

DAFTAR PUSTAKA

- Adirinekso, G. P., Judijanto, L., Erwin, & Arifin, Y. (2024). *Bisnis Dan Ekonomi Digital (Sebuah Transformasi Ekonomi Yang Dipengaruhi Dunia Digital)*. Pt. Sonpedia Publishing Indonesia.
- Afpi. (2023). Sejarah Perkembangan Fintech Di Indonesia. *Asosiasi Fintech Pendanaan Bersama Indonesia*. <https://afpi.or.id/articles/detail/sejarah-perkembangan-fintech-di-indonesia>
- Afpi. (2024). Perkembangan P2p Lending Di Indonesia. *Asosiasi Fintech Pendanaan Bersama Indonesia*. <https://afpi.or.id/articles/detail/perkembangan-p2p-lending-di-indonesia>
- Akhtar, S., Azmi, S. N., Khan, P. A., Jan, A. A., & Ansari, Z. (2024). Unveiling The Financial Landscape: Analyzing Profitability, Productivity, And Efficiency Of Banks In An Emerging Economy Using The Camels Framework And Panel Analysis. *Cogent Business & Management*, 11(1), 2399747. <https://doi.org/10.1080/23311975.2024.2399747>
- Alamsyah, A., Ramadhani, D. P., & Kristanti, F. T. (2021). *Event-Based Dynamic Banking Network Exploration For Economic Anomaly Detection*. <https://doi.org/10.48550/Arxiv.2103.03120>
- Al-Hiyari, A., Ismail, A. I., Kolsi, M. C., & Kehinde, O. H. (2023). Environmental, Social And Governance Performance (Esg) And Firm Investment Efficiency In Emerging Markets: The Interaction Effect Of Board Cultural Diversity.

- Corporate Governance: The International Journal Of Business In Society*, 23(3), 650–673. <https://doi.org/10.1108/Cg-03-2022-0133>
- Ali, F., Wang, M., Jebran, K., & Ali, S. T. (2021). Board Diversity And Firm Efficiency: Evidence From China. *Corporate Governance: The International Journal Of Business In Society*, 21(4), 587–607. <https://doi.org/10.1108/Cg-10-2019-0312>
- Alicia, R., Putra, J., Fortuna, W., Felin, F., & Purba, M. I. (2020). Pengaruh Growth Opportunity, Leverage Dan Firm Size Terhadap Cash Holding Perusahaan Properti Dan Real Estate. *Owner (Riset Dan Jurnal Akuntansi)*, 4(2), 322. <https://doi.org/10.33395/Owner.V4i2.219>
- Almira, N. P. A. K., & Wiagustini, N. L. P. (2020). Return On Asset, Return On Equity, Dan Earning Per Share Berpengaruh Terhadap Return Saham. *E-Jurnal Manajemen Universitas Udayana*, 9(3), 1069. <https://doi.org/10.24843/Ejmunud.2020.V09.I03.P13>
- Ameilia, R., & Purbaningtyas, R. (2022). Implementasi Data Envelopment Analysis (Dea) Pada Evaluasi Kinerja Program Studi. *Jurnal Informatika Polinema*, 9. <https://doi.org/10.33795/Jip>
- Amirteimoori, A., Allahviranloo, T., & Nematizadeh, M. (2024). A Firm-Specific Malmquist Productivity Index Model For Stochastic Data Envelopment Analysis: An Application To Commercial Banks. *Financial Innovation*, 10(1), 66. <https://doi.org/10.1186/S40854-023-00583-2>
- Anand, S., Srivastav, S., Garg, V., & Garg, G. (2024). Major Challenges And Benefits Of Fintech Across The Globe. In S. Anand, S. Srivastav, V. Garg,

- & G. Garg, *Revolutionary Challenges And Opportunities Of Fintech* (1st Ed., Pp. 205–216). Apple Academic Press.
<https://doi.org/10.1201/9781003428718-12>
- Andersen, H., & Juelsrud, R. E. (2024). Optimal Capital Adequacy Ratios For Banks. *Latin American Journal Of Central Banking*, 5(2), 100107.
<https://doi.org/10.1016/J.Latcb.2023.100107>
- Anouze, A. L. M., & Hamad, I. B. (2019). Data Envelopment Analysis And Data Mining To Efficiency Estimation And Evaluation. *International Journal Of Islamic And Middle Eastern Finance And Management*, 12(2), 169–190.
<https://doi.org/10.1108/Imefm-11-2017-0302>
- Asif, M., Khan, M. N., Tiwari, S., Wani, S. K., & Alam, F. (2023). The Impact Of Fintech And Digital Financial Services On Financial Inclusion In India. *Journal Of Risk And Financial Management*, 16(2), 122.
<https://doi.org/10.3390/Jrfm16020122>
- Avianti, I. & Triyanto. (2021). *Ekosistem Fintech Di Indonesia* (1st Ed.). Pt. Kaptain Komunikasi Indonesia.
- Bank Indonesia. (2023a). Inflasi. *Bank Indonesia*.
<https://www.bi.go.id/Id/Fungsi-Utama/Moneter/Inflasi/Default.aspx>
- Bank Indonesia. (2023b). Sistem Pembayaran & Pengelolaan Uang Rupiah. *Bank Indonesia*.
<https://www.bi.go.id/Id/Fungsi-Utama/Sistem-Pembayaran/Default.aspx>

Bank Indonesia. (2023c). *Stabilitas Sistem Keuangan Dan Peran Bank Indonesia*.

<https://www.bi.go.id/id/fungsi-utama/stabilitas-sistem-keuangan/ikhtisar/default.aspx>

Banna, H., Hassan, M. K., & Bataineh, H. (2023). Bank Efficiency And Fintech-Based Inclusive Finance: Evidence From Dual Banking System. *Journal Of Islamic Monetary Economics And Finance*, 9(1).
<https://doi.org/10.21098/jimf.v9i1.1621>

Barroso, M., & Laborda, J. (2022). Digital Transformation And The Emergence Of The Fintech Sector: Systematic Literature Review. *Digital Business*, 2(2), 100028. <https://doi.org/10.1016/j.digbus.2022.100028>

Basdekis, C., Christopoulos, A., Katsampoxakis, I., & Vlachou, A. (2022). Fintech's Rapid Growth And Its Effect On The Banking Sector. *Journal Of Banking And Financial Technology*, 6(2), 159–176.
<https://doi.org/10.1007/s42786-022-00045-w>

Basuki, A. T. (2019). *Buku Praktikum Eviews*. Danisa Media.

Bayiley, Y. T. (2022). Assessing Bank Performance Using Malmquist Productivity Index Approach And One-Step System Gmm Dynamic Panel Data Model. *Open Journal Of Business And Management*, 10(02), 798–821.
<https://doi.org/10.4236/ojbm.2022.102045>

Belasri, S., Gomes, M., & Pijourlet, G. (2020). Corporate Social Responsibility And Bank Efficiency. *Journal Of Multinational Financial Management*, 54, 100612. <https://doi.org/10.1016/j.mulfin.2020.100612>

- Benchimol, J., & Bozou, C. (2024). Desirable Banking Competition And Stability. *Journal Of Financial Stability*, 73, 101266. <https://doi.org/10.1016/J.Jfs.2024.101266>
- Blankson, N., Anarfo, E. B., Amewu, G., & Doabil, L. (2022). Examining The Determinants Of Bank Efficiency In Transition: Empirical Evidence From Ghana. *Heliyon*, 8(8), E10156. <https://doi.org/10.1016/J.Heliyon.2022.E10156>
- Brigida, M., & Kathleen, B. (2024). Time-Variation In Bank Income And Expense Betas. *Emerald Insight*.
- Chairunnisa, D. A. C., & Ahmad, F. (2023). Implementation Of Panel Data Regression In The Analysis Of Factors Affecting Poverty Levels In Bengkulu Province In 2017-2020: Implementation Of Panel Data Regression. *Eksakta: Journal Of Sciences And Data Analysis*, 40–45. <https://doi.org/10.20885/Eksakta.Vol4.Iss1.Art5>
- Chen, M. A., Wu, Q., & Yang, B. (2019). How Valuable Is Fintech Innovation? *The Review Of Financial Studies*, 32(5), 2062–2106. <https://doi.org/10.1093/Rfs/Hhy130>
- Cheng, M., & Qu, Y. (2020). Does Bank Fintech Reduce Credit Risk? Evidence From China. *Pacific-Basin Finance Journal*, 63, 101398. <https://doi.org/10.1016/J.Pacfin.2020.101398>
- Cho, T.-Y., & Chen, Y.-S. (2021). The Impact Of Financial Technology On China's Banking Industry: An Application Of The Metafrontier Cost Malmquist

- Productivity Index. *The North American Journal Of Economics And Finance*, 57, 101414. <https://doi.org/10.1016/j.najef.2021.101414>
- Dahlan, M. S. (2024). *Analisis Multivariat Regresi Logistik*. Epidemiologi Indonesia.
- Dasilas, A., & Karanović, G. (2023). The Impact Of Fintech Firms On Bank Performance: Evidence From The Uk. *Euromed Journal Of Business*. <https://doi.org/10.1108/emjb-04-2023-0099>
- Dubey, U. K. B., & Kothari, D. P. (2022). *Research Methodology: Techniques And Trends* (1st Ed.). Chapman And Hall/Crc. <https://doi.org/10.1201/9781315167138>
- Dwijayantie, R., & Mulyadi, J. (2022). Efisiensi Perusahaan Manufaktur Dengan Data Envelopment Analysis. *Jiafe (Jurnal Ilmiah Akuntansi Fakultas Ekonomi)*, 8(2). <https://doi.org/10.34204/jiafe.v8i2.5763>
- Edgeworth, F. Y. (1881). *Mathematical Psychics: An Essay On The Application Of Mathematics To The Moral Sciences*. C.Kegan Paul And Co.
- Ediagbonya, V., & Tioluwani, C. (2023). The Role Of Fintech In Driving Financial Inclusion In Developing And Emerging Markets: Issues, Challenges And Prospects. *Technological Sustainability*, 2(1), 100–119. <https://doi.org/10.1108/techs-10-2021-0017>
- Elsaid, H. M. (2023). A Review Of Literature Directions Regarding The Impact Of Fintech Firms On The Banking Industry. *Qualitative Research In Financial Markets*, 15(5), 693–711. <https://doi.org/10.1108/qrfm-10-2020-0197>

- Enguene, A. A., & Noumba, I. (2024). Does Bank Capital Boost The Productivity Of The Banking Industry In Emcca? A Critical Survey. *Economic Change And Restructuring*, 57(3), 130. <https://doi.org/10.1007/S10644-024-09710-0>
- Estu, H. (2023). Financial Technology Dampak Kebijakan Financial Technology Di Indonesia: Kebijakan Financial Technology. *Akuntabilitas: Jurnal Ilmiah Ilmu-Ilmu Ekonomi*, 15(1), 76–87. <https://doi.org/10.35457/Akuntabilitas.V15i1.2848>
- Fadhilah, Dina, & Masdjojo, G. N. (2023). Analysis Of The Effect Of Financial Ratios On Profitability In Foreign Exchange Banks Listed On The Idx For The 2017-2022 Period. *Costing:Journal Of Economic, Business And Accounting*, 7.
- Faoziyyah, A. A., & Laila, N. (2020). Faktor Internal Dan Faktor Makroekonomi Yang Mempengaruhi Profitabilitas Asuransi Syariah Di Indonesia Periode 2016-2018. *Jurnal Ekonomi Syariah Teori Dan Terapan*, 7(6), 1146. <https://doi.org/10.20473/Vol7iss20206pp1146-1163>
- Farooq, M., Khan, S., Atique Siddiqui, A., Tariq Khan, M., & Kamran Khan, M. (2021). Determinants Of Profitability: A Case Of Commercial Banks In Pakistan. *Humanities & Social Sciences Reviews*, 9(2), 01–13. <https://doi.org/10.18510/Hssr.2021.921>
- Fauziyah, N., & Wardana, G. K. (2022). Pengaruh Return On Assets, Bank Sizedan Inflasi Terhadap Efisiensi Bank Syariahdi Indonesia Dan Malaysia. *Jurnal*

- Masharif Al-Syariah: Jurnal Ekonomi Dan Perbankan Syariah*, 7.
<https://doi.org/10.30651/jms.v7i2.12286>
- Fitriaty, F., & Saputra, M. H. (2022). Inflasi, Suku Bunga Dan Resesi Terhadap Kinerja Saham Perusahaan Properti Dan Real Estate Di Bursa Efek Indonesia. *Jurnal Manajemen Terapan Dan Keuangan*, 11(04), 981–992.
<https://doi.org/10.22437/jmk.v11i04.21767>
- Goswami, S., Sharma, R. B., & Chouhan, V. (2022). Impact Of Financial Technology (Fintech) On Financial Inclusion(Fi) In Rural India. *Universal Journal Of Accounting And Finance*, 10(2), 483–497.
<https://doi.org/10.13189/ujaf.2022.100213>
- Goyal, J., Singh, M., Singh, R., & Aggarwal, A. (2019). Efficiency And Technology Gaps In Indian Banking Sector: Application Of Meta-Frontier Directional Distance Function Dea Approach. *The Journal Of Finance And Data Science*, 5(3), 156–172. <https://doi.org/10.1016/j.jfds.2018.08.002>
- Gustika, R., Rinofah, R., & Maulida, A. (2024). The Influence Of Financial Literacy, Credit Requirements, And Financial Report Quality On Access To Financing For Micro, Small And Medium Enterprises. *Jurnal Ilmiah Manajemen Kesatuan*, 12(5), 1499–1508.
<https://doi.org/10.37641/jimkes.v12i5.2772>
- Hamid, M. A., Ramdhani, R., Masrul, & Juliana. (2020). *Media Pembelajaran*. Kita Menulis.

- Hamzah, S., & Deliyana, S. (2023). Efisiensi Bank Dan Return Saham Pada Sektor Perbankan Selama Periode Tahun 2013-2021. *Jurnal Ilmiah Manajemen Bisnis Dan Inovasi Universitas Sam Ratulagi*.
- Hapsari, R. D., & Pambayun, K. G. (2023). Ancaman Cybercrime Di Indonesia: Sebuah Tinjauan Pustaka Sistematis. *Jurnal Konstituen*, 5(1), 1–17. <https://doi.org/10.33701/jk.v5i1.3208>
- Hardani, Nur Hikmatul Auliya, Helmina Andriani, & Roushandy Asri Fardani. (2020). *Metode Penelitian Kualitatif & Kuantitatif* (1st Ed.). Pustaka Ilmu.
- Harmono, R. R. (2020). *Manajemen Keuangan: Berbasis Balanced Scorecard Pendekatan Teori, Kasus Dan Riset Bisnis*. Bumi Aksara.
- Hartanto, D., & Khaddafi, M. (2024). Dampak Penerapan Financial Technology (Fin Tech) Terhadap Efisiensi Operasional Bank. *Journal Of Social And Economics Research*, 6(1), 481–486. <https://doi.org/10.54783/jser.v6i1.437>
- Hasyim, M. A. N., & Nuraeni, Y. A. (2022). Analysis Of The Effect Of Current Ratio, Total Asset Turnover, Debt To Equity Ratio, Net Profit Margin Toward Retrun On Equity. *International Journal Of Science Education And Technology Management*.
- Hernández, I. J., Palazzo, G., & Fernández, F. J. S. (2019). Determinants Of Bank Efficiency: Evidence From The Latin American Banking Industry. *Applied Economic Analysis*, 27(81), 184–206. <https://doi.org/10.1108/Aea-09-2019-0027>

- Ho, S. J., & Huang, Y.-S. (2024). *The Effects Of P2p Lending On Bank Performance*. <https://doi.org/10.2139/ssrn.4682844>
- Hosen, M., Cham, T.-H., Eaw, H.-C., Subramaniam, V., & Thaker, H. M. T. (2023). The Influence Of Fintech On Financial Sector And Economic Growth: An Analysis Of Recent Literature. In M. A. Al-Sharafi, M. Al-Emran, M. N. Al-Kabi, & K. Shaalan (Eds.), *Proceedings Of The 2nd International Conference On Emerging Technologies And Intelligent Systems* (Vol. 584, Pp. 251–263). Springer International Publishing. https://doi.org/10.1007/978-3-031-25274-7_21
- Hosseinzadeh Lotfi, F., Ebrahimnejad, A., Vaez-Ghasemi, M., & Moghaddas, Z. (2020). Advanced Dea Models With R Codes. In F. H. Lotfi, A. Ebrahimnejad, M. Vaez-Ghasemi, & Z. Moghaddas, *Data Envelopment Analysis With R* (Vol. 386, Pp. 99–162). Springer International Publishing. https://doi.org/10.1007/978-3-030-24277-0_4
- Houston, D. D. (2020). Adopsi Penerimaan Digital Payment Pada Kalangan Milenial. *Medium*, 7(2), 55–67. [https://doi.org/10.25299/Medium.2019.Vol7\(2\).4094](https://doi.org/10.25299/Medium.2019.Vol7(2).4094)
- Hsiao, C. (2022). *Analysis Of Panel Data* (Fourth Edition). Cambridge University Press. <https://doi.org/10.1017/9781009057745>
- Idx. (2024, November). Ikhtisar Dan Sejarah Bei. *Indonesia Stock Exchange*. https://idx.co.id/id/Tentang-Bei/Ikhtisar-Dan-Sejarah-Bei/#Vision_Mision

- Indah, R., Ummukifdiyah Rohmatul Huda, & Anjar Puji Asmeru. (2023). Perubahan Bank Di Indonesia Dari Bank Konvensional Menjadi Bank Digitalisasi Di Era Evaluasi Industri 4.0. *Student Research Journal*, 1(3), 168–175. <https://doi.org/10.55606/Srjyappi.V1i3.328>
- Irfannuddin. (2019). *Cara Sistematis Berlatih Meneliti* (Vol. 1). Rayyana Komunikasindo.
- Istaiteyeh, R., Milhem, M. M., & Elsayed, A. (2024). Efficiency Assessment And Determinants Of Performance: A Study Of Jordan's Banks Using Dea And Tobit Regression. *Economies*, 12(2), 37. <https://doi.org/10.3390/Economies12020037>
- Jaya, S. (2020). Pengaruh Ukuran Perusahaan (Firm Size) Dan Profitabilitas (Roa) Terhadap Nilai Perusahaan (Firm Value) Pada Perusahaan Sub Sektor Property Dan Real Estate Di Bursa Efek Indonesia (Bei). *Jurnal Manajemen Motivasi*, 16(1), 38. <https://doi.org/10.29406/Jmm.V16i1.2136>
- Joia, L. A., & Cordeiro, J. P. V. (2021). Unlocking The Potential Of Fintechs For Financial Inclusion: A Delphi-Based Approach. *Sustainability*, 13(21), 11675. <https://doi.org/10.3390/Su132111675>
- Kasmir. (2019). *Analisis Laporan Keuangan* (1st Ed., Vol. 12). Raja Grafindo Persada.
- Kedžo, G. M., & Sjaus, T. B. (2021). The Efficiency Analysis Of Large Banks Using The Bootstrap And Fuzzy Dea: A Case Of An Emerging Market. *Information*, 12(12), 507. <https://doi.org/10.3390/Info12120507>

- Kementerian Keuangan. (2021, April 26). Hubungan Realisasi Pokok Lelang Terhadap Indikator Pergerakan Ekonomi Gross Domestic Product (Gdp). *Kementerian Keuangan*. <https://www.djkn.kemenkeu.go.id/kpknl-biak/baca-artikel/13867/hubungan-realisasi-pokok-lelang-terhadap-indikator-pergerakan-ekonomi-gross-domestic-product-gdp.html>
- Kementerian Keuangan. (2023, December 20). Pengendalian Inflasi Menjaga Kesejahteraan Masyarakat Bangka Belitung. *Kementerian Keuangan*. <https://djpb.kemenkeu.go.id/kppn/pangkalpinang/id/data-publikasi/berita-terbaru/2903-pengendalian-inflasi-menjaga-kesejahteraan-masyarakat-bangka-belitung.html>
- Khan, A., & Gulati, R. (2022). Productivity Growth, Catching-Up And Technology Innovation In Microfinance Institutions In India: Evidence Using A Bootstrap Malmquist Index Approach. *Benchmarking: An International Journal*, 29(3), 878–904. <https://doi.org/10.1108/Bij-10-2020-0535>
- Khan, H. H., Khan, S., & Ghafoor, A. (2023). Fintech Adoption, The Regulatory Environment And Bank Stability: An Empirical Investigation From Gcc Economies. *Borsa Istanbul Review*, 23(6), 1263–1281. <https://doi.org/10.1016/j.bir.2023.10.010>
- Khan, H. H., Kutan, A. M., & Qureshi, F. (2024). Fintech Integration: Driving Efficiency In Banking Institutions Across The Developing Nations. *Finance Research Letters*, 67, 105772. <https://doi.org/10.1016/j.frl.2024.105772>
- Khanday, I. N., Tarique, Md., Wani, I. U., & Dar, M. H. (2024). Poverty And Financial Development: An Asymmetric And Nonlinear Ardl Analysis For

- India. *Journal Of Economic Studies*, 51(4), 764–782.
<https://doi.org/10.1108/Jes-03-2023-0129>
- Kirimi, P. N., Kariuki, S. N., & Ocharo, K. N. (2022). Moderating Effect Of Bank Size On The Relationship Between Financial Soundness And Financial Performance. *African Journal Of Economic And Management Studies*, 13(1), 62–75. <https://doi.org/10.1108/Ajems-07-2021-0316>
- Kozak, S., & Wierzbowska, A. (2021). Banking Market Concentration And Bank Efficiency. Evidence From Southern, Eastern And Central Europe. *South East European Journal Of Economics And Business*, 16(1), 38–52.
<https://doi.org/10.2478/Jeb-2021-0004>
- Kristwanda, P. N. B., & Satria, D. (2024). Analisis Pengaruh Peer-To-Peer Lending Terhadap Kinerja Kelompok Bank Dengan Modal Indikator Kesehatan Empat (Kbmi 4). *Contemporary Studies In Economic, Finance And Banking*, 3(3), 595–608. <https://doi.org/10.21776/Csefb.2024.03.3.05>
- Kudal, P., Dawar, S., Rai, R., & Dawar, P. (2022). Perceived Cyber Security Challenges In Adoption And Diffusion Of Fintech Services In India: In S. Saeed, A. M. Almuhaideb, N. Kumar, N. Zaman, & Y. B. Zikria (Eds.), *Advances In Information Security, Privacy, And Ethics* (Pp. 449–465). Igi Global. <https://doi.org/10.4018/978-1-6684-5284-4.Ch022>
- Kumar, V., & Bird, R. (2022). Factors Influencing The Profitability Of Banks In India And China. *Applied Economics Letters*, 29(5), 371–375.
<https://doi.org/10.1080/13504851.2020.1869153>

- Lähteenmäki, I., Nätti, S., & Saraniemi, S. (2022). Digitalization-Enabled Evolution Of Customer Value Creation: An Executive View In Financial Services. *Journal Of Business Research*, 146, 504–517. <https://doi.org/10.1016/j.jbusres.2022.04.002>
- Laksono, B. A., & Nisa, F. L. (2024). Pemanfaatan Teknologi Dalam Perkembangan Operasional Perbankan Syariah. *Jurnal Rumpun Manajemen Dan Ekonomi, 1*. <https://doi.org/10.61722/Jrme.V1i3.1580>
- Laskar, N., Sahu, J. P., & Choudhury, K. S. (2024a). Impact Of Fintech On Firm Performance: Empirical Evidence From India. *Managerial Finance*, 50(3), 614–633. <https://doi.org/10.1108/Mf-02-2023-0126>
- Laskar, N., Sahu, J. P., & Choudhury, K. S. (2024b). Impact Of Gender Diversity On Firm Performance: Empirical Evidence From India. *Managerial Finance*, 50(3), 614–633. <https://doi.org/10.1108/Mf-02-2023-0126>
- Layuk, V. T. (2023). Net Income: Measurement, Influence Of Economic Factors, And Implications In Financial Statements. *Ssrn Electronic Journal*. <https://doi.org/10.2139/ssrn.4511293>
- Lee, C.-C., Li, X., Yu, C.-H., & Zhao, J. (2021). Does Fintech Innovation Improve Bank Efficiency? Evidence From China's Banking Industry. *International Review Of Economics & Finance*, 74, 468–483. <https://doi.org/10.1016/j.ieref.2021.03.009>
- Lee, C.-C., Ni, W., & Zhang, X. (2023). Fintech Development And Commercial Bank Efficiency In China. *Global Finance Journal*, 57, 100850. <https://doi.org/10.1016/j.gfj.2023.100850>

- Li, Z., Feng, C., & Tang, Y. (2022). Bank Efficiency And Failure Prediction: A Nonparametric And Dynamic Model Based On Data Envelopment Analysis. *Annals Of Operations Research*, 315(1), 279–315. <https://doi.org/10.1007/S10479-022-04597-4>
- Liao, W.-L., Yao, C.-Y., & Yang, Y.-P. (2019). Effect Of Fintech On The Cost Malmquist Productivity Index In The China Banking Industry. In J. C. Hung, N. Y. Yen, & L. Hui (Eds.), *Frontier Computing* (Vol. 542, Pp. 74–88). Springer Singapore. https://doi.org/10.1007/978-981-13-3648-5_9
- Lin, C., Ma, Y., & Su, D. (2023). Corporate Governance And Firm Efficiency: Evidence From China's Publicly Listed Firms. *Managerial And Decision Economics*, 30(3), 193–209. <https://doi.org/10.1002/Mde.1447>
- Liu, T. L., Naveed, M. M., Mustafa, S., & Naveed, M. T. (2024). Analysing The Impact Of Digital Technology Diffusion On The Efficiency And Convergence Process Of The Commercial Banking Industry Of Pakistan. *Humanities And Social Sciences Communications*, 11(1), 792. <https://doi.org/10.1057/S41599-024-03184-1>
- Lv, P., & Xiong, H. (2022). Can Fintech Improve Corporate Investment Efficiency? Evidence From China. *Research In International Business And Finance*, 60, 101571. <https://doi.org/10.1016/J.Ribaf.2021.101571>
- Manan, M. A., Hasnawati, S., & Universitas Lampung, Lampung. (2022). Pengaruh Good Corporate Governance Terhadap Financial Distress Yang Di Kontrol Oleh Ukuran Perusahaan Pada Perusahaan Industri Sektor Manufaktur Di

- Indonesia. *Jurnal Akuntansi, Keuangan, Dan Manajemen*, 3(4), 279–292.
<https://doi.org/10.35912/Jakman.V3i4.1197>
- Manasseh, C. O., Nwakoby, I. C., Okanya, O. C., Nwonye, N. G., Odidi, O., Thaddeus, K. J., Ede, K. K., & Nzidee, W. (2024). Impact Of Digital Financial Innovation On Financial System Development In Common Market For Eastern And Southern Africa (Comesa) Countries. *Asian Journal Of Economics And Banking*, 8(1), 121–142.
<https://doi.org/10.1108/Ajeb-04-2022-0041>
- Marginingsih, R. (2021). Financial Technology (Fintech) Dalam Inklusi Keuangan Nasional Di Masa Pandemi Covid-19. *Moneter - Jurnal Akuntansi Dan Keuangan*, 8(1), 56–64. <https://doi.org/10.31294/Moneter.V8i1.9903>
- Maria, M. B., & Hussain, F. (2023). Does Inflation Expectation Affect Banks' Performances? Evidence From Indian Banking Sector. *Journal Of Economic And Administrative Sciences*. <https://doi.org/10.1108/Jeas-05-2023-0123>
- Mateev, M., Usman Tariq, M., & Sahyouni, A. (2023). Efficiency, Market Concentration And Bank Performance During The Covid-19 Outbreak: Evidence From The Mena Region. *Plos One*, 18(5), E0285403.
<https://doi.org/10.1371/Journal.Pone.0285403>
- Mir, R. A., Rameez, R., & Tahir, N. (2023). Measuring Internet Banking Service Quality: An Empirical Evidence. *The Tqm Journal*, 35(2), 492–518.
<https://doi.org/10.1108/Tqm-11-2021-0335>

- Mulyadi, Darminto, D. P., & Sihite, M. (2023). *Efisiensi Perbankan Dan Perusahaan* (Vol. 1). Eureka Media Aksara.
- Muthmainnah, A., Amirullah, S., & Sumarsih. (2022). *Panduan Eviews*.
<https://anyflip.com/Slusg/Koof/Basic>
- Najar, B. W. (2020). Efficiency And/Or Effectiveness In Managing Organizations. *Journal Of Education And Culture Studies*, 4(2), P131.
<https://doi.org/10.22158/Jecs.V4n2p131>
- Napitupulu, R. B., Simanjuntak, T. P., Hutabarat, L., & Damanik, H. (2021). *Penelitian Bisnis: Teknik Dan Analisa Data Dengan Spss - Stata - Eviews*. Madanatera.
- Nguyen, L., Tran, S., & Ho, T. (2022). Fintech Credit, Bank Regulations And Bank Performance: A Cross-Country Analysis. *Asia-Pacific Journal Of Business Administration*, 14(4), 445–466. <https://doi.org/10.1108/apjba-05-2021-0196>
- Nhan, D. T. T., Pho, K.-H., Anh, D. T. V., & Mcaleer, M. (2021). Evaluating The Efficiency Of Vietnam Banks Using Data Envelopment Analysis. *Annals Of Financial Economics*, 16(02), 2150010.
<https://doi.org/10.1142/S201049522150010x>
- Nugraha, D. P., Setiawan, B., Nathan, R. J., & Fekete-Farkas, M. (2022). Fintech Adoption Drivers For Innovation For Smes In Indonesia. *Journal Of Open Innovation: Technology, Market, And Complexity*, 8(4), 208.
<https://doi.org/10.3390/joitmc8040208>

- Octrina, F., Eliza, J., Dewi, A. S., & Jamilah, A. (2024). Application Of Financial Technology On The Performance Of Banks. In S. Kusairi, F. M. Kapingura, P. F. Sugestie, & N. Ahmat (Eds.), *Proceedings Of The International Conference On Sustainable Collaboration In Business, Technology, Information, And Innovation (Scbtii 2024)* (Vol. 303, Pp. 239–256). Atlantis Press International Bv. https://doi.org/10.2991/978-94-6463-558-4_14
- Octrina, F., & Jamilah, A. (2024). Productivity Comparison Between Conventional And Islamic Commercial Banks In Indonesia During The Covid-19 Pandemic. *International Journal Of Islamic Economics And Finance (Ijief)*, 7(1), 361–386. <https://doi.org/10.18196/Ijief.V7i1.16323>
- Octrina, F., & Mariam, A. G. S. (2021). Productivity Of Islamic Banking In Indonesia. *Jurnal Perspektif Pembiayaan Dan Pembangunan Daerah*, 9(1), 19–28. <https://doi.org/10.22437/Ppd.V9i1.11041>
- Octrina, F., & Priatmojo, H. E. (2023a). Islamic Bank Efficiency: An Efficiency Method With Sfa. *Jurnal Perspektif Pembiayaan Dan Pembangunan Daerah*, 10(6), 379–394. <https://doi.org/10.22437/Ppd.V10i6.18250>
- Octrina, F., & Priatmojo, H. E. (2023b). Islamic Bank Efficiency: An Efficiency Method With Sfa. *Jurnal Perspektif Pembiayaan Dan Pembangunan Daerah*, 10(6), 379–394. <https://doi.org/10.22437/Ppd.V10i6.18250>
- Ojk. (2019). *Buku 2 Perbankan*. Otoritas Jasa Keuangan. <https://sikapiuangmu.ojk.go.id/Frontend/Literasiperguruan tinggi/Assets/Pdf/Buku%202%20-%20perbankan.Pdf>

- Ojk. (2023, August 7). Pembiayaan Umkm Lewat Pinjaman Online Terus Berkembang, Pinjaman Masyarakat Masih Terkendali. *Ojk*.
<https://Ojk.Go.Id/Id/Berita-Dan-Kegiatan/Siaran-Pers/Pages/Pembiayaan-Umkm-Lewat-Pinjaman-Online-Terus-Berkembang,-Pinjaman-Masyarakat-Masih-Terkendali.Aspx>
- Otoritas Jasa Keuangan. (2023). Yuk Mengenal Fintech P2p Lending Sebagai Alternatif Investasi Sekaligus Pendanaan. *Ojk*.
<https://Sikapiuangmu.Ojk.Go.Id/Frontend/Cms/Article/20566>
- Pahleviannur, M. R., Grave, A. D., & Saputra, D. N. (2022). *Metodologi Penelitian Kualitatif* (1st Ed.). Pradina Pustaka.
- Pan, F., & Liu, Y. (2021). The Research Progress On The Geography Of Fintech Industry. *Editorial Department Of World Regional Studies*.
<https://doi.org/10.3969/J.Issn.1004-9479.2021.04.2020725>
- Pareto, V. (1927). *Manuel D'economie Politique*. (2nd Ed.). Sous La Direction Do Alfred Bonnet.
- Pasha, R. (2024). Bank Intermediation Efficiency And Liquidity Risk In Egypt: A Two-Stage Non-Parametric Analyses. *Future Business Journal*, 10(1), 97.
<https://doi.org/10.1186/S43093-024-00385-7>
- Pio, P. G. C., Sigahi, T., Rampasso, I. S., Satolo, E. G., Serafim, M. P., Quelhas, O. L. G., Leal Filho, W., & Anholon, R. (2024). Complaint Management: Comparison Between Traditional And Digital Banks And The Benefits Of Using Management Systems For Improvement. *International Journal Of*

- Productivity And Performance Management*, 73(4), 1050–1070.
<https://doi.org/10.1108/Ijppm-08-2022-0430>
- Podinovski, V. V., & Chameeva, T. B.-. (2021). Optimal Solutions Of Multiplier Dea Models. *Journal Of Productivity Analysis*, 56(1), 45–68.
<https://doi.org/10.1007/S11123-021-00610-3>
- Priyatno, D. (2022). *Olah Data Sem Dengan Program Amos (Analysis Of Moment Structure)* (I).
- Purba, E., Purba, B., & Syafii, Ahmad S. (2021). *Metodelogi Penelitian Ekonomi* (1st Ed.).
- Purwanto, H., Yandri, D., & Yoga, M. P. (2022). Perkembangan Dan Dampak Financial Technology (Fintech) Terhadap Perilaku Manajemen Keuangan Masyarakat. *Jurnal Manajemen, Organisasi, Dan Bisnis*.
- Purwanza, S. W., Wardhana, A., & Mufidah, A. (2022). *Metodologi Penelitian Kuantitatif, Kualitatif Dan Kombinasi*. Media Sains Indonesia.
- Ramadhanty, A. P. (2023). Pengaruh Layanan Digital Perbankan, Tingkat Kompetisi, Dan Efisiensi Terhadap Profitabilitas Perbankan. *Contemporary Studies In Economic, Finance And Banking*, 2(3), 518–530.
<https://doi.org/10.21776/Csefb.2023.02.3.14>
- Rashid, Md. H. U., Zobair, S. A. Mohd., Chowdhury, Md. A. I., & Islam, A. (2020). Corporate Governance And Banks’ Productivity: Evidence From The Banking Industry In Bangladesh. *Business Research*, 13(2), 615–637.
<https://doi.org/10.1007/S40685-020-00109-X>

- Rashwan, A. R. M., & Kassem, Z. A.-E. A. (2023). The Impact Of Financial Technology On Profitability For Banks: In M. Joshi, M. Brahmi, L. Aldieri, & C. P. Vinci (Eds.), *Advances In Finance, Accounting, And Economics* (Pp. 269–282). Igi Global. <https://doi.org/10.4018/978-1-6684-6766-4.Ch014>
- Sahdan, S., Komala, R., & Aryani, R. A. I. (2023). Financial Technology, Profitabilitas Dan Efisiensi Bank Umum Konvensional Di Indonesia. *Jurnal Akuntansi Dan Sistem Informasi*, 4.
- Saleh, R. (2022). *Analisis Pengaruh Rasio Keuangan Terhadap Pertumbuhan Laba (Studi Pada Pt. Kawasan Industri Makassar)*. http://repository.unhas.ac.id/id/eprint/16287/2/A012201029_Tesis_10-05-2022%201-2.pdf
- Salsa, S. S., & Nugraha, D. S. (2022). Pengaruh Umur Perusahaan, Pertumbuhan Perusahaan, Profitabilitas, Struktur Modal, Dan Ukuran Perusahaan Terhadap Nilai Perusahaan. *Indonesian Accounting Literacy Journal*, 2(3), 692–703. <https://doi.org/10.35313/ialj.v2i3.3974>
- Saputra, S., Komala, R., & Aryani, R. A. I. (2023). Financial Technology, Profitabilitas Dan Efisiensi Bank Umum Konvensional Di Indonesia. *Jurnal Akuntansi Dan Sistem Informasi*, 4.
- Saroy, R., Jain, P., Awasthy, S., & Dhal, S. C. (2023). Impact Of Digital Payment Adoption On Indian Banking Sector Efficiency. *Journal Of Banking And Financial Technology*, 7(1–2), 1–13. <https://doi.org/10.1007/S42786-023-00047-2>

- Sartika, U. D., Siddik, S., & Choiriyah, C. (2019). Pengaruh Inflasi, Suku Bunga, Nilai Tukar, Dan Produk Domestik Bruto Terhadap Nilai Perusahaan. *Jurnal Ilmu Manajemen*, 8(2), 75. <https://doi.org/10.32502/Jimn.V8i2.1821>
- Saunders, M. N. K., Lewis, P., & Thornhill, A. (2019). *Research Methods For Business Students* (Eighth Edition). Pearson.
- Setiawan, A., & Muchtar, S. (2021). *Factor Affecting The Capital Adequacy Ratio Of Banks Listed In Indonesia Stock Exchange*. <http://dx.doi.org/10.24912/Je.V26i1.684>
- Shair, F., Shaorong, S., Kamran, H. W., Hussain, M. S., Nawaz, M. A., & Nguyen, V. C. (2021). Assessing The Efficiency And Total Factor Productivity Growth Of The Banking Industry: Do Environmental Concerns Matters? *Environmental Science And Pollution Research*, 28(16), 20822–20838. <https://doi.org/10.1007/S11356-020-11938-Y>
- Shehadeh, M., Almajali, D., Abu-Alsondos, I. A., Alkhwalid, A. F., & Al-Gasaymeh, A. S. (2023). Digital Transformation And Its Impact On Operational Efficiency And Competitive Advantage In Islamic Banks. *2023 International Conference On Business Analytics For Technology And Security (Icbats)*, 1–6. <https://doi.org/10.1109/Icbats57792.2023.10111266>
- Shi, Z., Qin, S., Chiu, Y., Tan, X., & Miao, X. (2021). The Impact Of Gross Domestic Product On The Financing And Investment Efficiency Of China's Commercial Banks. *Financial Innovation*, 7(1), 35. <https://doi.org/10.1186/S40854-021-00251-3>

- Simonović, D., Milojević, S., Milašinović, M., & Dimitrijević, M. (2023). Analysis Of The Efficiency Of Banks In Serbia And Montenegro Using The Dea Method. *International Review*, 3–4, 184–194. <https://doi.org/10.5937/intrev2304181s>
- Siregar, R. A., Arif, S., & Kartika, T. (2024). Maximizing Profitability: Analyzing The Impact Of Operational Efficiency And Capital Strength On Bank Bjb Syariah's Financial Performance. *Al-Infaq: Jurnal Ekonomi Islam*, 1(1), 209. <https://doi.org/10.32507/Ajei.V1i1.2409>
- Sugiyono. (2019). *Metode Penelitian Kuantitatif* (1st Ed.). Alfabeta.
- Tiwari, R., Vidyarthi, H., & Kumar, A. (2023). Nexus Between Intellectual Capital And Bank Productivity In India. *Journal Of Risk And Financial Management*, 16(1), 54. <https://doi.org/10.3390/jrfm16010054>
- Traif, S. E., Alshihabi, I. E., Ajlan, A., Bubshait, A., & Razzaque, A. (2021). Adoption Of Fintech By Students In Higher Education Institutions: In Y. A. Albastaki, A. Razzaque, & A. M. Sarea (Eds.), *Advances In Finance, Accounting, And Economics* (Pp. 302–329). Igi Global. <https://doi.org/10.4018/978-1-7998-3257-7.Ch018>
- Tsakila, N. F., Wirahadi, M. A., Fadilah, A. A., & Simanjuntak, H. (2024). Analisis Dampak Fintech Terhadap Kinerja Dan Inovasi Perbankan Di Era Ekonomi Digital. *Indonesian Journal Of Law And Justice*, 1(4), 11. <https://doi.org/10.47134/ijlj.V1i4.2787>

- Uddin, H., & Hossain, M. S. (2021). Impact Of Operating Expenditures On Firms Profitability. *Elk Asia Pacific Journal Of Finance, Volume 11*(4). [Https://Doi.Org/10.16962/Eapjfrm/Issn.0976-7185](https://doi.org/10.16962/Eapjfrm/Issn.0976-7185)
- Ullah, S., Majeed, A., & Popp, J. (2023). Determinants Of Bank's Efficiency In An Emerging Economy: A Data Envelopment Analysis Approach. *Plos One, 18*(3), E0281663. [Https://Doi.Org/10.1371/Journal.Pone.0281663](https://doi.org/10.1371/Journal.Pone.0281663)
- Utama, A. S. (2021). Digitalisasi Produk Bank Konvensional Dan Bank Syariah Di Indonesia. *Jurnal Justisia : Jurnal Ilmu Hukum, Perundang-Undangan Dan Pranata Sosial, 6*(2), 113. [Https://Doi.Org/10.22373/Justisia.V6i2.11532](https://doi.org/10.22373/Justisia.V6i2.11532)
- Vives, X., & Ye, Z. (2024). Fintech Entry, Lending Market Competition, And Welfare. *Iese Business*.
- Wahyuni, M. (2021). *Statistik Deskriptif Untuk Penelitian Olah Data Manual Dan Spss Versi 25* (1st Ed.). Bintang Pustaka Madani.
- Wang, H., & Gunawan, A. (2022). Analyzing The Impact Of Digital Payment On Efficiency And Productivity Of Commercial Banks – A Case Study In China. *Proceedings Of The International Conference On Industrial Engineering And Operations Management, 1649–1659*. [Https://Doi.Org/10.46254/An12.20220306](https://doi.org/10.46254/An12.20220306)
- Wang, W., Moreira, F., & Liang, Y. (2024). Does Fintech Adoption Improve Bank Performance. *International Journal Of Monetary Economics And Finance, 17*(1), 1–28. [Https://Doi.Org/10.1504/Ijmef.2024.137546](https://doi.org/10.1504/Ijmef.2024.137546)
- Wang, Y., Xiuping, S., & Zhang, Q. (2021). Can Fintech Improve The Efficiency Of Commercial Banks? —An Analysis Based On Big Data. *Research In*

International Business And Finance, 55, 101338.

<https://doi.org/10.1016/J.Ribaf.2020.101338>

Wangsawidjaja. (2020). *Kredit Bank Umum - Menurut Teori Dan Praktik Perbankan Indonesia*. Lautan Pustaka.

<https://books.google.co.id/books?id=Bamgeaaaqbaj&printsec=frontcover#v=onepage&q&f=false>

Wanjagi, J., Nasieku, T., & Fatoki, O. (2024). Effect Of Capital Adequacy On Operational Efficiency Of Commercial Banks In Kenya. *European Scientific Journal*, *Esj*, 20(22), 49.

<https://doi.org/10.19044/Esj.2024.V20n22p49>

Wasiaturrahma, Sukmana, R., Ajija, S. R., Salama, S. C. U., & Hudaifah, A. (2020). Financial Performance Of Rural Banks In Indonesia: A Two-Stage Dea Approach. *Heliyon*, 6(7), E04390.

<https://doi.org/10.1016/J.Heliyon.2020.E04390>

Wibowo, A. E. (2021). *Metodologi Penelitian Pegangan Untuk Menulis Karya Ilmiah*. Penerbit Insania.

Widiarsih, D., & Resa, A. M. (2022). *Literatur Makro Ekonomi*. Wawasan Ilmu.

Widowati, N., & Khusaeni, M. (2022). Adopsi Pembayaran Digital Qris Pada Umkm Berdasarkan Technology Acceptance Model. *Journal Of Development Economic And Social Studies*.

<http://dx.doi.org/10.21776/Jdess>

- World Bank. (2020). Digital Financial Services. *World Bank*.
<https://pubdocs.worldbank.org/en/230281588169110691/Digital-Financial-Services.Pdf>
- World Bank. (2023). Financial Technology – Fintech – Is Creating New Opportunities And Challenges For The Financial Sector – From Consumers, To Financial Institutions And New Entrants, To Regulators. *World Bank*.
<https://www.worldbank.org/en/topic/fintech>
- Xu, Y., Yuan, L., Lee, H., Baire, S., Nakonieczny, J., & Zhao, X. (2024). Fintech Development And Firm Technological Innovation Efficiency: Empirical Findings In China. *Ieee Transactions On Engineering Management*, 71, 3881–3891. <https://doi.org/10.1109/tem.2023.3239499>
- Yasril, A. I., Fatma, F., & Febrianti, D. (2021). Penerapan Uji Korelasi Spearman Untuk Mengkaji Faktor Yang Berhubungan Dengan Kejadian Diabetes Melitus Di Puskesmas Sicincin Kabupaten Padang Pariaman. *Jurnal Human Care*, 6.
- Yudaruddin, R. (2023). Financial Technology And Performance In Islamic And Conventional Banks. *Journal Of Islamic Accounting And Business Research*, 14(1), 100–116. <https://doi.org/10.1108/jiabr-03-2022-0070>
- Yudianto, Y., Supriyadi, D., & Kosasih. (2023). Dampak Perselisihan Ukraina-Rusia 2022 Terhadap Perekonomian, Inflasi, Perdagangan Internasional Di Asia Tenggara. *Coopetition*.

- Yunita, I., & Barkah, C. S. (2024). Is The Tobacco Stock Still Relevant For Future Investment? *Advances In Economics, Business And Management Research*, 167–188. https://doi.org/10.2991/978-94-6463-558-4_10
- Zaman, A. U., & Khan, N. A. (2023). Decomposition Of Productivity Growth Among The Cooperative Banks In Jammu And Kashmir (India). *Humanities And Social Sciences Communications*, 10(1), 72. <https://doi.org/10.1057/S41599-023-01561-W>
- Zannati, N. I. A., & Ginting, W. (2022). The Effect Of Current Ratio, Debt To Equity Ratio, And Total Assets Turn Over On Return On Equity With Company Size As A Moderation Variable: Studies In Automotive And Components Manufacturing Companies Listed On The Indonesia Stock Exchange For The 2013-2020 Period. *Journal Of Accounting Inaba (Jai)*, 1(02), 113–127. <https://doi.org/10.56956/Jai.V1i02.129>
- Zhao, D., Yuan, J., & Chen, W. (2023). *Fintech And Suptech In China*. Springer.