ENTERPRISE RESILIENCE AND CREDIT RATINGS OF CHINESE LISTED FIRMS: A CRITICAL REVIEW AND RESEARCH FRAMEWORK

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Abstract
Enterprise resilience is increasingly invoked to explain how firms anticipate disruption, preserve essential operations, and adapt after shocks, yet its relationship with credit ratings remains conceptually and empirically unsettled. This critical review synthesizes organizational resilience, corporate credit risk, operational risk, governance, and Chinese bond-market research to assess whether resilience offers information beyond conventional leverage, profitability, and liquidity measures. The literature suggests three plausible credit channels: reduced probability of cash-flow interruption, stronger capacity to absorb and recover from losses, and more credible governance and disclosure. Each channel has important qualifications. Financial buffers can reflect either prudent preparation or weak investment opportunities; market-return tails are imperfect proxies for operational continuity; and Chinese ratings embed agency-specific scales and expectations of government support. A multidimensional framework is proposed that separates ex ante capacity, observed shock response, and subsequent adaptation, with explicit attention to ownership, rating-agency choice, and timing. The review concludes that resilience should be tested as an incremental predictor of downgrades, spreads, and defaults, rather than assumed to cause higher rating grades. Its principal contribution is a testable research design for Chinese A-share issuers that links management capabilities to measurable credit outcomes without treating planned empirical analysis as completed evidence.

Keywords: Enterprise resilience; Credit ratings; Operational risk; China; Corporate governance; Default risk

1. Introduction

Credit ratings summarize an agency's judgment about an issuer's ability to meet its financial obligations. Their familiar determinants include leverage, cash generation, liquidity, business risk, and governance. These determinants are informative, but they are often measured at an ordinary reporting date. A firm may appear solvent in a stable year while being unable to maintain production, collect receivables, or refinance debt when an unexpected disruption occurs. The question motivating this review is whether enterprise resilience—the organizational capacity to prepare for, withstand, recover from, and learn after disruption—adds useful information to the assessment of corporate creditworthiness. The question matters particularly for Chinese listed issuers, whose ratings operate within a bond market where domestic and international scales, state ownership, and expected support are not interchangeable (Livingston et al., 2018; Jiang and Packer, 2019).

The empirical question is how to measure enterprise resilience and whether it is associated with credit ratings of Chinese A-share firms. Candidate approaches include operational-loss measures, higher moments of stock returns, and tests that control for size, value, momentum, profitability, and investment. These approaches provide a starting point, but several conceptual distinctions are necessary before they become a credible empirical design. Resilience is a capability of an organization, not simply low observed volatility. Operational risk is not identical to credit risk, and bank capital standards cannot be transferred mechanically to non-financial companies. Equity-return skewness may capture investor expectations or market microstructure rather than the firm's ability to continue serving customers. A review must therefore connect these literatures while keeping their objects of measurement separate.

Organizational research portrays resilience as a process involving anticipation, coping, and adaptation rather than a static stock of cash (Duchek, 2020). Reviews of the field find different streams emphasizing external threats, reliable operations, employees, business-model adaptation, and supply-chain design (Linnenluecke, 2017). Credit-risk research, by contrast, usually models financial distress from accounting ratios, asset volatility, and governance (Altman, 1968; Merton, 1974; Ashbaugh-Skaife et al., 2006). The opportunity is to ask whether observable resilience capabilities improve predictions after those established variables are included. The stronger claim that resilience *raises* an agency rating is a separate causal proposition and requires evidence about when agencies observe the capability and how they use it.

This article offers a critical, integrative review rather than a systematic meta-analysis. It develops a framework for Chinese corporate issuers, identifies measurement and identification problems, and specifies outcomes that future studies can use to distinguish an informative resilience signal from rating inflation or implicit guarantees. Jumbe and Gor (2023) The proposed contribution is practical as well as theoretical: firms and creditors need indicators that anticipate interrupted cash flows, while researchers need tests that do not label an ordinary profitability or volatility measure as resilience by definition.

2. Review Approach and Scope

An integrative review is appropriate when a research question crosses mature but separately developed literatures and the objective is to refine constructs and generate testable propositions (Snyder, 2019). This article draws on peer-reviewed work in organizational resilience, corporate finance, accounting, operational risk, and Chinese credit ratings, together with Basel Committee publications used only for the banking context. Sources were selected for direct relevance to at least one of four links: what resilience means, how a shock can affect repayment capacity, how agencies assign ratings, and what makes Chinese ratings distinctive. The synthesis gives priority to published articles with verifiable publisher records and to official regulatory documents. It does not estimate a pooled effect because the cited studies use different populations, exposures, outcomes, and definitions of resilience.

The scope is non-financial A-share listed issuers and their corporate credit outcomes, while recognizing that not every A-share firm has an agency issuer rating or a traded bond. Studies of banks clarify operational-risk concepts, but their regulatory capital rules are not rules for industrial firms. Evidence from the United States supplies mechanisms and measurement cautions rather than direct estimates for China. Shaifali (2025) For every proposed empirical relationship below, association is distinguished from causation. A credit rating may respond to resilience, but a high rating can itself lower financing costs and enable the buffers that make a firm more resilient. Strong governance may generate both. The review therefore treats temporal ordering, selection into being rated, and agency choice as core design issues.

3. Enterprise Resilience as an Organizational Capability

3.1 Anticipation, coping, and adaptation

Resilience research contains multiple definitions, but a useful common element is continued or restored functioning under adversity. Duchek (2020) separates anticipation of a threat, coping while the event unfolds, and adaptation after it. This temporal model prevents an important error: a firm that has never experienced a major shock cannot be called resilient merely because its profits have been smooth. Likewise, a firm can absorb one event using reserves yet fail to adapt its processes for the next. Williams et al. (2017) connect crisis-management and resilience scholarship and show why the nature of the adversity and the response process both matter. For credit analysis, anticipation can reduce exposure; coping can preserve debt service during interruption; and adaptation can protect future cash generation.

Capabilities are partly embedded in people, routines, and relationships. Lengnick-Hall et al. (2011) argue that strategic human-resource practices build cognitive, behavioral, and contextual capacities that help organizations respond to severe shocks. Teece et al. (1997) describe dynamic capabilities as the ability to integrate and reconfigure resources when environments change. Neither account implies that every firm should hold the largest possible cash balance. A firm may be operationally flexible because it can switch suppliers, redesign a product, or redeploy staff, even if its financial reserves are moderate. Conversely, a cash-rich firm with a single vulnerable supplier may remain operationally fragile. These distinctions are central to a credit framework that tries to explain future repayment rather than merely restating current balance-sheet strength.

Evidence also suggests that long-horizon business practices can be associated with greater resilience, although measurement choices matter. Ortiz-de-Mandojana and Bansal (2016) study matched U.S. firms and report lower long-run financial volatility, greater sales growth, and higher survival among firms with stronger social and environmental practices, while finding no short-run profit difference. This is consistent with resilience operating through stakeholder relationships and organizational learning. It does not establish that a sustainability score is itself a valid credit rating input in China. Nandan and Sinku (2024) The outcome-based measures in that study are useful validation targets, whereas the underlying managerial practices are candidate antecedents. A rating model should avoid combining antecedent and outcome into one index and then claiming that the index predicts itself.

3.2 Financial slack and operational continuity

Financial resources can help a firm pay wages, suppliers, and interest while operations recover. Yet the interpretation of cash holdings is conditional. Opler et al. (1999) find that firms with riskier cash flows and stronger growth opportunities tend to hold more cash, while large firms with better capital-market access tend to hold less. Almeida et al. (2004) show that financially constrained firms save more cash from current cash flow. Thus cash may be a protective buffer, a symptom of financing constraints, or both. The relevant credit question is whether cash is available when needed relative to near-term obligations and the likely duration of disruption, not whether the cash-to-assets ratio is simply high.

Operational continuity is another component. The Basel Committee defines operational resilience for banks in terms of withstanding, adapting to, and recovering from events such as cyber failures and pandemics; its principles emphasize governance, mapping critical operations and dependencies, business continuity, and incident management (Basel Committee on Banking Supervision, 2021). Those principles are useful conceptual examples for non-financial issuers, but they are directed at banks. The Committee's 2017 post-crisis reforms likewise concern bank capital measurement and the standardization of operational-risk requirements (Basel Committee on Banking

Supervision, 2017). For an industrial issuer, the corresponding observable practices might include supplier redundancy, tested recovery plans, equipment-maintenance systems, cyber recovery time, and the ability to shift production. Their relation to debt service must be tested rather than assumed.

Jarrow (2008) distinguishes operational losses related to production technology from those arising through agency problems. Chernobai et al. (2011) find that publicly reported operational losses at U.S. financial institutions are often associated with internal-control failures and are correlated with credit risk and governance characteristics. These studies justify considering operational risk as one route toward financial distress, but they also show why a single loss distribution cannot represent all forms of resilience. Preventing a control failure, surviving a supplier interruption, and preserving liquidity during a sales collapse are different mechanisms. A useful model should identify the exposure, response, and credit consequence for each.

4. How Resilience Could Affect Creditworthiness

4.1 Cash-flow stability and default risk

Traditional distress models provide the baseline against which a resilience measure should be judged. Altman (1968) used combinations of financial ratios to classify corporate bankruptcy, while Ohlson (1980) estimated bankruptcy probabilities with a probabilistic model. Merton (1974) related the value and volatility of a firm's assets to the risk of its debt. Later evidence shows that a structural distance-to-default model provides a useful functional form but is not a sufficient statistic: Bharath and Shumway (2008) find additional variables improve out-of-sample default forecasts. Campbell et al. (2008) likewise show that distress prediction requires a broader set of firm-level signals. These studies imply a demanding standard for new resilience measures. They should improve prediction relative to established accounting and market predictors, especially around shocks, and not simply correlate with ratings because they recode leverage or volatility.

The first proposed channel is fewer or smaller interruptions to operating cash flow. An enterprise that anticipates a disruption may avoid a production halt; one that can reroute orders may preserve revenues; one that has tested recovery procedures may shorten downtime. Lower expected interruption makes it easier to meet interest and principal payments, which could support credit quality. Shah et al. (2026) This is a mechanism, not an established estimate for Chinese issuers. It can be evaluated with event data: compare the change in sales, operating cash flow, and debt-service coverage around an exogenous shock across firms with pre-existing resilience practices. The practices must be observed before the shock, or an analyst will confuse successful outcomes with prior capability.

The second channel is loss absorption and liquidity. Reserves, committed lines, manageable debt maturities, and alternative financing sources may allow a firm to continue paying creditors even when operating income falls. However, higher liquidity can accompany lower returns from idle funds, while a firm with a high rating may obtain cheap credit and then build its buffer. A credible test would therefore examine the *incremental* effect of pre-shock liquidity, interaction with shock severity, and the sequence of rating changes. One should not infer that more cash always causes a higher rating. The sign can differ for an unconstrained issuer and one accumulating cash because external financing has become difficult (Opler et al., 1999; Almeida et al., 2004).

The third channel is governance and information quality. Creditors depend on managers to disclose emerging threats, maintain controls, and avoid actions that transfer risk to bondholders. Bhojraj and Sengupta (2003) link outside directors and institutional ownership to bond ratings and yields in a U.S. sample. Ashbaugh-Skaife et al. (2006) find several governance attributes associated with ratings after controlling for firm risk, but the effects vary by attribute; measures that protect shareholders do not always protect debt holders. In China, Bradford et al. (2019) find issuer ratings associated with ownership and reporting features after financial controls. This literature suggests that a resilience process may gain credibility when independently documented through board oversight, audits, and disclosure. It also warns against treating a generic governance score as proof of operational capability.

4.2 Why the relationship may be weak or reversed

Several counterarguments need explicit treatment. First, a firm may be resilient in operations but highly leveraged, leaving little margin for debt service. Second, costly redundancy and inventory buffers can reduce current profitability; an agency that emphasizes near-term ratios might not reward them. Third, only shocks reveal some capabilities, and ratings can adjust slowly. Fourth, risk-taking managers may deliberately build recovery systems because their underlying exposures are unusually high; the observed correlation with distress could then be positive. Fifth, shareholders may prefer strategies with upside that raise volatility even if management can survive operational incidents. These possibilities make a uniform positive resilience–rating coefficient unlikely across sectors, ownership forms, and shock types.

A useful interpretation is that resilience is a conditional capacity. It should matter most when an issuer faces a material, identifiable exposure and its response preserves creditor cash flows. No effect may be visible in normal years, or in rating categories dominated by expected external support. This view turns a vague assertion—resilient firms receive higher ratings—into a more precise proposition: prior resilience capabilities may predict smaller

downgrades and lower spreads after comparable adverse events, conditional on baseline financial condition and institutional support.

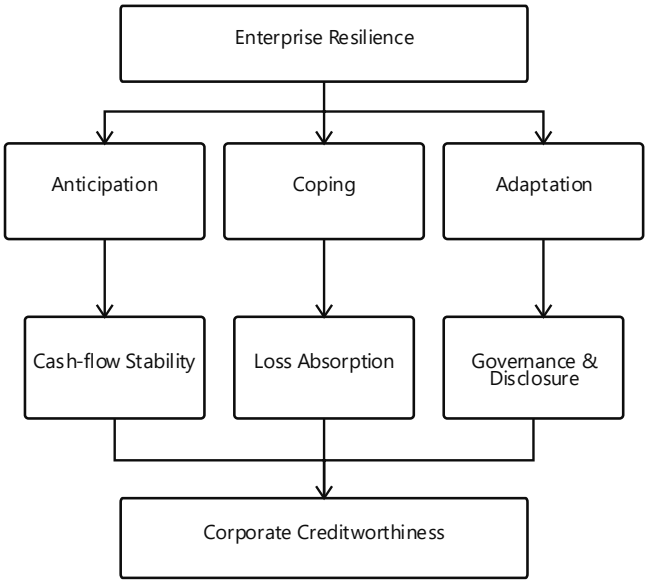


Figure 1. Conceptual Framework Linking Enterprise Resilience to Corporate Creditworthiness

5. Chinese Credit Ratings and Institutional Boundaries

The Chinese setting creates a particularly strong need to separate underlying repayment capacity from assigned rating grades. Livingston et al. (2018) find that Chinese domestic bond ratings are informative about offering yields, yet more than 90% of observed bonds fall into only three rating categories in their sample. They caution that domestic scales are not directly comparable with international scales. Jiang and Packer (2019) study firms rated by both domestic and global agencies and document average gaps of roughly six to seven notches; their analysis also links rating competition to higher ratings. Accordingly, combining domestic and international grades in one numeric variable without scale adjustment would create artificial variation that has little to do with enterprise resilience.

Implicit government support is another important confounder. Dong et al. (2021) find that firm characteristics associated with expected support, including state ownership and size, are positively associated with Chinese bond ratings, with the relationship weakened after a state-owned-enterprise default. Bradford et al. (2019) likewise report a positive association between state ownership and ratings after controlling for financial attributes. An observed positive relation between a resilience index and rating may therefore arise because large state-owned firms have more resources, stronger formal systems, and a perceived guarantee. To estimate the independent contribution of resilience, a study should distinguish state-owned from private issuers, measure ownership level and local government ties, and test interactions with periods when support expectations change.

Selection is also substantive. A-share listing does not imply that every firm has a rated bond, and a bond rating may refer to a particular issue rather than the whole issuer. Firms entering the rated sample are likely to differ in size, financing needs, ownership, and transparency. Agency choice may be endogenous if firms seek an agency likely to assign a favorable grade. Jiang and Packer (2019) show why agency identity and rating-scale differences belong in the model; Livingston et al. (2018) show that market yields provide an additional outcome with which to assess information content. A study limited to listed rated firms must describe its sample as such and should test whether findings generalize to unrated listed firms through market-based distress measures.

The practical implication is that an improvement in the reported rating is not necessarily an improvement in intrinsic credit quality. The most persuasive evidence would show a resilience measure predicting fewer subsequent defaults, smaller post-shock spread increases, or less severe downgrades within a given agency scale. Concordance across these outcomes would strengthen the claim that the measure captures underlying repayment capacity. Divergence—for example, higher ratings with unchanged default rates—would be a finding about rating practices, not proof that enterprise resilience improved credit risk.

6. Measurement Framework for Future Research

6.1 Separate capability, exposure, and outcome

An empirically useful construct should have three layers. The first is ex ante *capacity*: documented continuity plans, supplier diversification, liquidity coverage, debt-maturity flexibility, cyber and physical recovery arrangements, and governance of critical risks. The second is *realized response*: the depth and duration of sales, cash-flow, or production disruption conditional on the size of an external shock. The third is *adaptation*: process changes and recovery of margins, customer retention, and funding access after the event. These layers should be reported separately before any composite score is formed. A single index that mixes cash reserves with post-shock outcomes risks giving an apparent predictor credit for information that would not have been available when the rating was assigned.

Higher moments of stock returns and an adjusted value-at-risk measure are possible indicators of tail exposure. Tail measures can be useful diagnostics, but they have a specific interpretation. Artzner et al. (1999) show that conventional value at risk does not generally satisfy all properties of a coherent risk measure, and Rockafellar and Uryasev (2000) motivate conditional value at risk as a measure attentive to losses beyond a quantile threshold. Neither result means that expected shortfall, skewness, or variance directly measures organizational resilience. An equity price reflects leverage, investor beliefs, liquidity, policy news, and marketwide shocks. A lower left-tail risk can be consistent with resilience, but the link should be validated against independent operating outcomes and tested after adjusting for firm and market characteristics. It is particularly important to avoid importing bank operational-loss formulas into a non-financial-firm sample without observing comparable losses.

For credit analysis, the outcome should also be defined with care. An issuer rating is ordinal; the distance between AAA and AA need not equal the distance between BBB and BB. Ordered-response or transition models respect that structure better than a linear score treated as cardinal. A bond spread, downgrade indicator, default event, and debt-service failure answer related but distinct questions. Where several agencies rate a firm, models should include agency effects or estimate agency-specific results. Accounting controls should include leverage, interest coverage, cash flow, profitability, asset tangibility, and size. Fama and French's (2015) asset-pricing factors explain patterns in stock returns; they are not substitutes for issuer-level credit controls. If stock returns are used to construct a resilience proxy, factor adjustment is relevant, but the model still needs direct balance-sheet and operating measures. Table 1 summarizes the proposed measurement logic. Each indicator is a candidate requiring data access and validation, not a claim that the variable has already been observed in the Chinese sample.

Table 1. Proposed resilience and credit measures

Construct	Candidate indicators	Main validation question
Ex ante capacity	Cash runway, committed credit, maturity profile, supplier concentration, tested continuity plans	Were the indicators documented before a shock and available to the analyst?
Shock response	Abnormal operating cash-flow decline, revenue interruption, downtime, spread change	Is response compared with firms facing a similar shock?
Adaptation	Time to restore revenue or margins, supplier substitution, repeated-event performance	Does the measure capture recovery rather than baseline profitability?
Credit outcome	Issuer-grade transition, bond spread, default or restructuring	Is the rating scale and agency held constant or adjusted?

Note: Candidate indicators require data access and independent validation.

6.2 Identification and validation

The empirical sequence should be established before estimation. Define a firm-quarter or firm-year panel, date each resilience indicator, identify the rating action or bond observation that follows, and exclude outcomes already known when the predictor is measured. When feasible, exploit events with plausibly external exposure—such as region-specific natural hazards or supply-chain interruptions—and compare firms within exposed industries and locations. Firm and time fixed effects can absorb stable issuer characteristics and common shocks, but cannot by themselves solve reverse causality or unobserved time-varying support. Standard errors should account for dependence across firm observations and common time shocks; Petersen (2009) explains why ordinary standard errors can be misleading in finance panels.

Predictive value should be demonstrated out of sample. One design would estimate a baseline credit model using conventional financial and governance variables, then add pre-shock resilience measures and compare calibration, discrimination, and post-shock transition forecasts. A second would test whether the measures predict the *severity of deterioration* among exposed issuers, where resilience should matter most. Results should be reported by state ownership, sector, leverage, and agency, with alternative outcome definitions. Missing ratings and sample selection need a flow table; the number of listed firms should not be presented as the number of rated issuers. Sensitivity

analyses should examine whether a single index is driven almost entirely by cash or historical return volatility. This is the minimum needed to show that a resilience measure contributes information rather than renaming established risk factors.

7. Research Propositions and Implications

The review yields four testable propositions. First, documented pre-shock continuity and financial-flexibility capacities should predict smaller adverse changes in operating cash flow after comparable disruptions. Second, any association of those capacities with agency ratings should be weaker than their association with post-shock downgrade or spread outcomes if agencies only partly observe resilience. Third, the incremental signal should be more visible among private firms than among state-owned firms whose ratings incorporate expected support. Fourth, an index based solely on equity-return tails should lose explanatory power when it is tested against independently measured operational continuity and conventional default predictors. These propositions are deliberately conditional; a failed prediction would be informative about the boundary of the construct.

For firms, the framework suggests documenting the operating services and dependencies whose failure would threaten debt service, then testing realistic recovery times and financing needs. For creditors and rating agencies, the useful question is whether evidence of continuity capacity changes the expected path of cash flows and losses under a defined stress. For regulators and researchers, comparable disclosure of material interruptions and recovery times would improve the ability to evaluate resilience. The bank-oriented Basel documents provide an example of systematic mapping, but non-financial issuers require sector-specific indicators and proportional reporting. A conceptual link to bank operational resilience should not be mistaken for a regulatory requirement on all A-share companies.

Several limits remain. This review is selective and integrative, so it does not claim exhaustive coverage or a pooled effect size. Much of the organizational-resilience evidence is conceptual or based outside China, and the Chinese rating studies do not directly estimate the proposed resilience mechanism. Operational incidents, cash buffers, and governance practices may be disclosed unevenly. Distinguishing capability from exposure, and intrinsic risk from expected state support, will require careful new data. These limits define the next empirical study, rather than findings the present review can already report.

8. Conclusion

Enterprise resilience has a plausible place in corporate credit analysis because creditors care about a firm's ability to continue generating and allocating cash after disruption. The literature supports a multidimensional view of resilience that includes preparation, coping, and adaptation. It also shows why a single volatility statistic, cash ratio, or rating grade is an inadequate stand-in for that capability. In China, domestic rating scales and implicit government support make the distinction between assigned grades and underlying credit quality especially important. The next research step is to measure pre-shock capacity independently, test its incremental prediction of operating and credit outcomes, and examine whether the signal survives conventional financial controls, agency differences, and ownership effects. Until those tests are performed, resilience should be presented as a disciplined hypothesis about creditworthiness, not as a demonstrated cause of rating improvement.

Data Availability Statement

No new dataset was generated for this review. The cited publications and official documents are identified in the reference list.

Ethics Statement

This literature review did not involve human participants or animals.

References

1. Almeida, H., Campello, M., and Weisbach, M. S. (2004). The cash flow sensitivity of cash. The Journal of Finance, 59(4), 1777–1804. https://doi.org/10.1111/j.1540-6261.2004.00679.x
2. Altman, E. I. (1968). Financial ratios, discriminant analysis and the prediction of corporate bankruptcy. The Journal of Finance, 23(4), 589–609. https://doi.org/10.1111/j.1540-6261.1968.tb00843.x
3. Artzner, P., Delbaen, F., Eber, J.-M., and Heath, D. (1999). Coherent measures of risk. Mathematical Finance, 9(3), 203–228. https://doi.org/10.1111/1467-9965.00068
4. Ashbaugh-Skaife, H., Collins, D. W., and LaFond, R. (2006). The effects of corporate governance on firms' credit ratings. Journal of Accounting and Economics, 42(1–2), 203–243. https://doi.org/10.1016/j.jacceco.2006.02.003
5. Basel Committee on Banking Supervision. (2017). Basel III: Finalising post-crisis reforms. Bank for International Settlements. https://www.bis.org/publications/201712-standards-basel-iii-finalising-post-crisis-reforms

6. Basel Committee on Banking Supervision. (2021). Principles for operational resilience. Bank for International Settlements. https://www.bis.org/publications/202103-guidelines-principles-operational-resilience
7. Bharath, S. T., and Shumway, T. (2008). Forecasting default with the Merton distance to default model. The Review of Financial Studies, 21(3), 1339–1369. https://doi.org/10.1093/rfs/hhn044
8. Bhojraj, S., and Sengupta, P. (2003). Effect of corporate governance on bond ratings and yields: The role of institutional investors and outside directors. The Journal of Business, 76(3), 455–476. https://doi.org/10.1086/344114
9. Bradford, W., Chen, C., and Zhao, Y. (2019). The effect of corporate governance on credit ratings: Evidence from China's bond market. Journal of International Financial Management & Accounting, 30(2), 113–144. https://doi.org/10.1111/jifm.12094
10. Campbell, J. Y., Hilscher, J., and Szilagyi, J. (2008). In search of distress risk. The Journal of Finance, 63(6), 2899–2939. https://doi.org/10.1111/j.1540-6261.2008.01416.x
11. Chernobai, A., Jorion, P., and Yu, F. (2011). The determinants of operational risk in U.S. financial institutions. Journal of Financial and Quantitative Analysis, 46(6), 1683–1725. https://doi.org/10.1017/S0022109011000500
12. Dong, Y., Hou, Q., and Ni, C. (2021). Implicit government guarantees and credit ratings. Journal of Corporate Finance, 69, 102046. https://doi.org/10.1016/j.jcorpfin.2021.102046
13. Duchek, S. (2020). Organizational resilience: A capability-based conceptualization. Business Research, 13(1), 215–246. https://doi.org/10.1007/s40685-019-0085-7
14. Fama, E. F., and French, K. R. (2015). A five-factor asset pricing model. Journal of Financial Economics, 116(1), 1–22. https://doi.org/10.1016/j.jfineco.2014.10.010
15. Jarrow, R. A. (2008). Operational risk. Journal of Banking & Finance, 32(5), 870–879. https://doi.org/10.1016/j.jbankfin.2007.06.006
16. Jiang, X., and Packer, F. (2019). Credit ratings of Chinese firms by domestic and global agencies: Assessing the determinants and impact. Journal of Banking & Finance, 105, 178–193. https://doi.org/10.1016/j.jbankfin.2019.05.011
17. Jumbe, G., & Gor, R. (2023). Examining the impact of debt maturity time, expected return and volatility on probability of default in credit risk modelling: The case of Merton and MKMV models. International Journal of Engineering Science Technologies, 7(1), 29–42. https://doi.org/10.29121/ijoest.v7.i1.2023.542
18. Lengnick-Hall, C. A., Beck, T. E., and Lengnick-Hall, M. L. (2011). Developing a capacity for organizational resilience through strategic human resource management. Human Resource Management Review, 21(3), 243–255. https://doi.org/10.1016/j.hrmr.2010.07.001
19. Linnenluecke, M. K. (2017). Resilience in business and management research: A review of influential publications and a research agenda. International Journal of Management Reviews, 19(1), 4–30. https://doi.org/10.1111/ijmr.12076
20. Livingston, M., Poon, W. P. H., and Zhou, L. (2018). Are Chinese credit ratings relevant? A study of the Chinese bond market and credit rating industry. Journal of Banking & Finance, 87, 216–232. https://doi.org/10.1016/j.jbankfin.2017.09.020
21. Merton, R. C. (1974). On the pricing of corporate debt: The risk structure of interest rates. The Journal of Finance, 29(2), 449–470. https://doi.org/10.1111/j.1540-6261.1974.tb03058.x
22. Nandan, M. S. P. K., & Sinku, S. (2024). The impact of ESG ratings on firm financial performance and foreign institutional ownership in India: A systematic literature review. ShodhKosh: Journal of Visual and Performing Arts, 5(5), 1334–1345. https://doi.org/10.29121/shodhkosh.v5.i5.2024.3083
23. Ohlson, J. A. (1980). Financial ratios and the probabilistic prediction of bankruptcy. Journal of Accounting Research, 18(1), 109–131. https://doi.org/10.2307/2490395
24. Opler, T., Pinkowitz, L., Stulz, R., and Williamson, R. (1999). The determinants and implications of corporate cash holdings. Journal of Financial Economics, 52(1), 3–46. https://doi.org/10.1016/S0304-405X(99)00003-3
25. Ortiz-de-Mandojana, N., and Bansal, P. (2016). The long-term benefits of organizational resilience through sustainable business practices. Strategic Management Journal, 37(8), 1615–1631. https://doi.org/10.1002/smj.2410
26. Petersen, M. A. (2009). Estimating standard errors in finance panel data sets: Comparing approaches. The Review of Financial Studies, 22(1), 435–480. https://doi.org/10.1093/rfs/hhn053
27. Rockafellar, R. T., and Uryasev, S. (2000). Optimization of conditional value-at-risk. The Journal of Risk, 2(3), 21–41. https://doi.org/10.21314/JOR.2000.038
28. Shaifali. (2025). Corporate governance and economic sustainability: Investigating their interdependence in modern business practices. International Journal of Research - GRANTHAALAYAH, 13(5), 73–78. https://doi.org/10.29121/granthaalayah.v13.i5.2025.6172
29. Shah, S. C., Dhamelia, H., Jodawat, K., & Patadiya, V. (2026). Impact of capital restructuring on firm performance: An empirical study using panel data analysis. ShodhKosh: Journal of Visual and Performing Arts, 7(9s), 196–204. https://doi.org/10.29121/shodhkosh.v7.i9s.2026.8003

30. Snyder, H. (2019). Literature review as a research methodology: An overview and guidelines. Journal of Business Research, 104, 333–339. https://doi.org/10.1016/j.jbusres.2019.07.039
31. Teece, D. J., Pisano, G., and Shuen, A. (1997). Dynamic capabilities and strategic management. Strategic Management Journal, 18(7), 509–533. https://doi.org/10.1002/(SICI)1097-0266(199708)18:7<509::AID-SMJ882>3.0.CO;2-Z
32. Williams, T. A., Gruber, D. A., Sutcliffe, K. M., Shepherd, D. A., and Zhao, E. Y. (2017). Organizational response to adversity: Fusing crisis management and resilience research streams. Academy of Management Annals, 11(2), 733–769. https://doi.org/10.5465/annals.2015.0134