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# Bibliography

- Agarwal, S., and R. Hauswald, 2007, “Distance and Information Asymmetries in Lending,” Working paper.
- Aghion, P., and P. Bolton, 1987, “Contracts as a Barrier to Entry,” *American Economic Review*, 77(3), 388–401.
- Aghion, P., and P. Howitt, 1992, “A Model of Growth through Creative Destruction,” *Econometrica*, 60(2), 323–351.
- Akerlof, G. A., 1970, “The Market for “Lemons:” Quality Uncertainty and the Market Mechanism,” *Quarterly Journal of Economics*, 84(3), 488–500.
- Allen, F., 1990, “The Market for Information and the Origin of Financial Intermediation,” *Journal of Financial Intermediation*, 1(1), 3–30.
- Allen, F., and E. Carletti, 2005, “Credit Risk Transfer and Contagion,” *Journal of Monetary Economics*, 53(1), 89–111.
- Allen, F., E. Carletti, and R. Marquez, 2007, “Credit Market Competition and Capital Regulation,” mimeo, University of Pennsylvania.
- Allen, F., and D. Gale, 1997, “Financial Markets, Intermediaries, and Intertemporal Smoothing,” *Journal of Political Economy*, 105(3), 523–546.
- André, P., R. Mathieu, and P. Zhang, 2001, “A Note on: Capital Adequacy and the Information Content of Term Loans and Lines of Credit,” *Journal of Banking & Finance*, 25, 431–444.
- Barclay, M. J., and C. W. Smith Jr., 1995, “The Maturity Structure of Corporate Debt,” *Journal of Finance*, 50(2), 609–631.
- Bartelsman, E. J., and M. Doms, 2000, “Understanding Productivity: Lessons from Longitudinal Microdata,” *Journal of Economic Literature*, 38(3), 569–594.
- Barth, J. R., G. Caprio Jr., and R. Levine, 2004, “Bank Regulation and Supervision: What Works Best?,” *Journal of Financial Intermediation*, 13(2), 205–248.

- Barth, J. R., S. Trimbath, and G. Yago, 2004, *The Savings and Loan Crisis: Lessons from a Regulatory Failure*. Milken Institute, Santa Monica, California.
- Beck, T., A. Demirgüç-Kunt, and R. Levine, 2003, “Bank Concentration and Crises,” NBER Working Paper 9921.
- , 2005, “Bank Concentration and Fragility: Impact and Mechanics,” NBER Working Paper 11500.
- Berger, A. N., S. D. Bonime, L. G. Goldberg, and L. J. White, 2004, “The Dynamics of Market Entry: The Effects of Mergers and Acquisitions on Entry in the Banking Industry,” *Journal of Business*, 77(4), 797–834.
- Berger, A. N., and C. Bouwman, 2007, “Bank Liquidity Creation,” EFA 2007 Ljubljana Meetings.
- Berger, A. N., R. S. Demsetz, and P. E. Strahan, 1999, “The Consolidation of the Financial Services Industry: Causes, Consequences and Implications for the Future,” *Journal of Banking & Finance*, 23, 135–194.
- Berger, A. N., M. A. Espinosa-Vega, W. S. Frame, and N. H. Miller, 2005, “Debt Maturity, Risk, and Asymmetric Information,” *Journal of Finance*, 60(6), 2895–2923.
- Berger, A. N., and T. Hannan, 1998, “The Efficiency Cost of Market Power in the Banking Industry: A Test of the “Quiet Life” and Related Hypotheses,” *The Review of Economics and Statistics*, 80(3), 454–465.
- Berger, A. N., and L. J. Mester, 1996, “Inside the Black Box: What Explains Differences in the Efficiencies of Financial Institutions?,” *Journal of Banking & Finance*, 21, 895–947.
- Berger, A. N., N. H. Miller, M. A. Petersen, R. G. Rajan, and J. C. Stein, 2005, “Does Function Follow Organizational Form? Evidence from the Lending Practices of Large and Small Banks,” *Journal of Financial Economics*, 76(2), 237–269.
- Berger, A. N., and E. Ofek, 1995, “Diversification’s Effect on Firm Value,” *Journal of Financial Economics*, 37(1), 39–65.
- Berger, A. N., R. J. Rosen, and G. F. Udell, 2007, “Does Market Size Structure Affect Competition? The Case of Small Business Lending,” *Journal of Banking & Finance*, 31(1), 11–33.
- Berger, A. N., and G. F. Udell, 2006, “A More Complete Conceptual Framework for Financing of Small and Medium Enterprises,” *Journal of Banking & Finance*, 30(11), 2945–2966.
- Berglof, E., and E.-L. Von Thadden, 1994, “Short-Term versus Long-Term Interests: Capital Structure with Multiple Investors,” *The Quarterly Journal of Economics*, 109(4), 1055–1084.

- Berlin, M., and L. J. Mester, 1992, "Debt Covenants and Renegotiation," *Journal of Financial Intermediation*, 2(2), 95–133.
- , 1999, "Deposits and Relationship Lending," *Review of Financial Studies*, 12(3), 579–607.
- Bernanke, B. S., 1983, "Nonmonetary Effects of the Financial Crisis in Propagation of the Great Depression," *American Economic Review*, 73(3), 257–276.
- Besanko, D., and G. Kanatas, 1996, "The Regulation of Bank Capital: Do Capital Standards Promote Bank Safety?," *Journal of Financial Intermediation*, 5(2), 160–183.
- Besanko, D., and A. V. Thakor, 1993, "Relationship Banking, Deposit Insurance and Bank Portfolio Choice," in *Capital Markets and Financial Intermediation*, ed. by C. Mayer, and X. Vives. Cambridge University Press, Cambridge, pp. 292–319.
- Best, R., and H. Zhang, 1993, "Alternative Information Sources and the Information Content of Bank Loans," *Journal of Finance*, 48(4), 1507–1522.
- Bhaskar, V., and T. To, 2004, "Is Perfect Price Discrimination Really Efficient? An Analysis of Free Entry Equilibria," *RAND Journal of Economics*, 35(4), 762–776.
- Bhattacharya, S., A. W. A. Boot, and A. V. Thakor, 1998, "The Economics of Bank Regulation," *Journal of Money, Credit, and Banking*, 30(4), 745–770.
- Bhattacharya, S., and D. Gale, 1987, "Preference Shocks, liquidity and Central Bank Policy," in *New Approaches to Monetary Economics*. Cambridge University Press, Cambridge.
- Bhattacharya, S., and A. V. Thakor, 1993, "Contemporary Banking Theory," *Journal of Financial Intermediation*, 3(1), 2–50.
- Bikhchandani, S., D. Hirshleifer, and I. Welch, 1992, "A Theory of Fads, Fashion, Custom, and Cultural Change in Informational Cascades," *Journal of Political Economy*, 100(5), 992–1026.
- , 1998, "Learning from the Behavior of Others: Conformity, Fads, and Informational Cascades," *Journal of Economic Perspectives*, 12(3), 151–170.
- Billett, M. T., M. J. Flannery, and J. A. Garfinkel, 1995, "The Effect of Lender Identity on a Borrowing Firm's Equity Return," *Journal of Finance*, 50(2), 699–718.
- Billett, M. T., T.-H. D. King, and D. C. Mauer, 2007, "Growth Opportunities and the Choice of Leverage, Debt Maturity, and Covenants," *Journal of Finance*, 62(2), 697–730.
- Bizer, D. S., and P. M. DeMarzo, 1992, "Sequential Banking," *Journal of Political Economy*, 100(11), 41–61.

- Blum, J., 1999, “Do Capital Adequacy Requirements Reduce Risks in Banking?,” *Journal of Banking & Finance*, 23(5), 755–771.
- Blum, J., and M. Hellwig, 1995, “The Macroeconomic Implications of Capital Adequacy Requirements for Banks,” *European Economic Review*, 39(3-4), 739–749.
- Bolton, P., and M. Dewatripont, 2005, *Credit, Intermediation, and the Macroeconomy*. MIT Press, Cambridge, Massachusetts.
- Bolton, P., and D. S. Scharfstein, 1990, “A Theory of Predation Based on Agency Problems in Financial Contracting,” *American Economic Review*, 80(1), 93–106.
- , 1996, “Optimal Debt Structure and the Number of Creditors,” *Journal of Political Economy*, 104(1), 1–25.
- Boot, A. W. A., 2000, “Relationship Banking: What do we Know,” *Journal of Financial Intermediation*, 9(1), 7–25.
- , 2003, “Consolidation and Strategic Positioning in Banking with Implications for Europe,” in *Brookings-Wharton Papers on Financial Services: 2003*, ed. by R. E. Litan, and R. Herring. Brookings Institution Press, Washington.
- , 2006, “Supervisory Arrangements, LoLR and Crisis Management in a Single European Banking Market,” *Economic Review*, 2, 15–33, Central Bank of Sweden (Riksbank).
- Boot, A. W. A., and S. I. Greenbaum, 1993, “Bank Regulation, Reputation and Rents: Theory and Policy Implications,” in *Capital Markets and Financial Intermediation*. Cambridge University Press, Cambridge, New York, and Melbourne, pp. 262–285.
- Boot, A. W. A., T. T. Milbourn, and S. Deželan, 2001, “Regulation and the Evolution of the Financial Services Industry,” in *Challenges for Central Banking*, ed. by A. M. Santomero, S. Viotti, and A. Vredin. Kluwer, Massachusetts, pp. 39–58.
- Boot, A. W. A., and A. V. Thakor, 1993, “Self-Interested Bank Regulation,” *American Economic Review*, 83(2), 206–212.
- , 1997, “Financial System Architecture,” *The Review of Financial Studies*, 10(3), 693–733.
- , 2000, “Can Relationship Banking Survive Competition?,” *Journal of Finance*, 55(2), 679–713.
- Bordo, M., B. Eichengreen, D. Klingebiel, and M. S. Martinez-Peria, 2001, “Is the crisis problem growing more severe?,” *Economic Policy*, 16(32), 51–82.
- Borio, C. E. V., 2003, “Towards a Macroprudential Framework for Financial Supervision and Regulation?,” Discussion Paper 128, Bank for International Settlements.

- Boscaljon, B., and C.-C. Ho, 2005, "Information Content of Bank Loan Announcements to Asian Corporations during Periods of Economic Uncertainty," *Journal of Banking & Finance*, 29(2), 369–389.
- Boyd, J. H., and G. De Nicro, 2005, "Bank Risk Taking and Competition Revisited," *Journal of Finance*, 60(3), 1329–1343.
- Boyd, J. H., G. De Nicro, and B. D. Smith, 2004, "Crises in Competitive versus Monopolistic Banking Systems," *Journal of Money, Credit, and Banking*, 36(3), 487–506.
- Broecker, T., 1990, "Credit-Worthiness Tests and Interbank Competition," *Econometrica*, 58(2), 429–452.
- Bryan, L. L., 1988, *Breaking Up the Bank: Rethinking an Industry under Siege*. Dow Jones-Irwin, Homewood, IL.
- Bryant, J., 1980, "A Model of Reserves, Bank Runs, and Deposit Insurance," *Journal of Banking & Finance*, 4(4), 335–344.
- Calem, P., and R. Rob, 1999, "The Impact of Capital-Based Regulation on Bank Risk-Taking," *Journal of Financial Intermediation*, 8(4), 317–352.
- Calomiris, C. W., 1999, "Building an Incentive-Compatible Safety Net," *Journal of Banking & Finance*, 27(10), 1499–1519.
- Calomiris, C. W., and C. M. Kahn, 1991, "The Role of Demandable Debt in Structuring Optimal Banking Arrangements," *American Economic Review*, 81(3), 497–513.
- Calomiris, C. W., and R. E. Litan, 2000, "Financial Regulation in a Global Marketplace," in *Papers on Financial Services 2000*, ed. by R. E. Litan, and A. M. Santomero. Brookings Institution Press, Washington, pp. 283–340.
- Calomiris, C. W., and J. R. Mason, 2004, "Credit Card Securitization and Regulatory Arbitrage," *Journal of Financial Services Research*, 26(1), 5–27.
- Caprio Jr., G., and A. Demirgüç-Kunt, 1997, "The role of long term finance: Theory and evidence," Policy Research Working Paper Series 1746, The World Bank.
- Carlson, M., and K. J. Mitchener, 2006, "Bank Branching, Bank Competition, and Financial Stability," *Journal of Money, Credit, and Banking*, 38(5), 1293–1328.
- Chan, Y.-S., S. I. Greenbaum, and A. V. Thakor, 1986, "Information Reusability, Competition and Bank Asset Quality," *Journal of Banking & Finance*, 10(2), 243–253.
- , 1992, "Is Fairly-Priced Deposit Insurance Possible?," *Journal of Finance*, 47(1), 227–245.

- Chari, V. V., and R. Jagannathan, 1988, "Banking Panics, Information, and Rational Expectations Equilibrium," *Journal of Finance*, 18(3), 749–761.
- Chava, S., and M. R. Roberts, 2006, "Is Financial Contracting Costly? An Empirical Analysis of Debt Covenants and Corporate Investment," Working paper.
- Chen, Y., 1999, "Banking Panics: The Role of the First-Come, First-Served Rule and Information Externalities," *Journal of Political Economy*, 107(5), 946–968.
- Claessens, S., and L. Laeven, 2004, "What Drives Bank Competition? Some International Evidence," *Journal of Money, Credit, and Banking*, 36(3), 563–583.
- Clarke, M. Z., 2004, "Geographic Deregulation of Banking and Economic Growth," *Journal of Money, Credit, and Banking*, 36(5), 929–942.
- Deep, A., and G. Schaefer, 2004, "Are Banks Liquidity Transformers?," Harvard University Working Paper.
- Degryse, H., and S. Ongena, 2004, "The Impact of Technology and Regulation on the Geographical Scope of Banking," *Oxford Review of Economic Policy*, 20(4), 571–590.
- , 2005, "Distance, Lending Relationships, and Competition," *Journal of Finance*, 60(1), 231–266.
- Dell’Ariccia, G., and R. Marquez, 2004, "Information and Bank Credit Allocation," *Journal of Financial Economics*, 72(1), 185–214.
- , 2006, "Lending Booms and Lending Standards," *Journal of Finance*, 61(5), 2511–2546.
- DeMarzo, P. M., and D. Duffie, 1999, "A Liquidity-Based Model of Security Design," *Econometrica*, 67(1), 65–100.
- Demirgüç-Kunt, A., and E. Detragiache, 2001, "Financial Liberalization and Financial Fragility," in *Financial Liberalization: How Far, How Fast?*, ed. by G. Caprio, P. Honohan, and E. J. Stiglitz. Cambridge University Press, Massachusetts, pp. 96–122.
- , 2002, "Does Deposit Insurance Increase Banking System Stability? An Empirical Investigation," *Journal of Monetary Economics*, 49(7), 1373–1406.
- Demirgüç-Kunt, A., B. Karacaovali, and L. Laeven, 2005, "Deposit Insurance around the World: A Comprehensive Database," World Bank Working Paper 3628.
- Demsetz, H., 1973, "Industry Structure, Market Rivalry, and Public Policy," *Journal of Law & Economics*, 16(1), 1–9.
- Dermine, J., 2006, "European Banking Integration: Don’t Put the Cart before the Horse," *Financial Markets, Institutions & Instruments*, 15(2), 57–106.

- Diamond, D. W., 1984, "Financial Intermediation and Delegated Monitoring," *Review of Economic Studies*, 51(3), 393–414.
- , 1991a, "Debt Maturity Structure and Liquidity Risk," *Quarterly Journal of Economics*, 106(3), 709–737.
- , 1991b, "Monitoring and Reputation: The Choice between Bank Loans and Directly Placed Debt," *Journal of Political Economy*, 99(4), 689–721.
- Diamond, D. W., and P. H. Dybvig, 1983, "Bank Runs, Deposit Insurance, and Liquidity," *Journal of Political Economy*, 91(3), 401–419.
- Diamond, D. W., and R. G. Rajan, 2000, "A Theory of Bank Capital," *Journal of Finance*, 55(6), 2431–2464.
- , 2001, "Liquidity Risk, Liquidity Creation, and Financial Fragility: A Theory of Banking," *Journal of Political Economy*, 109(2), 287–327.
- Diamond, P. A., 1971, "A Model of Price Adjustment," *Journal of Economic Theory*, 3(2), 156–168.
- Dichev, I. D., and D. J. Skinner, 2002, "Large-Sample Evidence on the Debt Covenant Hypothesis," *Journal of Accounting Research*, 40(4), 1091–1123.
- Dixit, A. K., and J. E. Stiglitz, 1977, "Monopolistic Competition and Optimum Product Diversity," *American Economic Review*, 67(3), 297–308.
- Dowd, K., 2000, "Bank Capital Adequacy versus Deposit Insurance," *Journal of Financial Services Research*, 17, 7–15.
- Dunne, T., M. J. Roberts, and L. Samuelson, 1989, "The Growth and Failure of U.S. Manufacturing Plants," *Quarterly Journal of Economics*, 104(4), 671–698.
- Englund, P., 1999, "The Swedish Banking Crisis: Roots and Consequences," *Oxford Review of Economic Policy*, 15(3), 80–97.
- European Commission, 2006a, "Communication from the Commission to the European Parliament and the Council Concerning the Review of Directive 94/19/EC on Deposit Guarantee Schemes," [http://ec.europa.eu/internal\\_market/bank/docs/guarantee/comm9419\\_en.pdf](http://ec.europa.eu/internal_market/bank/docs/guarantee/comm9419_en.pdf).
- , 2006b, "Proposal for a Directive of the European Parliament and of the Council amending Council Directive 92/49/EEC and Directives 2002/83/EC, 2004/39/EC, 2005/68/EC and 2006/48/EC as Regards Procedural Rules and Evaluation Criteria for the Prudential Assessment of Acquisitions and Increase of Shareholding in the Financial Sector," [http://ec.europa.eu/internal\\_market/finances/cross-sector/index\\_en.htm#obstacles](http://ec.europa.eu/internal_market/finances/cross-sector/index_en.htm#obstacles).



- Evanoff, D. D., and E. Ors, 2002, “Local Market Consolidation and Bank Productive Efficiency,” Bank of Chicago Working Paper.
- Fields, L. P., D. R. Fraser, T. L. Berry, and S. Byers, 2006, “Do Bank Loan Relationships Still Matter?,” *Journal of Money, Credit, and Banking*, 38(5), 1195–1209.
- Financial Service Authority, 2003, “Reasonable Expectations: Regulation in a Non-Zero Failure World,” September.
- Flannery, M. J., 1986, “Asymmetric Information and Risky Debt Maturity Choice,” *Journal of Finance*, 41(1), 19–37.
- , 1994, “Debt Maturity and the Deadweight Cost of Leverage: Optimal Financing Banking Firms,” *American Economic Review*, 84(1), 320–331.
- Flannery, M. J., and K. P. Rangan, 2004, “Market Forces at Work in the Banking Industry: Evidence from the Capital Buildup of the 1990s,” mimeo, University of Florida.
- Focarelli, D., and F. Panetta, 2003, “Are Mergers Beneficial to Consumers? Evidence from the Market for Bank Deposits,” *American Economic Review*, 93(4), 1152–1172.
- Freixas, X., S. Hurkens, A. D. Morrison, and N. Vulkan, 2004, “Interbank Competition with Costly Screening,” Oxford Financial Research Centre Working Paper.
- Freixas, X., and J.-C. Rochet, 1998, “Fair Pricing of Deposit Insurance. Is It Possible? Yes. Is it desirable? No,” *Research in Economics*, 52(3), 217–232.
- , 1999, *Microeconomics of banking*. Massachusetts Institute of Technology, Cambridge, MA, Fourth printing, 1999.
- Fudenberg, D., and J. Tirole, 1991, *Game Theory*. MIT Press, Cambridge.
- Gale, D., and M. Hellwig, 1985, “Incentive-Compatible Debt Contracts: The One-Period Problem,” *Review of Economic Studies*, 52(4), 647–663.
- Gehrig, T., and P.-J. Jost, 1995, “Quacks, Lemons, and Self Regulation: A Welfare Analysis,” *Journal of Regulatory Economics*, 7(3), 309–325.
- Goldstein, I., and A. Pauzner, 2005, “Demand-Deposit Contracts and the Probability of Bank Runs,” *Journal of Finance*, 60(3), 1293–1327.
- Gordy, M. B., and B. Howells, 2006, “Procyclicality in Basel II: Can We Treat the Disease without Killing the Patient?,” *Journal of Financial Intermediation*, 15(3), 395–417.
- Gorton, G., 1988, “Banking Panics and Business Cycles,” *Oxford Economic Papers*, 40(4), 751–781.

- Gorton, G. B., and G. G. Pennacchi, 1990, "Financial Intermediaries and Liquidity Creation," *Journal of Finance*, 45(1), 49–71.
- Gorton, G. B., and A. Winton, 2003, "Financial Intermediation," in *Handbook of the Economics of Finance*. North-Holland, Amsterdam, pp. 431–552.
- Goyal, V. K., K. Lehn, and S. Racic, 2002, "Growth Opportunities and Corporate Debt Policy: The Case of the U.S. Defense Industry," *Journal of Financial Economics*, 64(1), 35–59.
- Greenbaum, S. I., and A. V. Thakor, 1987, "Bank Funding Modes: Securitization versus Deposits," *Journal of Banking & Finance*, 11(3), 379–401.
- Gropp, R., and J. Vesala, 2004, "Deposit Insurance, Moral Hazard and Market Monitoring," *Review of Finance*, 8(4), 571–602.
- Gu, C., 2007, "Herding and Bank Runs," University of Missouri Working Papers.
- Hart, O. D., and J. Moore, 1994, "A Theory of Debt Based on the Inalienability of Human Capital," *Quarterly Journal of Economics*, 109(4), 841–879.
- , 1998, "Default And Renegotiation: A Dynamic Model Of Debt," *Quarterly Journal of Economics*, 113(1), 1–41.
- Hart, O. D., and J. Tirole, 1990, "Vertical Integration and Market Foreclosure," *Brookings Papers on Economic Activity*, 1990(special issue), 205–276.
- Hauswald, R., and R. Marquez, 2002, "Competition and Strategic Information Acquisition in Credit Markets," Working paper.
- , 2006, "Competition and Strategic Information Acquisition in Credit Markets," *Review of Financial Studies*, 19(3), 967–1000.
- Heinemann, F., and G. Illing, 2002, "Speculative Attacks: Unique Sunspot Equilibrium and Transparency," *Journal of International Economics*, 58(2), 429–450.
- Hellmann, T. F., K. C. Murdock, and J. E. Stiglitz, 2000, "Liberalization, Moral Hazard in Banking, and Prudential Regulation: Are Capital Requirements Enough?," *American Economic Review*, 90(1), 147–165.
- Herring, R., 2002, "International Financial Conglomerates: Implications for Bank Insolvency Regimes," Wharton School Working Paper.
- Hoggarth, G., R. Reis, and V. Saporta, 2002, "Costs of banking system instability: Some empirical evidence," *Journal of Banking & Finance*, 26(5), 825–855.
- Holmstrom, B., and J. Tirole, 1997, "Financial Intermediation, Loanable Funds, and the Real Sector," *Quarterly Journal of Economics*, 112(3), 663–691.

- , 1998, “Private and Public Supply of Liquidity,” *Journal of Political Economy*, 106(1), 1–40.
- Honohan, P., and J. E. Stiglitz, 2001, “Robust Financial Restraint,” in *Financial Liberalization: How Far, How Fast?*, ed. by G. Caprio, P. Honohan, and E. J. Stiglitz. Cambridge University Press, Massachusetts, pp. 26–47.
- Hotelling, H., 1929, “Stability in Competition,” *Economic Journal*, 39(153), 41–57.
- House of Commons - Treasury Committee, 2008, *The Run on The Rock*. TSO (The Stationery Office), Norwich, HC 56-I, Fifth Report of Session 2007-08 - Volume I: Report.
- Hubbard, R. G., K. N. Kuttner, and D. N. Palia, 2002, “Are There Bank Effects in Borrowers’ Costs of Funds? Evidence from a Matched Sample of Borrowers and Banks,” *Journal of Business*, 75(4), 559–581.
- Iyer, R., and M. Puri, 2007, “Who Runs? The Importance of Relationships in Bank Runs,” Working paper.
- Jacklin, C. J., 1987, “Demand Deposits, Trading Restrictions, and Risk Sharing,” in *Contractual Arrangements for Intertemporal Trade*. University of Minnesota Press, Minneapolis, MN, pp. 26–47.
- Jacklin, C. J., and S. Bhattacharya, 1988, “Distinguishing Panics and Information-Based Bank Runs: Welfare and Policy Implications,” *Journal of Political Economy*, 96(3), 568–592.
- James, C., 1987, “Some evidence on the uniqueness of bank loans,” *Journal of Financial Economics*, 19(2), 217–235.
- Jayaratne, J., and P. E. Strahan, 1996, “The Finance-Growth Nexus: Evidence from Bank Branch Deregulation,” *Quarterly Journal of Economics*, 111(3), 639–670.
- Jayaratne, J., and P. E. Strahan, 1998, “Entry Restrictions, Industry Evolution, and Dynamic Efficiency: Evidence from Commercial Banking,” *Journal of Law & Economics*, 41(1), 239–273.
- Jensen, M. C., 1986, “Agency Costs of Free Cash Flow, Corporate Finance and Takeovers,” *American Economic Review*, 76(2), 323–339.
- Johnson, S. A., 2003, “Debt Maturity and the Effects of Growth Opportunities and Liquidity Risk on Leverage,” *Review of Financial Studies*, 16(1), 209–236.
- Jones, D., 2000, “Emerging Problems with the Basel Capital Accord: Regulatory Capital Arbitrage and Related Issues,” *Journal of Banking & Finance*, 24(1-2), 35–58.

- Kashyap, A. K., R. G. Rajan, and J. C. Stein, 2002, “Banks as Liquidity Providers: An Explanation for the Coexistence of Lending and Deposit-Taking,” *Journal of Finance*, 57(1), 33–73.
- Kashyap, A. K., and J. C. Stein, 2004, “Cyclical implications of the Basel II capital standards,” *Economic Perspectives*, 28(Q I), 18–31.
- Keeley, M. C., 1990, “Deposit Insurance, Risk, and Market Power in Banking,” *American Economic Review*, 80(5), 1183–1200.
- Kelly, M., and C. Ó Gráda, 2000, “Market Contagion: Evidence from the Panics of 1854 and 1857,” *American Economic Review*, 90(5), 1110–1124.
- Kim, D., and A. M. Santomero, 1988, “Risk in Banking and Capital Regulation,” *Journal of Finance*, 43(5), 1219–1233.
- Kopecky, K. J., and D. VanHoose, 2006, “Capital Regulation, Heterogeneous Monitoring Costs, and Aggregate Loan Quality,” *Journal of Banking & Finance*, 30(8), 2235–2255.
- Košak, M., and P. Zajc, 2006, “The East-West Efficiency Gap in European Banking,” in *Competition and Profitability in European Financial Services. Strategic, Systemic and Policy Issues*, ed. by M. Balling, F. Lierman, and A. Mullineaux. Routledge, UK, pp. 63–79.
- Krasa, S., and A. P. Villamil, 1992, “Monitoring the Monitor: An Incentive Structure for a Financial Intermediary,” *Journal of Economic Theory*, 57(1), 197–221.
- Kroszner, R. S., 1999, “On the Political Economy of Banking and Financial Regulatory Reform in Emerging Markets,” *Research in Financial Services*, 10, 33–51.
- Kroszner, R. S., and P. E. Strahan, 1999, “What Drives Deregulation? Economics and Politics of the Relaxation of Bank Branching Restrictions,” *Journal of Political Economy*, 114(4), 1437–1467.
- Lederer, P. J., and A. P. Hurter, 1986, “Competition for Firms: Discriminatory Pricing and Location,” *Econometrica*, 54(3), 623–640.
- Leland, H., and D. Pyle, 1977, “Informational Asymmetries, Financial Structure, and Financial Intermediation,” *Journal of Finance*, 32(2), 371–387.
- Lummer, S., and J. McConnell, 1989, “Further Evidence on the Bank Lending Process and the Capital Market Responses to Bank Loan Agreements,” *Journal of Financial Economics*, 25(1), 99–122.
- Matutes, C., and X. Vives, 2000, “Imperfect Competition, Risk Taking, and Regulation in Banking,” *European Economic Review*, 44(1), 1–34.

- McAfee, R. P., and M. Schwartz, 1994, "Opportunism in Multilateral Vertical Contracting: Nondiscrimination, Exclusivity, and Uniformity," *American Economic Review*, 84(1), 210–230.
- Melitz, M. J., 2003, "The Impact of Trade on Intra-Industry Reallocations and Aggregate Industry Productivity," *Econometrica*, 71(6), 1695–1725.
- Merton, R. C., 1977, "An Analytic Derivation of the Cost of Deposit Insurance and Loan Guarantees: An Application of Modern Option Pricing Theory," *Journal of Banking & Finance*, 1(1), 3–11.
- Millon, M. H., and A. V. Thakor, 1985, "Moral Hazard and Information Sharing: A Model of Financial Information Gathering Agencies," *Journal of Finance*, 40(5), 1403–1422.
- Mishkin, F. S., 1999, "Financial consolidation: Dangers and opportunities," *Journal of Banking & Finance*, 23(2-4), 675–691.
- Morgan, D. P., 2002, "Rating Banks: Risk and Uncertainty in an Opaque Industry," *American Economic Review*, 92(4), 874–888.
- Morrison, A. D., and L. White, 2005, "Crises and Capital Requirements in Banking," *American Economic Review*, 95(5), 1548–1572.
- Myers, S. C., and N. S. Majluf, 1984, "Corporate Financing and Investment Decisions When Firms Have Information that Investors Do not Have," *Journal of Financial Economics*, 13(1), 51–76.
- Myers, S. C., and R. G. Rajan, 1998, "The Paradox Of Liquidity," *The Quarterly Journal of Economics*, 113(3), 733–771.
- Nash, J., 1950, "The Bargaining Problem," *Econometrica*, 18(2), 155–162.
- Nickell, S. J., 1996, "Competition and Corporate Performance," *Journal of Political Economy*, 104(4), 724–746.
- Ó Gráda, C., and E. N. White, 2002, "Who Panics During Panics? Evidence from a Nineteenth Century Savings Bank," NBER Working Papers 8856.
- Ongena, S., and D. C. Smith, 2000, "Bank Relationships: A Review," in *Performance of Financial Institutions*, ed. by S. A. Zenios, and P. Harker. Cambridge University Press, Cambridge.
- Ortiz-Molina, H., and M. F. Penas, 2006, "Lending to Small Businesses: The Role of Loan Maturity in Addressing Information Problems," Forthcoming in *Small Business Economics*.

- Penas, M. F., and H. Unal, 2004, "Gains in Bank Mergers: Evidence from the Bond Markets," *Journal of Financial Economics*, 74(1), 149–179.
- Pennacchi, G. G., 2005, "Risk-based Capital Standards, Deposit Insurance, and Procyclicality," *Journal of Financial Intermediation*, 14(4), 432–465.
- Petersen, M. A., and R. G. Rajan, 1995, "The Effect of Credit Market Competition on Lending Relationships," *Quarterly Journal of Economics*, 110(2), 407–443.
- , 2002, "Does Distance Still Matter? The Information Revolution in Small Business Lending," *Journal of Finance*, 57(6), 2533–2570.
- Peura, S., and J. Keppo, 2006, "Optimal Bank Capital With Costly Recapitalization," *Journal of Business*, 79(4), 2163–2202.
- Prat, A., and A. Rustichini, 2003, "Games Played Through Agents," *Econometrica*, 71(4), 989–1026.
- Raith, M., 2003, "Competition, Risk, and Managerial Incentives," *American Economic Review*, 93(4), 1425–1436.
- Rajan, R. G., 1992, "Insiders and Outsiders: The Choice between Informed and Arm's-Length Debt," *Journal of Finance*, 47(4), 1367–1400.
- Rajan, R. G., and A. Winton, 1995, "Covenants and Collateral as Incentives to Monitor," *Journal of Finance*, 50(4), 1113–1146.
- Ramakrishnan, R., and A. V. Thakor, 1984, "Information Reliability and a Theory of Financial Intermediation," *Review of Economic Studies*, 51(3), 415–432.
- Repullo, R., 2004, "Capital Requirements, Market Power and Risk-Taking in Banking," *Journal of Financial Intermediation*, 13(2), 156–182.
- Rochet, J.-C., 1992, "Capital Requirements and the Behaviour of Commercial Banks," *European Economic Review*, 36(5), 1137–1170.
- Rothschild, M., and J. E. Stiglitz, 1976, "Equilibrium in Competitive Insurance Markets: An Essay on the Economics of Imperfect Information," *The Quarterly Journal of Economics*, 90(4), 630–649.
- Salop, S. C., 1979, "Monopolistic Competition with Outside Goods," *Bell Journal of Economics*, 10(1), 141–156.
- Santos, J. a. A. C., 2001, "Bank Capital Regulation in Contemporary Banking Theory: A Review of the Literature," *Financial Markets, Institutions & Instruments*, 10(2), 41–84.
- Saunders, A., 2000, *Financial Institutions Management, 3rd edition*. McGraw-Hill, New York.

- Scherr, F. C., and H. M. Hulburt, 2001, "The Debt Maturity Structure of Small Firms," *Financial Management*, 30(1), 85–111.
- Schmeits, A. B., 2005, "Discretionary Contracts and Bank-Firm Relationships," OLIN Working Paper.
- Segal, I., 1999, "Contracting With Externalities," *The Quarterly Journal of Economics*, 114(2), 337–388.
- Segal, I., and M. D. Whinston, 2003, "Robust Predictions for Bilateral Contracting with Externalities," *Econometrica*, 71(3), 757–791.
- Sengupta, R., 2007, "Foreign entry and bank competition," *Journal of Financial Economics*, 84(2), 502–528.
- Shaked, A., and J. Sutton, 1982, "Relaxing Price Competition Through Product Differentiation," *The Review of Economic Studies*, 49(1), 3–13.
- Sharpe, S. A., 1990, "Asymmetric Information, Bank Lending, and Implicit Contracts: A Stylized Model of Customer Relationships," *Journal of Finance*, 45(4), 1069–1087.
- Slovin, M. B., S. A. Johnson, and J. L. Glascock, 1992, "Firm Size and the Information Content of Bank Loan Announcements," *Journal of Banking & Finance*, 16(6), 1057–1071.
- Smith Jr., C. W., and J. B. Warner, 1979, "On financial contracting: An analysis of bond covenants," *Journal of Financial Economics*, 7(2), 117–161.
- Song, F., and A. V. Thakor, 2004, "Relationship Banking, Fragility, and the Asset-Liability Matching Problem," Forthcoming in *Review of Financial Studies*.
- Sorge, M., and C. Zhang, 2007, "Credit Information Quality and Corporate Debt Maturity: Theory and Evidence," Working paper.
- Spence, A. M., 1973, "Job Market Signaling," *The Quarterly Journal of Economics*, 87(3), 355–374.
- Stein, J. C., 2002, "Information Production and Capital Allocation: Decentralized versus Hierarchical Firms," *Journal of Finance*, 57(5), 1891–1921.
- Stiglitz, J. E., 1987, "Competition and the Number of Firms in a Market: Are Duopolies More Competitive than Atomistic Markets?," *Journal of Political Economy*, 95(5), 1041–1061.
- Stiroh, K. J., and P. E. Strahan, 2003, "Competitive Dynamics of Deregulation: Evidence from U.S. Banking," *Journal of Money, Credit, and Banking*, 35(5), 801–828.
- Stohs, M. H., and D. C. Mauer, 1996, "The Determinants of Corporate Debt Maturity Structure," *Journal of Business*, 69(3), 279–312.

- Stulz, R. M., 1990, "Managerial Discretion and Optimal Financing Policies," *Journal of Financial Economics*, 26(1), 3–27.
- Syverson, C., 2004, "Market Structure and Productivity: A Concrete Example," *Journal of Political Economy*, 112(61), 1181–1222.
- Thakor, A. V., 1990, "Investment "Myopia" and the Internal Organization of Capital Allocation Decisions," *Journal of Law, Economics and Organization*, 6(1), 129–154.
- Thisse, J.-F., and X. Vives, 1988, "On The Strategic Choice of Spatial Price Policy," *American Economic Review*, 78(1), 122–137.
- Tirole, J., 2006, *The Theory of Corporate Finance*. Princeton University Press, Princeton and Oxford.
- Tompson, 2004, "Banking Reform in Russia," OECD Economics Department Working Papers, No 410, OECD Publishing.
- Townsend, R., 1979, "Optimal Contracts and Competitive Markets with Costly State Verification," *Journal of Economic Theory*, 21(2), 265–293.
- VanHoose, D., 2006, "Bank Behavior under Capital Regulation: What Does the Academic Literature Tell Us?," Indiana State University Working Paper.
- Vega-Redondo, F., 2003, *Economics and the Theory of Games*. Cambridge University Press, Cambridge.
- Vives, X., 2001a, "Competition in the Changing World of Banking," *Oxford Review of Economic Policy*, 17(4), 535–547.
- , 2001b, "Restructuring Financial Regulation in the European Monetary Union," *Journal of Financial Services Research*, 19(1), 57–82.
- von Neumann, J., and O. Morgenstern, 1944, *Theory of Games and Economic Behavior*. 1953 edition. Princeton University Press, Princeton, NJ.
- Von Thadden, E.-L., 1995, "Long-Term Contracts, Short-Term Investment and Monitoring," *Review of Economic Studies*, 62(4), 557–575.
- , 1997, "The Term-Structure of Investment and the Banks' Insurance Function," *European Economic Review*, 41(7), 1355–1374.
- , 1999, "Liquidity Creation through Banks and Markets: Multiple insurance and Limited Market Access," *European Economic Review*, 43(4-6), 991–1006.
- , 2004, "Asymmetric Information, Bank Lending and Implicit Contracts: The Winner's Curse," *European Economic Review*, 43(4-6), 991–1006.



- Winton, A., 1997, "Competition among Financial Intermediaries When Diversification Matters," *Journal of Financial Intermediation*, 6(4), 307–346.
- Yorulmazer, T., 2003, "Herd Behavior, Bank Runs and Information Disclosure," New York University Working Paper.