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联盟组合:源起、研究前沿和理论框架

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联盟组合(alliance portfolio)的研究对于理解、解释同时参与多个联盟的企业如何管理组织间合作关系及内部治理有重要的价值,并引发战略管理领域的持续关注。基于科学计量学,研究对233篇发表的联盟组合英文文献进行梳理,并系统论述联盟组合的概念源起,辨析联盟组合相关概念的内涵、属性和研究焦点,构建由联盟组合核心议题与相关理论基础协调整合的联盟组合研究“元宝”框架。研究发现联盟组合的研究前沿主要围绕三个主题展开:为什么要联盟组合、如何进行联盟组合、如何开展联盟组合治理,包含九个核心议题,并交叉对应社会网络理论、组织学习理论、资源观逻辑和关于环境应配的理论四个基础理论。

联盟组合;研究前沿;“元宝”框架;科学计量

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Wassmer 2008 Lee 2017
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≡Alliance

Portfolio” “ =1900—2016 ” “ =Management Business Engineering Industrial and

Economics" 233

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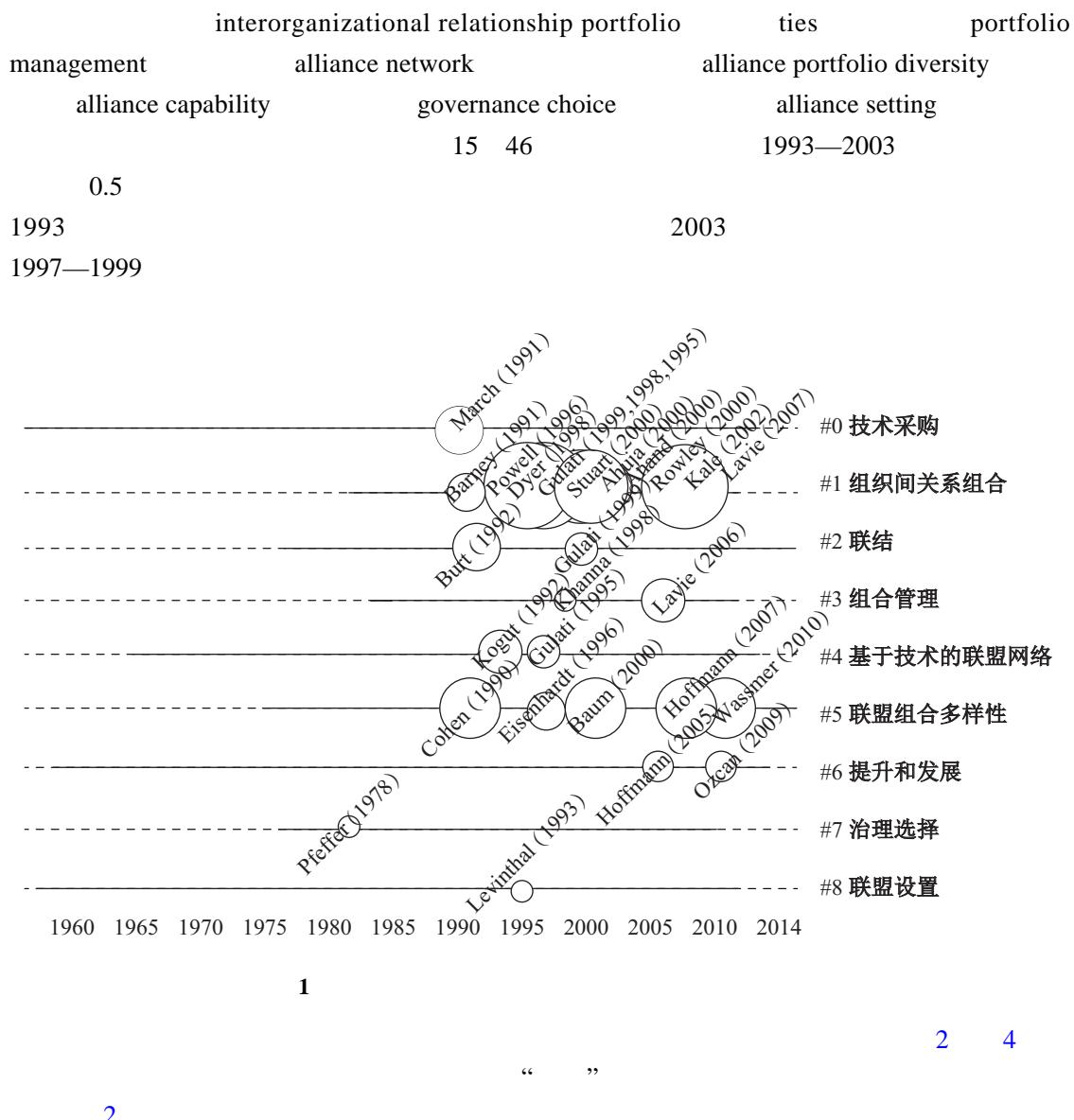
1990—2016

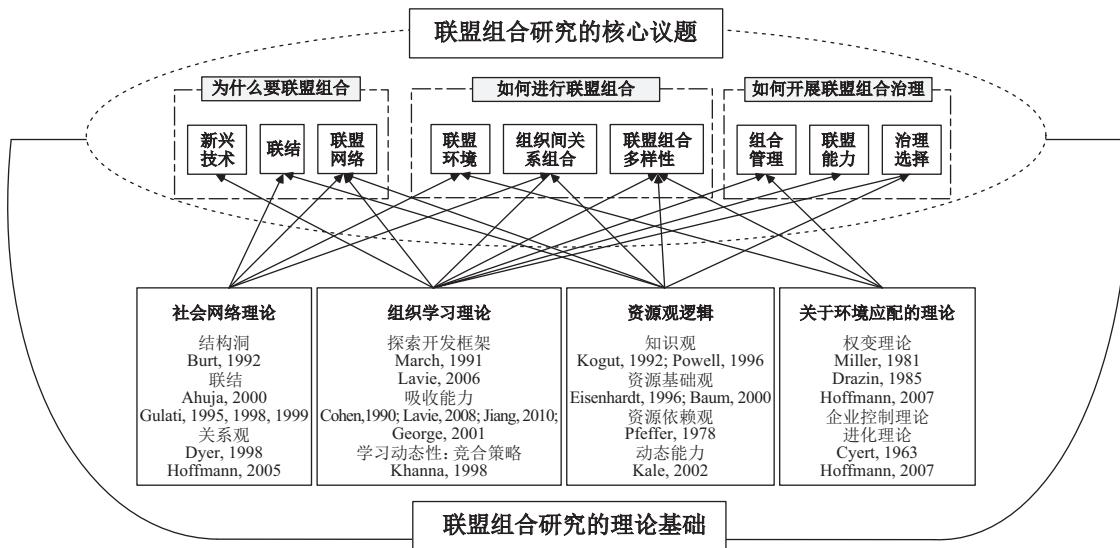
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Haider Mariotti 2016 Heimeriks 2010

Reuer Ragozzino 2006

joint collaboration

Gulati 1995 Gulati Gargiulo 1999 Wassmer 2008

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Reuer Ragozzino

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Kogut 1988

Pfeffer Nowak 1976

syndication

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[1] W. • , •F. , . : [M]. : , 2011.

[2] Ahuja G. Collaboration networks, structural holes, and innovation: A longitudinal study[J]. *Administrative Science Quarterly*, 2000a, 45 3 : 425–455.

[3] Ahuja G. The duality of collaboration: Inducements and opportunities in the formation of interfirm linkages[J]. *Strategic Management Journal*, 2000b, 21 3 : 317–343.

[4] Al-Laham A, Amburgey T L, Baden-Fuller C. Who is my partner and how do we dance? Technological collaboration and patenting speed in US biotechnology[J]. *British Journal of Management*, 2010, 21 3 : 789–807.

[5] Anderson S W, Christ M H, Dekker H C, et al. Do extant management control frameworks fit the alliance setting? A descriptive analysis[J]. *Industrial Marketing Management*, 2015, 46: 36–53.

[6] Andrevski G, Brass D J, Ferrier W J. Alliance portfolio configurations and competitive action frequency[J]. *Journal of Management*, 2016, 42 4 : 811–837.

- [7]Badaracco J L Jr. *The knowledge link: How firms compete through strategic alliances*[M]. Boston, MA: Harvard Business School Press, 1991.
- [8]Bakker R M, Knoben J. Built to last or meant to end: Intertemporal choice in strategic alliance portfolios[J]. *Organization Science*, 2015, 26 1 : 256–276.
- [9]Barney J B. Firm resources and sustained competitive advantage[J]. *Journal of Management*, 1991, 17 1 : 99–120.
- [10]Baum J A C, Calabrese T, Silverman B S. Don't go it alone: Alliance network composition and startups' performance in Canadian biotechnology[J]. *Strategic Management Journal*, 2000, 21 3 : 267–294.
- [11]Beckman C M, Schoonhoven C B, Rottner R M, et al. Relational pluralism in de novo organizations: Boards of directors as bridges or barriers to diverse alliance portfolios?[J]. *Academy of Management Journal*, 2014, 57 2 : 460–483.
- [12]Burt R S. *Structural holes: The social structure of competition*[M]. Cambridge, Mass.: Harvard University Press, 1992.
- [13]Capaldo A. Network structure and innovation: The leveraging of a dual network as a distinctive relational capability[J]. *Strategic Management Journal*, 2007, 28 6 : 585–608.
- [14]Castro I, Roldán J L. Alliance portfolio management: Dimensions and performance[J]. *European Management Review*, 2015, 12 2 : 63–81.
- [15]Castro I, Roldán J L, Acedo F J. The dimensions of alliance portfolio configuration: A mediation model[J]. *Journal of Management & Organization*, 2015, 21 2 : 176–202.
- [16]Chen C M. CiteSpace : Detecting and visualizing emerging trends and transient patterns in scientific literature[J]. *Journal of the American Society for Information Science and Technology*, 2006, 57 3 : 359–377.
- [17]Cohen W M, Levinthal D A. Absorptive capacity: A new perspective on learning and innovation[J]. *Administrative Science Quarterly*, 1990, 35 1 : 128–152.
- [18]Cyert R M, March J G. *A behavioral theory of the firm*[M]. Englewood Cliffs, NJ: Prentice-Hall, 1963.
- [19]Day M, Magnan G M, Moeller M M. Evaluating the bases of supplier segmentation: A review and taxonomy[J]. *Industrial Marketing Management*, 2010, 39 4 : 625–639.
- [20]de Leeuw T, Lokshin B, Duysters G. Returns to alliance portfolio diversity: The relative effects of partner diversity on firm's innovative performance and productivity[J]. *Journal of Business Research*, 2014, 67 9 : 1839–1849.
- [21]Doz Y L, Hamel G. *Alliance advantage: The art of creating value through partnering*[M]. Boston: Harvard Business Press, 1998.
- [22]Drazin R, Van de Ven A H. Alternative forms of fit in contingency theory[J]. *Administrative Science Quarterly*, 1985, 30 4 : 514–539.
- [23]Duysters G, Heimeriks K H, Lokshin B, et al. Do firms learn to manage alliance portfolio diversity? The diversity-performance relationship and the moderating effects of experience and capability[J]. *European Management Review*, 2012, 9 3 : 139–152.
- [24]Dyer J H, Singh H. The relational view: Cooperative strategy and sources of interorganizational competitive advantage[J]. *Academy of Management Review*, 1998, 23 4 : 660–679.
- [25]Eisenhardt K M, Schoonhoven C B. Resource-based view of strategic alliance formation: Strategic and social effects in entrepreneurial firms[J]. *Organization Science*, 1996, 7 2 : 136–150.
- [26]Faems D, De Visser M, Andries P, et al. Technology alliance portfolios and financial performance: Value-enhancing and cost-increasing effects of open innovation[J]. *Journal of Product Innovation Management*, 2010, 27 6 : 785–796.
- [27]George G, Zahra S A, Wheatley K K, et al. The effects of alliance portfolio characteristics and absorptive capacity on performance: A study of biotechnology firms[J]. *The Journal of High Technology Management Research*, 2001, 12 2 : 205–226.
- [28]Golonka M. Proactive cooperation with strangers: Enhancing complexity of the ICT firms' alliance portfolio and their innovativeness[J]. *European Management Journal*, 2015, 33 3 : 168–178.
- [29]Granovetter M S. The strength of weak ties[J]. *American Journal of Sociology*, 1973, 78 6 : 1360–1380.
- [30]Grant R M, Baden-Fuller C. A knowledge accessing theory of strategic alliances[J]. *Journal of Management Studies*, 2004, 41 1 : 61–84.

- [31]Gulati R. Does familiarity breed trust? The implication of repeated ties for contractual choice in alliances[J]. *Academy of Management Journal*, 1995a, 38 1 : 85–112.
- [32]Gulati R. Social structure and alliance formation patterns: A longitudinal analysis[J]. *Administrative Science Quarterly*, 1995b, 40 4 : 619–652.
- [33]Gulati R. Network location and learning: The influence of network resources and firm capabilities on alliance formation[J]. *Strategic Management Journal*, 1999, 20 5 : 397–420.
- [34]Gulati R, Gargiulo M. Where do interorganizational networks come from?[J]. *American Journal of Sociology*, 1999, 104 5 : 1439–1493.
- [35]Gulati R, Singh H. The architecture of cooperation: Managing coordination costs and appropriation concerns in strategic alliances[J]. *Administrative Science Quarterly*, 1998, 43 4 : 781–814.
- [36]Haider S, Mariotti F. The orchestration of alliance portfolios: The role of alliance portfolio capability[J]. *Scandinavian Journal of Management*, 2016, 32 3 : 127–141.
- [37]Heimeriks K H. Confident or competent? How to avoid superstitious learning in alliance portfolios[J]. *Long Range Planning*, 2010, 43 1 : 57–84.
- [38]Hoang H, Rothaermel F T. How to manage alliances strategically[J]. *MIT Sloan Management Review*, 2016, 58 1 : 69–76.
- [39]Hoehn-Weiss M N, Karim S. Unpacking functional alliance portfolios: How signals of viability affect young firms' outcomes[J]. *Strategic Management Journal*, 2014, 35 9 : 1364–1385.
- [40]Hoffmann W H. How to manage a portfolio of alliances[J]. *Long Range Planning*, 2005, 38 2 : 121–143.
- [41]Hoffmann W H. Strategies for managing a portfolio of alliances[J]. *Strategic Management Journal*, 2007, 28 8 : 827–856.
- [42]Hopp C, Rieder F. What drives venture capital syndication?[J]. *Applied Economics*, 2011, 43 23 : 3089–3102.
- [43]Jensen M C, Heckling W H. Specific and general knowledge, and organizational structure[J]. *Journal of Applied Corporate Finance*, 1995, 8 2 : 4–18.
- [44]Jiang L, Tan J, Thursby M. Incumbent firm invention in emerging fields: Evidence from the semiconductor industry[J]. *Strategic Management Journal*, 2011, 32 1 : 55–75.
- [45]Jiang R J, Tao Q T, Santoro M D. Alliance portfolio diversity and firm performance[J]. *Strategic Management Journal*, 2010, 31 10 : 1136–1144.
- [46]Kale P, Dyer J H, Singh H. Alliance capability, stock market response, and long-term alliance success: The role of the alliance function[J]. *Strategic Management Journal*, 2002, 23 8 : 747–767.
- [47]Khanna T, Gulati R, Nohria N. The dynamics of learning alliances: Competition, cooperation, and relative scope[J]. *Strategic Management Journal*, 1998, 19 3 : 193–210.
- [48]Kogut B. Joint ventures: Theoretical and empirical perspectives[J]. *Strategic Management Journal*, 1988, 9 4 : 319–332.
- [49]Kogut B. The network as knowledge: Generative rules and the emergence of structure[J]. *Strategic Management Journal*, 2000, 21 3 : 405–425.
- [50]Kogut B, Zander U. Knowledge of the firm, combinative capabilities, and the replication of technology[J]. *Organization Science*, 1992, 3 3 : 383–397.
- [51]Lavie D. Alliance portfolios and firm performance: A study of value creation and appropriation in the U.S. software industry[J]. *Strategic Management Journal*, 2007, 28 12 : 1187–1212.
- [52]Lavie D. The competitive advantage of interconnected firms: An extension of the resource-based view[J]. *Academy of Management Review*, 2006, 31 3 : 638–658.
- [53]Lavie D, Miller S R. Alliance portfolio internationalization and firm performance[J]. *Organization Science*, 2008, 19 4 : 623–646.
- [54]Lee D, Kirkpatrick-Husk K, Madhavan R. Diversity in alliance portfolios and performance outcomes: A meta-analysis[J]. *Journal of Management*, 2014, 43 5 : 1472–1497.
- [55]Lorenzoni G, Lipparini A. The leveraging of interfirm relationships as a distinctive organizational capability: A longitudinal study[J]. *Strategic Management Journal*, 1999, 20 4 : 317–338.
- [56]March J G. Exploration and exploitation in organizational learning[J]. *Organization Science*, 1991, 2 1 : 71–87.

- [57]Merchant K A, Van der Stede W A. Management control systems: Performance measurement, evaluation and incentives[M]. 2nd ed. Edinburgh, Gate: Pearson Education, 2007.
- [58]Neyens I, Faems D, Sels L. The impact of continuous and discontinuous alliance strategies on startup innovation performance[J]. International Journal of Technology Management, 2010, 52 3–4 : 392–410.
- [59]Ozcan P, Eisenhardt K M. Origin of alliance portfolios: Entrepreneurs, network strategies, and firm performance[J]. Academy of Management Journal, 2009, 52 2 : 246–279.
- [60]Parise S, Casher A. Alliance portfolios: Designing and managing your network of business-partner relationships[J]. The Academy of Management Executive, 2003, 17 4 : 25–39.
- [61]Park B J, Srivastava M K, Gnyawali D R. Impact of coopetition in the alliance portfolio and coopetition experience on firm innovation[J]. Technology Analysis & Strategic Management, 2014, 26 8 : 893–907.
- [62]Pfeffer J, Nowak P. Joint ventures and interorganizational interdependence[J]. Administrative Science Quarterly, 1976, 21 3 : 398–418.
- [63]Rai A, Tang X L. Leveraging IT capabilities and competitive process capabilities for the management of interorganizational relationship portfolios[J]. Information Systems Research, 2010, 21 3 : 516–542.
- [64]Reuer J J, Ragozino R. Agency hazards and alliance portfolios[J]. Strategic Management Journal, 2006, 27 1 : 27–43.
- [65]Rothaermel F T. Incumbent's advantage through exploiting complementary assets via interfirm cooperation[J]. Strategic Management Journal, 2001, 22 6–7 : 687–699.
- [66]Rowley T, Behrens D, Krackhardt D. Redundant governance structures: An analysis of structural and relational embeddedness in the steel and semiconductor industries[J]. Strategic Management Journal, 2000, 21 3 : 369–386.
- [67]Schilke O, Goerzen A. Alliance management capability: An investigation of the construct and its measurement[J]. Journal of Management, 2010, 36 5 : 1192–1219.
- [68]Simons R L. Levers of control: How managers use innovative control systems to drive strategic renewal[M]. Boston, Mass.: Harvard Business Press, 1994.
- [69]Stuart T E. Interorganizational alliances and the performance of firms: A study of growth and innovation rates in a high-technology industry[J]. Strategic Management Journal, 2000, 21 8 : 791–811.
- [70]Tao Q T, Jiang R J, Santoro M D. Expand or retrench? Alliance portfolio adaptation to environmental jolts[J]. International Journal of Business Environment, 2015, 7 1 : 79–97.
- [71]Tiwana A. Do bridging ties complement strong ties? An empirical examination of alliance ambidexterity[J]. Strategic Management Journal, 2008, 29 3 : 251–272.
- [72]Tokman M, Richey R G, Marino L D, et al. Exploration, exploitation and satisfaction in supply chain portfolio strategy[J]. Journal of Business Logistics, 2007, 28 1 : 25–56.
- [73]van de Vrande V, Vanhaverbeke W, Duysters G. Technology in-sourcing and the creation of pioneering technologies[J]. Journal of Product Innovation Management, 2011, 28 6 : 974–987.
- [74]Vapola T J, Paukku M, Gabrielsson M. Portfolio management of strategic alliances: An international business perspective[J]. International Business Review, 2010, 19 3 : 247–260.
- [75]Wassmer U. Alliance portfolios: A review and research agenda[J]. Journal of Management, 2008, 36 1 : 141–171.
- [76]Wuyts S, Dutta S. Benefiting from alliance portfolio diversity: The role of past internal knowledge creation strategy[J]. Journal of Management, 2014, 40 6 : 1653–1674.

Alliance Portfolio: Origin, Research Front and Theoretical Framework

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