Information Technology and Economic Growth: A Comparison between Japan and Korea", Seoul Journal of Economics, 21(4), Winter 2008
- Kazuyuki Motohashi, "Assessment of technological capability in science industry linkage in China by patent database", World Patent Information 30(3), September 2008, Pages 225-232
- Kazuyuki Motohashi, "IT, enterprise reform, and productivity in Chinese manufacturing firms", Journal of Asian Economics 19(4), August 2008, pp.325-333
- Kazuyuki Motohashi, "Growing R&D Collaboration of Japanese Firms and Policy Implications for Reforming the National Innovation System", Asia Pacific Business Review 14(3), July 2008, pp.339 - 361
- Kazuyuki Motohashi, "Licensing or not licensing? An empirical analysis of the strategic use of patents by Japanese firms", Research Policy 37(9), July 2008, pp. 1548-1555
- Kazuyuki Motohashi, "Comparing IT Service Management between Japanese and US Firms by Econometric Approach", Journal of Harbin Institute of Technology (New Series) 15(1), 2008/4, pp.252-255
- ・ 船越誠・元橋一之、「市場競争と企業の生産性に関する定量的分析」、『経済分析第 180 号(ジャーナル版)』、2008 年 3 月、pp.22-37
- Takahito Kanamori and Kazuyuki Motohashi, "The Effects of Supply Chain Management Systems on Productivity through a Reduction in Inventory Levels", Journal of the Japan Society for Management Information 16(3), December 2007, pp.35-44

- Akira Goto and Kazuyuki Motohashi, "Construction of a Japanese Patent Database and a first look at Japanese patenting activities", Research Policy 36(9), 2007/11, pp.1431-1442
- Kazuyuki Motohashi and Xiao Yun, "China's innovation system reform and growing industry and science linkages", Research Policy 36 (8), 2007/10, pp.1251-1260
- ・ 元橋一之、「パネルデータを用いたイノベーション分析」、『研究・技術・計画』21(2)、 2007/6、pp.134-141
- ・ 元橋一之、「バイオベンチャーの活動に関する日米比較分析」、『医療と社会』2007 年5月号17(1)、pp. 55-70、(財)医療科学研究所
- Kazuyuki Motohashi, "Firm-level analysis of information network use and productivity in Japan", Journal of The Japanese and International Economies 21(1), 2007/3, pp. 121-137
- Kazuyuki Motohashi, "The changing autarky pharmaceutical R&D process: causes and consequences of growing R&D collaboration in Japanese firms", International Journal of Technology Management 39(1/2), 2007, pp.33-48
- ・ 元橋一之、「ベンチャー企業の知的財産戦略とイノベーション」、2006 年 12 月『日本知財学会誌』第3巻第1号
- Kazuyuki Motohashi, "China's National Innovation System Reform and Growing Science Industry Linkage", Asian Journal of Technology Innovation 14, 2 (2006), pp.49-65
- · 元橋一之、「日本企業的 R&D 合作及其対国家創新系統改革的政策啓示」、『科学学研究』第24巻第4期、2006/8
- Dale W. Jorgenson and Kazuyuki Motohashi, "Information technology and the Japanese economy?", Journal of the Japanese and International Economies 19(4), December 2005, Pages 460-481
- Kazuyuki Motohashi, "University-industry collaborations in Japan: The role of new Technology-based firms in transforming the National Innovation System", Research Policy 34(5), June 2005,pp.583-594

- B. K. Atrostic, P. Boegh-Nielsen, Kazuyuki Motohashi and S. Nguyen, "Technologie de l'information, productivite et croissance des entreprise:resultats bases sur de nouvelles microdonnees internationales", L'Actualite Economique 81(1-2), pp. 255-280, March 2005
- ・ 元橋一之、「産学連携の実態と研究開発型中小企業の重要性-日本のイノベーションシステムに対するインプリケーション」、『開発技術』、第10号、2004年6月25日
- ・ 元橋一之、知的財産権制度とイノベーション、『研究 技術 計画』17(1/2), 2002, pp. 5-15
- Kazuyuki Motohashi, "Conceptual Mapping of Service Innovation: The Role of IT and Implications on New Indicators", Journal of Science Policy and Research Management 16(3/4), 2001, pp.203-213
- Kazuyuki Motohashi, "Structural Aspects of the Asian Financial Crisis", Asia Pacific Review5(3), 1998, pp. 27 – 49
- Kazuyuki Motohashi, "Innovation Strategy and Business Performance of Japanese Manufacturing Firms", Economics of Innovation and New Technology 7, 1998, pp. 27 – 52
- Kazuyuki Motohashi, "How Japan-US Economic Interdependency Changed from 1985 to 1990?: Some Findings from Price Adjusted MITI's Inter-country IO Tables", Economic Systems Research 10(1), 1998, pp. 45 – 62
- Kazuyuki Motohashi, "ICT Diffusion and its Economic Impact on OECD countries", OECD Science Technology and Industry Review, no. 20, pp.13-45, 1997, OECD, Paris, France

(査読付学会論文)

- Kenta Ikeuchi and Kazuyuki Motohashi, Performance Evaluation of University Startups in Japan, 5th AIEA meeting on innovation and entrepreneurship, Asia Business School, Kuala Lumpur, Malaysia, 2018/08
- Kenta Ikeuchi and Kazuyuki Motohashi, Employment growth of university startup in Japan, International Schumpeter Society Meeting, Seoul National

University, Korea, 2018/07

- Kazuyuki Motohashi, New indicator of science, technology and industry linkage,
 Darden-Cambridge Judge-HKU FBE Entrepreneurship and Innovation
 Research Conference, Hong Kong University, 2018/05
- Kazuyuki Motohashi, Measuring Science Intensity of Industry using Linked Dataset of Science, Technology and Industry, 2017 Atlanta Conference on Science and Innovation Policy, Atlanta, 2017/09
- Masayo Kani and Kazuyuki Motohashi, Understanding External Technology Sourcing in New Product Development Projects: Bilateral vs. unilateral contracts, Academy of Management Annual Conference, Atlanta, 2017/08
- Naoto Fujikawa and Kazuyuki Motohashi, Absorptive Capacity and External Technology Sourcing: Empirical investigation of vertical and horizontal relationships in the research and development process, Academy of Management Annual Conference, Atlanta, 2017/08
- Kazuyuki Motohashi, Measuring Science Intensity of Industry using Linked Dataset of Science, Technology and Industry, OECD Blue Sky Forum on Science and Innovation Indicators, Ghent, Netherlands, 2016/09
- Kazuyuki Motohashi, R&D and Patent Data for Empirical Analysis for Evidence Based Science, Technology and Innovation Policy, PICMET, Kanazawa, Japan, 2014/07
- Kazuyuki Motohashi, Reconsideration of relational view in automotive industry:
 An empirical investigation of supplier network in China, Globelics Conference,
 Zhejiang University, Hangzhou China, 2012/11
- Kazuyuki Motohashi, Entrepreneurship in Japan: Empirical Investigation by Japanese Census Data, AIEA Meeting, KAIST, Korea, 2012/08
- Kazuyuki Motohashi, University Industry Collaboration in Japan, 2011 Atlanta Conference on Science and Innovation Policy, Atlanta, 2011/09
- Kazuyuki Motohashi, Management of Offshore R&D in China: Cross Country Differences in Motivation and Performance, Academy of Management Annual

- Kazuyuki Motohashi, "The role of science park in innovation performance of start-up firms: An empirical analysis of Tsinghua Science Park in Beijing", in Proceedings of 2011 Fourth International Conference on Information Management, Innovation Management and Industrial Engineering, November 26-27, 2011, Shenzhen, China, Volume 3, pp.254-257
- Masayo Kani and Kazuyuki Motohashi, "Does Pro-patent Policy Spur Innovation?: A Case of Software Industry in Japan", in Proceedings of the First IEEE International Technology Management Conference, June 27-30, 2011 San Jose, California USA, pp. 739-744
- Kazuyuki Motohashi, "Comparative Analysis of IT Management and Productivity between Japanese and U.S. Firms", in Conference Volume of the Seventh Asia Academy of Management Conference, Macau SAR, December 12-14, 2010
- Kazuyuki Motohashi, "A Comparative Analysis of Japanese, U.S., and Korean Firms on IT and Management", in Proceedings of 2009 International Conference on Technology Innovation and Industrial Management, June 18-19, Bangkok, Thailand
- Xiaoyang FENG and Kazuyuki Motohashi, "IT Management of Chinese Firms: Quantitative Analysis by Using Survey Data", in Proceeding of The 4th IEEE International Conference on Management of Technology, 2008/9, pp. 480-485
- Kazuyuki Motohashi, "Globalization of Japanese Firms and its Impact on Domestic Economy", 2006 APPC Conference at Seoul, August 17-18, 2006
- Takahito Kanamori and Kazuyuki Motohashi, "Measurement of E-commerce:
 Japanese Experience and its Comparison with Korea and China", in Proceeding
 of the 2nd International Conference on Information Statistics of the Internet
 Measurement, Analysis and Applications, August 25-26, 2005, Seoul
- Kazuyuki Motohashi, "Assessing Japan's Industrial Competitiveness by International Productivity Level Comparison with China, Korea, Taiwan and United States, International Conference on Productivity and Efficiency", Academia Sinica Economic Institute, June 20, 2005, Taipei

- Chuan Men and Kazuyuki Motohashi, "The Role of Technology Market in Economic Development in China", presented at STEPI-ASIALICS International Conference, April 18-19, 2005, Jeju Seoul
- Kazuyuki Motohashi, "Measuring E-Commerce in Japan: Statistical Issues and Challenges, in Conference Proceeding of the 1st International Conference on Information Statistics of the Internet: Measurement, Analysis and Applications", August 19-20, 2004, Macao and Hong Kong, pp. 179-191
- B.K. Atrostic, P Bough-Nielsen and Kazuyuki Motohashi, "IT, Productivity and Growth in Enterprise: Evidence from new international micro data", presented at IAOS (International Association of Official Statistics) New Economy Conference in London, August 2002
- Kazuyuki Motohashi, "Use of Information Networks, Organizational Changes and Productivity: Firm Level Evidence in Japan", a paper presented for the NBER Summer Institute: Productivity Workshop, July 1996, Cambridge, USA
- M. Doms, J. Jensen, F. Kramarz, Kazuyuki Motohashi and V. Nocke, "A Micro Economic Comparison of the Manufacturing Sectors in France, Japan and the United States", a paper presented for the NBER Summer Institute: Productivity Workshop, July 1995, Cambridge, USA

(招待講演)

- Kazuyuki Motohashi, "AI driven Innovation in Industry 4.0 era and IPR strategy implications, Asialics Conference, Zhejiang University, Hangzhou, China, 2018/08
- Kazuyuki Motohashi, "Policy Evaluation of National University System Reforms in Japan by Using New Indicators of Science and Innovation Linkag, International Conference on STI Policy: Navigating the Innovations through Evaluation, Taipei, Taiwan, 2018/07
- Kazuyuki Motohashi, "Patent Statistics as an Innovation Indicator", WIPO Chief Economist Seminar, WIPO, Geneva, 2018/05
- Kazuyuki Motohashi, "Technology Foresight and Open Innovation", R&D Management Conference, Tsinghua University, Beijing, 2018/04

- Kazuyuki Motohashi, "Japan's Competitiveness in Science Economy", Center for Enterprise Growth and Economic Security Research (CEGESR) Workshop, Tsinghua University, Beijing, 2017/03
- Kazuyuki Motohashi, Technology Management Strategy in Era of Science Economy, keynote speech at the 3rd Korea MOT Summer School, Yonsei University, Korea, 2016/08
- Kazuyuki Motohashi, Determinants of demand for technology in relationships with complementary assets among Japanese firms, China Japan Korea Economic Experts Forum, Beijing University, China, 2016/05
- Kazuyuki Motohashi, Innovation and Entrepreneurship: A First Look at the Linkage Data of Japanese Patent and Enterprise Census, 2015 SJE International Symposium: Firms and Innovation in Asia, Seoul National University, Korea, 2015/10
- Kazuyuki Motohashi, Innovation in Japan, China Japan Korea Economic Experts Forum, Korea University, Korea, 2015/05
- Kazuyuki Motohashi, Entrepreneurship and Human Capital: Empirical study using a survey of entrepreneurs in Japan, Stanford Japanese Entrepreneurship Project Conference, Stanford University, 2015/04
- Kazuyuki Motohashi, New tend of manufacturing in network era: opportunities and challenges for Japanese firms, International Symposium The Future of Industries, EHESS and EU-Japan Center, Brussels, 2014/11
- Kazuyuki Motohashi, Differences in Science Based Innovation by Technology Life Cycles: The case of solar cell technology, The 4th Asia-Pacific Innovation Conference, Taiwan National University, Taipei, 2013/12
- Kazuyuki Motohashi, International Division of Innovative Labor: A Case of Automotive Industry and Growing Importance of India, SJE Conference: Innovation in China and India, Seoul National University, Korea, 2013/09
- Kazuyuki Motohashi, Innovation and Entrepreneurship in Japan, Stanford Japanese Entrepreneurship Project Conference, Stanford University, 2013/06

- Kazuyuki Motohashi, Productivity Comparison of China, Korea and Japan, 2011
 International Productivity Conference, Seoul National University, 2011/11
- Kazuyuki Motohashi, "Understanding the Technology Market for Patents: New Insights from a Licensing Survey of Japanese Firms", WIPO SEMINAR SERIES ON "THE ECONOMICS OF INTELLECTUAL PROPERTY", March 26, 2012, Geneva, Switzerland, 2012/03
- Kazuyuki Motohashi, "Technology Policies in Japan:1990 to the Present", 21st Century Innovation Systems for Japan and the United States: Lessons from a Decade of Change: Report of a Symposium", National Academy Press, 2009/04, pp.29-39
- Kazuyuki Motohashi, "Fast Growing Strategy of SMEs by Using R&D Networks", a paper presented at the OECD Kansas City Workshop on High Growth SMEs, Innovation and Intellectual Assets: Strategic Issues and Policies, May 8 2008, Kansas City, USA
- Kazuyuki Motohashi, Globalization of Japanese Economy and its Impact on SMEs, presented at 2005 EWC/KDI Conference on Restructuring SMEs in the Age of Globalization at East West Center, Honolulu Hawaii, 21-22 July 2005
- Kazuyuki Motohashi, "Quantifying IT Economy: Survey of IT Statistics in Japan",
 Presented for OECD/ICCP/WPIIS Meeting, April 2004, OECD, Paris
- Kazuyuki Motohashi, "Does Active Use of Technology Market Spur R&D?: Empirical Analysis of IP Strategy of Japanese Firms", presented for OECD-WIPO conference on patent statistics, October 2004, WIPO, Geneva
- Kazuyuki Motohashi, "Japan's Patent System and Business Innovation: Reassessing Pro-Patent Policies", in Patents, Innovation and Economic Performance, OECD Conference Proceedings: 2004, OECD Paris

(ディスカッションペーパーなど)

- Kazuyuki Motohashi ", Progress of Digital Platforms and their Impact on Japan's Industrial Competitiveness, RIETI Policy Discussion Paper 21-P-001
- ・ 元橋一之、デジタルプラットフォームの進展と産業競争力への影響, RIETI Policy

Discussion Paper 20-P-029

- yeongwoo Kang, Kazuyuki Motohashi ",Local Industry Influence on Commercialization of University Research by University Startups, RIETI Discussion Paper 20-E-086
- Kazuyuki Motohashi, Development of patent database in Thailand for assessing local firms' technological capabilities, World Patent Information, (63), December 2020, 101998
- Seokbeom Kwon, Kazuyuki Motohashi ",Incentive or Disincentive for Disclosure of Research Data? A Large-Scale Empirical Analysis and Implications for Open Science Policy, RIETI Discussion Paper 20-E-058
- Kazuyuki Motohashi, Chen Zhu ",Technological Competitiveness of China's Internet Platforms: Comparison of Google and Baidu Using Patent Text Information, RIETI Discussion Paper 20-E-045
- Kazuyuki Motohashi, Christian Rammer "Digitalization and New Product Development in Manufacturing SMEs: A Comparative Study of Germany and Japan;, RIETI Policy Discussion Paper 20-P-007
- Kazuyuki Motohashi " Science and Technology Co-evolution in AI: Empirical Understanding through a Linked Dataset of Scientific Articles and Patents;, RIETI Discussion Paper 20-E010
- ・ 元橋 一之 小柴 等 池内 健太 "特許文書情報を用いた発明内容の抽出と 出願人 タイプ別特性比較 ", NISTEP Discussion Paper No. 175, 文部科学省科学技術・ 学術政策研究所
- Dong Huo, Jiangwei Dang, Kazuyuki Motohashi " Empirical Analysis of License Policy for Declared Standard-essential Patents in Setting Technology Standards;, RIETI Discussion Paper 19-E023
- Kazuyuki Motohashi " Digitalization of manufacturing process and open innovation: Survey results of small and medium sized firms in Japan", RIETI Policy Discussion Paper 19-P005
- · YoungGak Kim, Kazuyuki Motohashi " Use and sharing of big data, firm

networks and their performance", RIETI Discussion Paper 19-E016

- 池内健太、元橋一之、"特許データと意匠データのリンケージ: 創作者レベルで見る 企業における工業デザイン活動に関する分析"、RIETI Discussion Paper、19-J-017、 RIETI、2019/03
- 塚田尚稔、元橋一之、"Microsoft Academic Graph の書誌情報データとしての評価"、NISTEP Discussion Paper、No.162、NISTEP、2018/10
- Kazuyuki Motohashi, "Understanding AI Driven Innovation by Linked Database of Scientific Articles and Patents", RIETI Policy Discussion Paper, 18-P-017, RIETI, 2018/11
- Byeongwoo Kang, Kazuyuki Motohashi, "Funding Sources and the Academic Contribution to Technological Knowledge Development: Evidence from Japan", NISTEP Discussion Paper, No.161, NISTEP, 2018/10
- 元橋一之、"AI におけるサイエンスとイノベーションの共起化:米国における論文・ 特許データベースを用いた分析"、NISTEP Discussion Paper、No.160、NISTEP、 2018/07
- Kazuyuki Motohashi, "The Regional Innovation System in China: Regional comparison of technology, venture financing, and human capital focusing on Shenzhen", RIETI Policy Discussion Paper, 18-P-012, RIETI, 2018/07
- 松本久仁子、元橋一之、"技術占有度と集積の外部性に関する実証研究"、RIETI Discussion Paper、18-J-022、RIETI、2018/07
- 元橋一之, "中国の地域イノベーションシステム:深センを中心とした技術、資金、 人材の現状", RIETI Policy Discussion Paper, 18-P-011, RIETI, 2018/05
- Deyun Yin, Kazuyuki Motohashi, "Inventor Name Disambiguation with Gradient Boosting Decision Tree and Inventor Mobility in China (1985-2016)", RIETI Discussion Paper, 18-E-018, RIETI, 2018/03
- Kenta Ikeuchi, Kazuyuki Motohashi, Ryuichi Tamura, Naotoshi Tsukada
 "Measuring Science Intensity of Industry using Linked Dataset of Science,
 Technology and Industry ", RIETI Discussion Paper, 17-E-056, RIETI, 2017/03
- · Kenta Ikeuchi, Kazuyuki Motohashi, "Creative Destruction in the Era of Open

- Innovation: Empirical investigation into the relationship between patenting and survival of Japanese firms ", RIETI Discussion Paper, 17-E-055, RIETI, 2017/03
- Naoto Fujikawa, Kazuyuki Motohashi, "Absorptive Capacity and External Technology Sourcing: Empirical investigation of vertical and horizontal relationships in the research and development process", RIETI Discussion Paper, 16-E-102, RIETI, 2016/12
- Masayo Kani, Kazuyuki Motohashi, "Understanding External Technology Sourcing in New Product Development Projects: Bilateral vs. unilateral contracts", RIETI Discussion Paper, 16-E-104, RIETI, 2016/12
- 元橋一之、"日本の製造業におけるビッグデータ活用とイノベーションに関する実態"、RIETI Policy Discussion Paper Series 16-P-012、独立行政法人経済産業研究所、2016/10
- ・ 元橋一之、池内健太、党建偉,"意匠権および商標権に関するデータベースの構築", 文部科学省 科学技術・学術政策研究所, 2016/04
- Haiyu Mao, Jianwei Dang, Kazuyuki Motohashi, "Physically Proximate or Culturally Cohesive? Geography, Ethnic Ties, and Innovation in China", IAM Discussion Paper Series #39, UTokyo Policy Alternatives Research Institute, 2015/08
- HUO Dong, Kazuyuki Motohashi, "Understanding Two Types of Technological Diversity and their Effects on the Technological Value of Outcomes from Bilateral Inter-firm R&D Alliances", Discussion paper 2015, RIETI, 2015/05
- KWON Seokbeom, Kazuyuki Motohashi, "How Institutional Arrangements in the National Innovation System Affect Industrial Competitiveness: A study of Japan and the United States with multiagent simulation", Discussion paper 2015, RIETI, 2015/05
- Seokbeom Kwon, Kazuyuki Motohashi, "Effect of Non-Practicing Entities on Innovation Society and Policy: An agent based model and simulation", IAM Discussion Paper Series #033, 2014/5
- ・ 元橋 一之、「生産性 工業経済から「サイエンス経済」への移行を」、週刊エコノミスト3月25日号、pp.96-97、2014/03/25

- ・ 元橋 一之、「ビッグデータ時代のオープンイノベーション戦略」、中国経済連合会 情報通信委員会総会、2014/03/17
- ・ 元橋 一之、「日本の産業競争力再生に向けて: サイエンス経済に向けたオープンイ ノベーションの推進」、RIETI コラム、2014/3/11
- ・ 元橋一之,「ビッグデータ研究会 オープンイノベーションへのいざない」, ビックデータと技術経営懇談会, JATES, 2014/2/21
- Dong Huo, Kazuyuki Motohashi, "Dilemma in Individual Collaboration for Invention: Should We be Similar or Diverse in Knowledge?", IAM Discussion Paper Series #031, 2014/02
- Dong Huo, Kazuyuki Motohashi, "When Category-based Indices Encounter Nonindependent Categories: Solving the Taxonomy Issue in Resource-based Empirical Studies", IAM Discussion Paper Series #030, 2014/02
- Jianwei Dang, Kazuyuki Motohashi, "Get Pennies from Many or a Dollar from One? Multiple contracting in markets for technology", RIETI Discussion Paper Series 14-E-006, 2014/01
- Takanori Tomozawa, Kazuyuki Motohashi, "Differences in Science Based Innovation by Technology Life Cycles: The case of solar cell technology", RIETI Discussion Paper Series 14-E-005, 2014/01
- ・ 元橋一之,"製造業復活への課題 「現地化」で日本企業は後れ",日本経済新聞「経済教室」,2013/12/30
- ・ 元橋一之、「日本のイノベーションシステムの特徴とオープンイノベーションの潮流」、電気評論、第 595 号、pp.39-44, 2013/12/10
- ・ 元橋一之「明確な目的を持って『とにかくやってみる』ことが重要だ」、 IT PRO by 日経コンピュータ、日経 BP 社、2013/12
- Kazuyuki Motohashi and Jianwei Dang, "Patent statistics: A good indicator for innovaton in China? Patent subsidy program impacts on patent quality", IAM Discussion Paper Series #29, 2013/11
- 元橋一之、「アナリティクスが創出する新しいビジネス価値」、週刊東洋経済、第6468
 号、pp.79-81, 2013/6/29

- ・ 元橋 一之、「エビデンスベースのイノベーション政策のための実証経済分析」、研究 技術 計画、第 27 巻、3/4 号、pp.171-182、2013/04
- Masayo Kani, Kazuyuki Motohashi, "Determinants of Demand for Technology in Relationships with Complementary Assets in Japanese Firms", RIETI Discussion Paper Series 13-E-033, 2013/04
- ・ 元橋一之、「半導体イノベーションと経済成長: 成長要因会計による現状分析と将来 推計」、経済統計研究、第40巻、IV号、pp.50-62, 2013/03
- 2013/03 馬場 遼太・元橋 一之、「起業活動と人的資本: RIETI 起業家アンケート調査を用いた実証研究」、RIETI Discussion Paper Series 13-J-016, 2013/03
- Kazuyuki Motohashi, "Management R&D in Emerging Economies: Balancing Opennness to Locals and Technology Protection", International Proceedings of Economics Development and Rsearch: Education and Management Innovaiton II, Volume 60, pp.68-72, 2013/02
- ・ 元橋一之、「ハイテク技術の競争力強化 鍵を握るオープンイノベーション戦略」、東京大学新聞「論説空間」、2012/10/16
- ・ 元橋一之、「グローバルイノベーションによる日本経済の再生戦略」、公明通巻 82 号 『特集 成長の壁を破る』pp.32-37、公明党機関紙委員会、 2012/10
- 元橋 一之・上田 洋二・三野 元靖、「日本企業のオープンイノベーションに関する 新潮流:大手メーカーに対するインタビュー調査の結果と考察」、RIETI Policy Discussion Paper Series 12-P-015、2012/08
- ・ 元橋一之、「ビッグデータ活用の条件 IT と経営の融合が鍵に」、日本経済新聞「経済教室」、2012/07/13
- Jianwei Dang and Kazuyuki Motohashi, "Patent value and liquidity: evidence from patent-collateralized loans in China", Discussion Paper Series No.026, 2012/07
- Byeongwoo Kang and Kazuyuki Motohashi, "Determinants of Essential Intellectual Property Rights for Wireless Communications Standards: Manufacturing firms vs. non-manufacturing patentees", PRIETI Discussion Paper Series 12-E-042, 2012/06

- Kazuyuki Motohashi, "Open Innovation and Firm's Survival: An empirical investigation by using a linked dataset of patent and enterprise census", RIETI Discussion Paper Series 12-E-036, 2012/05
- 元橋一之、「知財制度とイノベーション:日中韓の比較と相互協力のあり方」、日本 知財学会誌 Volume 8, No.3, pp.52-59, 2012/03
- ・ 元橋一之、「日本企業がイノベーションでグローバル競争に勝つために」、公明通巻 74 号 『特集 日本再建に向けた新しい発想・構想』pp.26-32、公明党機関紙委員会、 2012/02
- · Kazuyuki Motohashi, "Innovation Policy Challenges for Japan: An open and global strategy", Center for Asian Studies, Institut francais des relations internationals, Asie Visions 45, 2011/11 (招待論文)
- ・ 元橋一之、「日本企業の国際競争力:グローバルエコシステムの構築に向けて」、電 子版 EPS 2011 年春号『特集 国際競争力』, 2011/04
- · Sadao Nagaoka, Kazuyuki Motohashi, and Akira Goto, "Patent Statistics as an
- Kazuyuki Motohashi, "Innovation and Entrepreneurship: A first look at linkage data of Japanese patent and enterprise census", RIETI Discussion Paper Series 11-E-007, 2011/02
- Kazuyuki Motohashi and Shingo Muramatsu, "Examining the University Industry Collaboration Policy in Japan: Patent analysis", RIETI Discussion Paper Series 11-E-008, 2011/02
- Grid Thoma, Kazuyuki Motohashi, and Jun Suzuki, "Consolidating firm portfolios of patents across different offices. A comparison of sectoral distribution of patenting activities in Europe and Japan", IAM Discussion Paper Series #019, 2010/11
- 元橋一之、「IT と生産性に関する実証分析:マクロ・ミクロ両面からの日米比較」、 RIETI Policy Discussion Paper Series、10-P-008、2010年11月、pp.1-30
- Innovation Indicator", Handbook of the Economics of Innovation Volume 2, Academic Press, 2010/05, pp.1083-1128
- · Kazuyuki Motohashi, "Globalization of Japanese Economy and Its Impact on

- SMEs", Restructuring Small and Medium-Size Enterprises in the Age of Globalization, KDI Press, 2010/04, pp.15-34
- ・ 元橋一之、『岐路に立つ特許制度一知的財産研究所 20 周年記念論文集一』、(財団法人知的財産研究所、島並良編)、第1章-1.2 「特許制度の現状と展望:経済学の観点から」、pp.29-65、財団法人知的財産研究所、2009年8月
- ・ 元橋一之、「IT は経営戦略実現の重要な資産。競争分野でも大きな可能性」、『オムニマネジメント』 2010 年 5 月号、pp.2-5、(社) 日本経営協会
- 元橋一之、「東アジアエレクトロニクスデータベースの構築と日本企業の国際競争力の分析」、RIETI Discussion Paper Series 10-J-028、2010年4月
- Satoshi Kinugasa, Kazuyuki Motohashi, Sawng Yeong-Wha and Shinichiro Terada, "Empirical Study of IPTV Diffusion: Comparison between Japan and Korea", RIETI Discussion Paper Series 10-E-021,2010/4
- Shinya Kinukawa and Kazuyuki Motohashi, "Bargaining in Technology Markets: An empirical study of biotechnology alliances", RIETI Discussion Paper Series 10-E-020, 2010/4
- 元橋一之、「IT と生産性に関する日米比較:マクロ・ミクロ両面からの計量分析」、 日本銀行ワーキングペーパーシリーズ No.10-J-2、2010年1月
- Ayako Obashi, Kazuo Hayakawa, Toshiyuki Matsuura and Kazuyuki Motohashi, "A Two-dimensional Analysis of the Impact of Outward FDI on Performance at Home: Evidence from Japanese manufacturing firms", RIETI Discussion Paper Series 09-E-053, 2009/10
- ・ 金玲・元橋一之「中国サイエンスパークにおけるイノベーションシステム: 清華大学科技園に関する事例研究」、IAM Discussion Paper Series #010、2009 年 10 月
- Masayo Kani and Kazuyuki Motohashi, "Understanding the Technology Market for Patents: New Insights from a Licensing Survey of Japanese Firms", IAM Discussion Paper Series #008, 2009/9
- Kazuyuki Motohashi, "Software Patent and its Impact on Software Innovation in Japan", RIETI Discussion Paper Series 09-E -038, 2009/8
- ・ 元橋一之、「日本企業の研究開発資産の蓄積とパフォーマンスに関する実証分析」

『マクロ経済と産業構造』(深尾京司編)、第2章-1、pp.251-288、内閣府経済社会研究所、2009年9月

- Toshiyuki Matsuura, Kazuyuki Motohashi and Kazunobu Hayakawa, "How Does FDI Affect Performance at Home? – An Activity-level Analysis for Japanese Electrical Machinery and Electronics Firms", KEIO/KYOTO GLOBAL COE Discussion Paper Series DP2009-002, 2009/6
- 元橋一之、「IT イノベーションと経済成長:マクロレベル生産性におけるムーアの 法則の重要性」、RIETI Discussion Paper Series 09-J-016
- 元橋一之、「日本の医療サービスの生産性: 病院の全要素生産性と DEA 分析」、ESRI Discussion Paper Series No.210、2009 年 3 月、2009 年 5 月
- Kazuyuki Motohashi and YuanYuan, "IT, R&D and Productivity of Chinese Manufacturing Firms", RIETI Discussion Paper Series 09-E-007, 2009/2
- Kazuyuki Motohashi and YuanYuan, "Technology Spillovers from Multinationals to Local Firms: Evidence from Automobile and Electronics Firms in China", RIETI Discussion Paper Series 09-E-005, 2009/2
- Kazuyuki Motohashi, "The Globalization of Japanese Firms and its Impact on the Domestic Economy", Micro-Evidence for the Dynamics of Industrial Evolution; the Case of the Manufacturing Industry in Japan and Korea, Nova Science Pub Inc, 2009/01, pp.103-122
- Kazuyuki Motohashi, "Regaining Japan's Competitiveness Through Strategic R&D", JAPAN Regaining its Glory (edited by DIPANKAR DEY), 2008/11, pp.163-172
- ・ 峰滝和典・元橋一之、「ソフトウェア産業の重層的下請構造:イノベーションと生産 性に関する実証分析」、RIETI Discussion Paper Series 09-J -002、2008 年 12 月
- ・ 元橋一之、「イノベーションデータベースの開発と研究者に対する提供、『経済統計研究』、第36巻第1号・第2号合併号経済産業統計協会、2008/10
- B.K.Atrostic, Kazuyuki Motohashi and Sang V.Nguyen, "Computer Network Use and Firms' Productivity Performance: The United States VS. Japan", US Census Bureau Center for Economic Studies Discussion Paper 08-30, 2008/9

- Toshiyuki Matsuura, Kazuyuki Motohashi, Kazunobu Hayakawa, "How Does FDI in East Asia Affect Performance at Home?: Evidence from Electrical Machinery Manufacturing Firms", RIETI Discussion Paper Series 08-E-034, 2008/9
- Yuan Yuan and Kazuyuki Motohashi, "Impact of the Debt Ratio on Firm Investment: A case study of listed companies in China", RIETI Discussion Paper Series 08-E-011, 2008/4
- Kazuyuki Motohashi, "Comparative Analysis of IT Management and Productivity between Japanese and U.S. Firms", RIETI Discussion Paper Series 08-E-007, 2008/03
- Xiaoyang FENG and Kazuyuki Motohashi, "IT Management of Chinese Firms: Quantitative Analysis by Using Survey Data", RIETI Discussion Paper Series 08-E-008, 2008/03
- ・ 元橋一之、「日本企業の海外展開と事業多角化の関係に関するミクロデータ分析」、 『経済統計研究』、2007年度35巻3号、経済産業統計協会、2007年12月
- Kazuyuki Motohashi, "A Comparative Analysis of Japanese, U.S., and Korean Firms on IT and Management", RIETI Discussion Paper Series 07-E-047, 2007/07
- ・ 元橋一之、「企業における知的財産戦略とイノベーション活動・知的財産活動調査を 用いた指標の検討・」『特許の経営・経済分析』(財団法人知的財産研究所編) 第9章、 pp.241-259、雄松堂出版、2007年7月
- 元橋一之、「日米韓企業のIT経営に関する比較分析」、RIETI Discussion Paper Series 07-J-029、2007/07
- ・ 松浦寿幸・元橋一之・藤澤三宝子、「機械製造業のグローバル化と生産性に対する影響」、RIETI Discussion Paper Series 07-J-015, 2007/04
- ・ 峰滝和典・元橋一之、「日本のソフトウェア産業の業界構造と生産性に関する実証分析」、RIETI Discussion Paper Series 07-J-018、2007/04
- Takahito Kanamori and Kazuyuki Motohashi, "Information Technology and Economic Growth: Comparison between Japan and Korea", RIETI Discussion

Paper Series 07-E-009, 2007/03

- ・ 元橋一之、「日本経済の競争力は低下しているのか?」、Research & Review、『経済 産業ジャーナル』、2007年2月号
- ・ 元橋一之、「中小企業における特許制度の活用と今後の課題」、『国民生活金融金庫 調査月報』2007年1月号
- ・ 元橋一之、「日本経済のグローバル化の進展と中小企業に与える影響」、『中小企業総合研究』第5号2006年11月
- ・ 元橋一之・船越誠、「競争、イノベーション、生産性に関する定量的分析-市場構造 のダイナミクスとパフォーマンスに関する研究」、競争政策研究センター共同研究 報告書、2006 年 8 月
- Takahito Kanamori and Kazuyuki Motohashi, "Centralization or Decentralization of Decision Rights? Impact on IT Performance of Firms", RIETI Discussion Paper Series 06-E-032, 2006/07
- 松浦寿幸・元橋一之、「中・大規模店の参入・退出と中心市街地の活性化に関する計量分析」、RIETI Discussion Paper Series 06-J-051、2006 年 7 月
- Kazuyuki Motohashi, "The IT Revolution's Implications for the Japanese Economy, in Japan: Moving Toward a More Advanced Knowledge Economy", T. Shibata ed., World Bank Institute, Washington DC, 2006/06
- Kazuyuki Motohashi, "Licensing or Not Licensing? : Empirical Analysis on Strategic Use of Patent in Japanese Firms", RIETI Discussion Paper Series 06-E-021, 2006/04
- ・ 元橋一之、「中小企業の産学連携と研究開発ネットワーク」『日本のイノベーションシステム』(後藤晃・児玉俊洋編)第5章 pp.137-167、東京大学出版会、2006年3月
- Kazuyuki Motohashi, "R&D of Multinationals in China: Structure, Motivations and Regional Difference", RIETI Discussion Papers, 06-E-005, 2006/02
- 後藤晃・元橋一之、「特許データベースの開発とイノベーション研究」、『知財フォーラム』63、2005年12月、PP.43-49、(財)知的財産研究所

- ・ 元橋一之、「日本経済の競争力は低下しているのか?」生産性分析による検証、東京 大学先端科学技術研究センター2005 年 12 月
- ・ 元橋一之、「知的財産制度の変化とその国際的な動向」、『MOT テキストシリーズ 知的財産と技術経営』(永田晃也・隅蔵康一編集) 第14章、2005年10月
- Kazuyuki Motohashi, "IT, Enterprise Reform and Productivity in Chinese Manufacturing Firms, RIETI Discussion Paper Seriies, 05-E-025, 2005/09
- ・ 元橋一之・船越誠・藤平章、「競争、イノベーション、生産性に関する定量的分析」、 競争政策研究センター共同研究 CR02-05、2005 年 6 月
- ・ 元橋一之、「中国のイノベーションシステムに関する定量的分析」、NEDO 委託研究 調査報告書、2005 年 6 月
- Kazuyuki Motohashi and Xiao Yun, "China's Innovation System Reform and Growing Industry and Science Linkages", RIETI Discussion Paper Series 05-E-011,2005/03
- ・ 元橋一之、「中小企業の産学提携と研究開発ネットワーク:変革期にある日本のイノベーションシステムにおける位置づけ」、『調査季報』2005年2月号、国民生活金融公庫調査部
- 元橋一之、「中小企業の産学提携と研究開発ネットワーク:変革期にある日本のイノベーションシステムにおける位置づけ」、RIETI Discussion Paper 2005-J-002、2005/01
- Toshiyuki Matsuura and Kazuyuki Motohashi, "Market Dynamics and Productivity in Japanese Retail Industry in the late 1990's", RIETI Discussion Paper 2005-E-01, 2005/01
- Kazuyuki Motohashi and Yue Ximing, "IT, Enterprise Reform and Productivity in Chinese Manufacturing Firms", presented for the Conference on IT Innovation, December 13-14, 2004
- ・ 元橋一之、「失われた 10年」に日本の産業競争力は低下したのか?、『一橋ビジネスレビュー』52 巻 3 号、pp.7~23、2004年 12 月, 東洋経済新報社
- 元橋一之、「中国のイノベーションシステム改革と産業競争力の展望」、『海外投融資 JOI』、2004年11月号、pp.24~26

- Kazuyuki Motohashi, "Japan's Long-term Recession in 1990's: Fall of Industrial Competitiveness", Hitotsubashi University, Institute of Innovation Research Working Paper #04-08, 2004/4
- Dale.W.Jorgenson and Kazuyuki Motohashi, "Potential Growth of the Japanese and U.S. Economies in the Information Age", ESRI Discussion Paper, March, 2004
- ・ 人見和美・元橋一之(2004)、「製造業の海外展開戦略に関する調査-製造業 49 社ヒヤリング調査結果-」、電力中央研究所調査報告: Y03019、平成 16 年 3 月、財団法人電力中央研究所
- ・ 元橋一之、「特許制度と研究開発型中小企業のイノベーション」、『特許統計データの 経済学的分析に関する調査研究報告書』平成16年3月、財団法人知的財産研究所
- ・ 元橋一之、「企業活動基本調査を用いた機械産業のサービス化の統計的把握について」、『機械産業のサービス化:ハード・ソフト・サービスの統合(2)』平成16年3月、財団法人機会振興協会経済研究所
- Kazuyuki Motohashi, "OECD/TIP Project on Biopharmaceutical National Innovation Systems", National Report Japan, March 2004, OECD, Paris
- ・ 元橋一之、「特許制度とハイテクベンチャーのイノベーション」、特許統計研究会・ 報告書、2004年
- ・ 元橋一之、「これからの 10 年間 2%半ばの成長は可能」(デール・ジョルゲンソンと 共著)、週間東洋経済、2004 年 1 月 17 日号
- Kazuyuki Motohashi, "Economic Analysis of University-Industry Collaborations: the Role of New Technology Based Firms in Japanese National Innovation Reform", RIETI Discussion Paper Series 04-E-001, 2004/01
- B.K.Atrostic, P.Bough-Nielsen and S.Nguyen and Kazuyuki Motohashi, "IT, Productivity and Growth in Enterprise: New Results from International Micro Data", in The Economic Impact of ICT: Measurement, Evidence and Implications, 2004, OECD Paris
- ・ 元橋一之、「産学連携の実態と効果に関する計量分析:日本のイノベーションシステム改革に対するインプリケーション」、RIETI ディスカッションペーパー03-J-015,

2003/11

- Kazuyuki Motohashi, "The Japanese Model: Shifts in Comparative Advantage
 Due to the IT Revolution and Modularization", Journal of International Trade
 and Industry, November/December 2003, Japan Economic Foundation, Tokyo,
 Japan
- Kazuyuki Motohashi, "Firm Level Analysis of Information Network use and Productivity in Japan", RIETI Discussion Paper Series 03-E-021, 2003/09
- ・ 元橋一之、「本格的な産学連携の時代に向けて-産学連携の実態に関する調査結果-」、 『InterLab』 2003 年 9 月号
- Kazuyuki Motohashi, "Japan's Patent System and Business Innovation: Reassessing Pro-patent Policies", RIETI Discussion paper Series 03-E-020, 2003/9
- Dale.W.Jorgenson and Kazuyuki Motohashi, "Economic Growth of Japan and the United States in the Information Age", RIETI Discussion Paper Series 03-E-015, 2003/05
- ・ 元橋一之、「日本の機械産業のサービス化:国際競争力の視点からの検証」、『機械産業のサービス化:ハード・ソフト・サービスの統合』平成15年3月、財団法人機会振興協会経済研究所
- Kazuyuki Motohashi, "Spotlight on Japan's Competitiveness", Journal of International Trade and Industry, Japan Economic Foundation, Tokyo, Japan, Part 1: Overall Evaluation of Japan's International Competitiveness (September/October 2002), Part 2: The Emergence of Asian Nations and the Competitiveness of Japanese Manufacturing Industry (November/December 2002), Part 3: Rebuilding Japan's Innovation System to Meet the Challenges of the IT Revolution (January/February 2003)
- ・ 元橋一之、「バイオテクノロジーの進展と医薬品の研究開発プロセスの変化:イノベーションシステムの視点からの検証」、一橋大学イノベーション研究センターワーキングペーパー#03-07、2003/5
- ・ 元橋一之、「日本の特許制度と企業のイノベーション活動:プロパテント政策の再評 価」、一橋大学イノベーション研究センター ワーキングペーパー#03-06、2003/4

- Kazuyuki Motohashi, "Recent Development in Research and Innovation Policy in Japan"、一橋大学イノベーション研究センターワーキングペーパー#03-03、2003/3
- ・ Kazuyuki Motohashi, "Falls of Japanese Competitiveness in 1990's: Assessment of Structural Factors behind Economic Growth Slowdown since 1980's"、一橋大 学イノベーション研究センターワーキングペーパー#03-01、2003/1
- ・ 元橋一之、「ニューエコノミーの定量的把握: IT 統計の現状と課題」、経済統計研究、 2003 年度 31 巻Ⅲ号、経済統計協会
- 元橋一之、「日本経済の情報化と生産性に関する米国との比較分析」,RIETI Discussion Paper Series 02-J-018, 2002 年 11 月
- Kazuyuki Motohashi, "Measuring E-commerce: Lesson from the ICT Workplace Survey in Japan", presented at OECD expert meeting on "Definition and Measuring Electronic Commerce", Stockholm, April 2002
- Kazuyuki Motohashi, "Use of Plant Level Micro-data for SME Innovation Policy Evaluation in Japan", OECD Science, Technology and Industry Working Papers, 2002/12
- ・ 元橋一之、「新世代システムの現状とオンライン統計調査のあり方」、経済統計研究、 2002 度 30 巻 2 号、経済産業統計協会
- Kazuyuki Motohashi, "Development of Longitudinal Micro-Datasets and Policy Analysis for Japanese Industrial Sectors", RIETI Discussion Paper 01-E-7, 2001
- Kazuyuki Motohashi, "Use of Plant Level Micro-data for SME Innovation Policy Evaluation in Japan", RIETI Discussion Paper 01-E-6, 2001, 2001/11
- Kazuyuki Motohashi, "Economic Analysis of Information Network Use: Organizational and Productivity Impacts on Japanese Firms", mimeo, January 2001
- ・ 元橋一之、「日本のイノベーションシステムの現状と課題について」、日本のイノベーションシステムに関する研究会報告書、経済産業研究所、2000年7月
- Kazuyuki Motohashi, "National Industrial Technology Development Strategies and Japan's Innovation System", Journal of International Trade and Industry, May/June 2000 19, pp. 33-38, Japan Economic Foundation, Tokyo, Japan

- Kazuyuki Motohashi and Ronald Jarmin, "The Role of Technology in Manufacturing Employment and Productivity Growth: A Cross Country Micro Data Analysis of Japan and the United States", in Micro and Macrodata of Firms: Statistical Analysis and International Comparison, S.Biffignandi ed. 1999/1, Physica-Verlag, New York
- Kazuyuki Motohashi, "Changing Nature of Japanese Firm?: Technology Adoption,
 Organizational Structure and Human Resource Strategy", in Micro-and
 Macrodate of Firms: Statistical Analysis and International Comparison,
 S.Biffignandi ed. 1999, Physica-Verlag, New York, 1999/1
- Kazuyuki Motohashi, "Institutional Arrangement for Access to Confidential Micro-level Data in OECD countries", OECD STI Working Paper, 1998-3
- Kazuyuki Motohashi, "Technology, Productivity and Employment: Insights from Firm Level Micro-datasets in France, Japan and the United States", July 1998, OECD, Paris
- Kazuyuki Motohashi, "Measuring Services Innovations and Information Technology, a paper presented for the workshop on new S&T statistics", June 1998, OECD, Paris, France
- Kazuyuki Motohashi and R.Nezu, "Why Do Countries Perform Differently?", The OECD Observer, No. 206, June/July 1997, pp.19-22, OECD, Paris
- Kazuyuki Motohashi, "Japanese Experience of Longitudinal Dataset Analysis and International Perspectives", in The Evolution of Firms and Industries, S. Laaksonen ed., pp.50-64, 1997, Statistics Finland, Helsinki, Finland
- Masahiro Kuroda, Kazuyuki Motohashi and Kazushige Shimpo, "Issues on the International Comparison of Productivity; Theory and Measurement", in Industry Productivity: International Comparison and Measurement Issues, pp. 49-95, 1996, OECD, Paris, France
- Kazuyuki Motohashi, "R&D, Spillover and Productivity: Survey of Economic Studies for Japanese Manufacturers", a paper presented for the OECD Expert Workshop on Technology, Productivity and Employment: Macroeconomics and Sectoral Evidence, June 1996, Paris France

- ・ 元橋一之、「情報化社会の経済分析:マクロ、ミクロ両面から見た検討」,経済統計研究、1996 年度 24 巻 2 号、通産統計協会
- Kazuyuki Motohashi, "Firm Level Survey of Information Network in Japan", a
 paper presented for OECD Economic Workshop of Information Infrastructure No.
 2, December 1995, Istanbul, Turkey
- ・ 元橋一之、「センサス統計の個票データを活用した技術・生産性・雇用の分析」,経 済統計研究、1995 年度 23 巻 2 号、通産統計協会
- ・ 元橋一之、「我が国製造業の成長要因ー成長会計分析の理論と実際ー」,経済統計研究、1994年度22巻1号、通産統計協会
- Kazuyuki Motohashi, "The World Input-Output Table: Compilation Aspects, Analysis and Future Prospects", a paper presented for the 34th European Congress of the Regional Science Association, August 1994, Groningen, Netherlands
- Kazuyuki Motohashi, "Japanese Industrial Policy of Computer Industry: Policy Instruments & Institutional State-Business Relationship", unpublished paper presented for the World Bank, May 1993

【社会的貢献】

(学会等)

- 日本 MOT 学会理事(会長; 2011 年度~2013 年度)
- · 研究技術計画学会理事・編集委員(2006年度~、副会長:2017年度~)
- Research Policy: Editor (2014年~)
- Research Policy: Advisory Editorial Board (2010年~2014年)
- Asia Innovation and Entrepreneurship Association (AIEA), Founding Member (2014年~)
- Chairman of OECD Working Party on Industry Analysis (2006年~2011年)
- Executive Committee member, Conference on Comparative Analysis of Enterprise (Micro) Data (2001年~)

(公的審議会・委員会等における活動)

- · 内閣府経済財政諮問会議専門 WG 委員(2008 年度~2009 年度)
- 経済産業省産学連携経済評価委員会委員長(2008年度)
- · JAXA 宇宙開発経済評価委員会委員長(2007 年度~2008 年度)
- ・ 中小企業 IT イノベーション大賞審査委員 (2007 年度~2015 年度)
- ・ 経済産業研究所ファカルティフェロー (2002年度~)
- · 内閣府経済社会総合研究所客員主任研究員(2007年度~2009年度)
- 文部科学省科学技術政策研究所客員主任研究員(2007年度~)
- ・ IPA 情報セキュリティ分析ラボラトリー参与 (2008 年度~2012 年度)

【受賞】

平成 21 年度 TEPIA 知的財産事業学術奨励賞会長大賞(2009 年 9 月)

平成 27 年度研究イノベーション学会学会賞 (2015 年 10 月)