

**MODEL *LEAGILITY STRATEGY* DAN *SUPPLY CHAIN*
ADAPTIVE PROGRAM UNTUK MENINGKATKAN KINERJA
PERUSAHAAN SPAREPART OTOMOTIF**



DISERTASI

Diajukan untuk memenuhi Sebagian syarat untuk memperoleh
Gelar Doktor pada Program Studi Doktor Manajemen
Konsentrasi Manajemen Strategik

oleh:

**Miftakul Huda
NIM 2208634**

**PROGRAM STUDI MANAJEMEN
FAKULTAS PENDIDIKAN EKONOMI DAN BISNIS
UNIVERSITAS PENDIDIKAN INDONESIA
2025**

***MODEL LEAGILITY STRATEGY DAN SUPPLY CHAIN ADAPTIVE
PROGRAM UNTUK MENINGKATKAN KINERJA PERUSAHAAN
SPAREPART OTOMOTIF***

Oleh
Miftakul Huda

S.E. Sekolah Tinggi Ilmu Ekonomi Pelita Bangsa, 2015
M.M. Universitas Mercu Buana, 2018

Sebuah Disertasi yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Doktor
Pendidikan (Dr.) pada Fakultas Pendidikan Ekonomi dan Bisnis

© Miftakul Huda, 2025
Universitas Pendidikan Indonesia
Agustus 2025

Hak Cipta dilindungi undang-undang.
Disertasi ini tidak boleh diperbanyak seluruhnya atau sebagian,
dengan dicetak ulang, difoto kopi, atau cara lainnya tanpa ijin dari penulis.

LEMBAR PENGESAHAN
MODEL LEAGILITY STRATEGY DAN SUPPLY CHAIN
ADAPTIVE PROGRAM UNTUK MENINGKATKAN KINERJA
PERUSAHAAN SPAREPART OTOMOTIF

Disertasi ini disetujui dan disahkan oleh:

Promotor



Prof. Dr. H. Agus Rahayu, M.P.
NIP.196206071987031002

Co-Promotor



Dr. Chairul Furqon, S.Sos., MM.
NIP.197206152003121009

Anggota Promotor



Dr. H. Mokh Adib Sultan, ST., MT.
NIP. 198103102009122002

Mengetahui,
Ketua Program Studi Manajemen



Dr. Maya Sari, S.E., M.M.
NIP. 19710705200212200

ABSTRAK

Miftakul Huda, 2208634. Model *Leagility Strategy* dan *Supply Chain Adaptive Program* untuk Meningkatkan Kinerja Perusahaan Sparepart Otomotif, dibawah bimbingan Prof. Prof. Dr. H. Agus Rahayu, M.P.; Dr. Chairul Furqon, S.Sos., MM.; Dr. H. Mokh Adib Sultan, ST., MT.

Industri otomotif di Indonesia menghadapi tantangan yang tidak mudah. Terutama perusahaan sparepart dan komponennya dalam persaingan bisnis saat ini, Hal ini berdampak kepada kinerja perusahaan menjadi fluktuatif. Persaingan bisnis pada saat ini, memacu perusahaan agar mampu menghasilkan produk berkualitas yang dibutuhkan oleh konsumen. Untuk memenangkan persaingan dan mencapai keberhasilan organisasi, diperlukan strategi yang tepat. Penelitian ini bertujuan untuk menguji pengaruh Mediasi *Leagility Strategy* dan *Supply Chain Adaptive Program* untuk Meningkatkan Kinerja Perusahaan Sparepart Otomotif. Penelitian ini menggunakan pendekatan kuantitatif dalam bentuk survey. Proses penentuan sampel dalam penelitian ini didasarkan pada pemenuhan persyaratan jumlah sampel minimum yang diperlukan dalam analisis menggunakan metode CB-SEM Structural Equation Modeling (SEM). Total sampel sebanyak 209 responden dan dianalisis lebih lanjut menggunakan CB-SEM AMOS 24. Hasil penelitian menunjukkan bahwa terdapat pengaruh tidak langsung market orientation dan quality management control capability terhadap kinerja perusahaan melalui dua variabel mediasi yaitu *leagility strategy* dan *supply chain adaptive program*. Dengan pendekatan integratif ini, model baru yang dihasilkan mempertegas bahwa kinerja perusahaan membutuhkan kerangka kerja yang holistik, mencakup *Leagility Strategy* dan *Supply Chain Adaptive Program*. Selain itu juga didapatkan indikasi bahwa *leagility strategy* mempengaruhi perusahaan dalam memformulasikan strategi perusahaan serta semakin baik market orientation dan quality management control capability di perusahaan maka akan berdampak langsung dalam formulasi strategi perusahaan. Penelitian ini dapat menjadi referensi untuk mengembangkan manajemen strategis, khususnya dalam meningkatkan kinerja perusahaan dengan memanfaatkan orientasi pasar dan meningkatkan kemampuan pengendalian manajemen mutu. Elemen-elemen tersebut sangat penting dalam merumuskan *leagility startegy* yang diimplementasikan melalui *supply chain adaptive program*.

Kata Kunci : *Market Orientation, quality management control capability, leagility strategy, supply chain adaptive program, Firm Performance*

ABSTRACT

Miftakul Huda, 2208634. *Model of Leagility Strategy and Supply Chain Adaptive Program to Improve the Performance of Automotive Spare Parts Company*, supervised by Prof. Prof. Dr. H. Agus Rahayu, M.P.; Dr. Chairul Furqon, S.Sos., MM.; Dr. H. Mokh Adib Sultan, ST., MT.

The automotive industry in Indonesia faces challenges that are not easy. Especially spare parts and components companies in the current business competition, this has an impact on the company's performance to fluctuate. Business competition at this time, spurs the company to be able to produce quality products needed by consumers. To win the competition and achieve organizational success, the right strategy is needed. This study aims to examine the mediating effect of Leagility Strategy and Supply Chain Adaptive Program to Improve the Performance of Automotive Spare Parts Companies. This study uses a quantitative approach in the form of a survey. The sample selection process in this study is based on meeting the minimum sample size requirements needed for analysis using the CB-SEM Structural Equation Modeling (SEM) method. The total sample consisted of 209 respondents and was further analyzed using CB-SEM AMOS 24. The results of the study indicate that there is an indirect influence of market orientation and quality management control capability on company performance through two mediating variables, namely leagility strategy and supply chain adaptive program. With this integrative approach, the new model emphasizes that company performance requires a holistic framework, encompassing Leagility Strategy and Supply Chain Adaptive Program. Additionally, it was found that leagility strategy influences companies in formulating corporate strategies, and the better the market orientation and quality management control capability within a company, the more direct the impact on corporate strategy formulation. This research can serve as a reference for developing strategic management, particularly in enhancing company performance by leveraging market orientation and improving quality management control capabilities. These elements are crucial in formulating a leagility strategy implemented through a supply chain adaptive program..

Keywords: Market Orientation, quality management control capability, leagility strategy, supply chain adaptive program, Firm Performance.

DAFTAR ISI

LEMBAR PENGESAHAN.....	ii
PERNYATAAN.....	iii
KATA PENGANTAR.....	iv
UCAPAN TERIMA KASIH.....	v
ABSTRAK.....	viii
ABSTRACT.....	ix
DAFTAR ISI.....	x
BAB I PENDAHULUAN.....	1
1.1 Latar Belakang Penelitian	1
1.2 Rumusan Masalah	17
1.3. Tujuan Penelitian	17
1.4 Kegunaan Penelitian	18
1.5 Sistematika Organisasi Proposal Disertasi.....	19
BAB II KAJIAN PUSTAKA, KERANGKA PEMIKIRAN, DAN HIPOTESIS.....	20
2.1 Kajian Pustaka.....	20
2.1.1 Manajemen Strategik.....	20
2.1.2 Firm Performance.....	26
2.1.3 Supply Chain Adaptive Program.....	31
2.1.4 Leagility Strategy	42
2.1.5 Quality Management Control Capability	48
2.1.6 Market Orientation.....	50
2.2 Kerangka Pemikiran.....	54
2.3 Hipotesis.....	59
BAB III METODE PENELITIAN.....	61
3.1. Objek dan Subjek Penelitian	61
3.2. Metode Penelitian	62
3.2.1 Jenis dan Metode Penelitian yang Digunakan	62
3.2.2 Operasional Variabel.....	63
3.2.3 Jenis dan Sumber Data.....	72

3.2.4	Populasi dan Sampel	73
3.2.5	Teknik Pengumpulan Data	75
3.2.6	Pengujian Validitas dan Reliabilitas.....	76
3.2.7	Teknik Analisis Data	83
BAB IV TEMUAN PENELITIAN.....		94
4.1	Hasil Penelitian	94
4.1.1	Profil Industri/Perusahaan dan Karakteristik Responden	94
4.1.1.1	Profil Industri Sparepart dan Komponen Otomotif	94
4.1.1.2	Karakteristik Responden	96
4.1.2	Hasil Penelitian Deskriptif	106
4.1.2.1	Hasil Temuan Penelitian Variabel Market Orientation	106
4.1.2.2	Hasil Temuan Penelitian Variabel <i>Quality Management Control Capability</i>	117
4.1.2.3	Hasil Temuan Penelitian Variabel Leagility Strategy	126
4.1.2.4	Hasil Temuan Penelitian Variabel <i>Supply Chain Adaptive Program</i>	136
4.1.2.5	Hasil Temuan Penelitian Variabel Firm Performance	147
4.1.3	Kajian Penelitian Verifikatif	154
4.1.3.1	Uji Asumsi.....	155
4.1.3.2	Structural Equation Modeling.....	159
BAB V PEMBAHASAN		196
5.1	Pembahasan.....	196
5.2.1	Pembahasan Hasil Penelitian Deskriptif	196
5.2.2	Pembahasan Hasil Pengujian Hipotesis.....	203
5.2.3	Implikasi Hasil Penelitian.....	213
5.2.4	Novelty Penelitian.....	225
5.2.5	Keterbatasan Penelitian	233
BAB VI SIMPULAN, IMPLIKASI, DAN REKOMENDASI		234
6.1	Simpulan	234
6.2	Implikasi.....	238
6.3	Rekomendasi	239
DAFTAR PUSTAKA.....		242
KUESIONER INSTRUMEN PENELITIAN.....		266

DAFTAR TABEL

Tabel 2. 1 Ruang Lingkup Kinerja Perusahaan	29
Tabel 2. 2 Supply Chain dalam RBV, Dinamic Capability dan Stakeholder Teori	32
Tabel 3. 1 Operasional Variabel.....	64
Tabel 3. 2 Uji Validitas Variabel Market Orientation.....	79
Tabel 3. 3 Uji Validitas Variabel Quality Management Control Capability.....	79
Tabel 3. 4 Uji Validitas Variable Leagility Strategy.....	80
Tabel 3. 5 Uji Validitas Variabel Supply Chain Adaptive Program	80
Tabel 3. 6 Uji Validitas Variabel Firm Performance	81
Tabel 3. 7 Uji Reliabilitas	83
Tabel 3. 8 Analisis Deskriptif	84
Tabel 3. 9 Kategori Interpretasi Persepsi Responden	85
Tabel 3. 10 Kriteria Uji Goodness of Fit	88
 Tabel 4. 1 Rekapitulasi Dimensi dan Indikator Variabel Market Orientation	108
Tabel 4. 2 Tanggapan Responden Dimensi Customer Orientation.....	111
Tabel 4. 3 Tanggapan Responden Dimensi Competitor Orientation	113
Tabel 4. 4 tanggapan Responden Dimensi Functional Coordination.....	115
Tabel 4. 5 Rekapitulasi Dimensi dan Indikator Variabel Quality Management Control Capability	118
Tabel 4. 6 Tanggapan Responden Dimensi Process Quality Management	121
Tabel 4. 7 Tanggapan Responden Dimensi Quality Empowerment	123
Tabel 4. 8 Tanggapan Responden Dimensi Information Usage	125
Tabel 4. 9 Rekapitulasi Dimensi dan Indikator Variabel Leagility Strategy	128
Tabel 4. 10 Tanggapan Responden Dimensi Flexibility	130
Tabel 4. 11 Tanggapan Responden Dimensi Elimination of Waste	132
Tabel 4. 12 Tanggapan Responden Dimensi Strategic Planning	134
Tabel 4. 13 Rekapitulasi Dimensi dan Indikator Variabel Supply Chain Adaptive Program	138
Tabel 4. 14 Tanggapan Responden Dimensi Supplier Partership.....	140
Tabel 4. 15 Tanggapan Responden Dimensi Customer Relationship.....	142
Tabel 4. 16 Tanggapan Responden Dimensi Information Sharing	144
Tabel 4. 17 Tanggapan Responden Dimensi Integration Intensity	146
Tabel 4. 18 Rekapitulasi Dimensi dan Indikator Variabel Firm Performance.....	148
Tabel 4. 19 Tanggapan Responden Dimensi Growth	150
Tabel 4. 20 Tanggapan Responden Dimensi Persfektif Keuangan.....	152
Tabel 4. 21 Tanggapan Responden Dimensi Customer Performance.....	153
Tabel 4. 22 Hasil Uji Normalitas Data.....	155
Tabel 4. 23 Hasil Pengujian Outliers Data.....	158
Tabel 4. 24 Output Kalkulasi Parameter SEM AMOS	161
Tabel 4. 25 Output Standardized Regression Weights.....	162

Tabel 4. 26 Penghitungan CR dan AVE	165
Tabel 4. 27 Hasil Evaluasi Gof Model CFA Market Orientation	165
Tabel 4. 28 Penghitungan CR dan AVE Quality Management Control Capability	168
Tabel 4. 29 Hasil Evaluasi Gof Model Quality Management Control Capability	168
Tabel 4. 30 Modification Index Quality Management Control Capability	169
Tabel 4. 31 Hasil Evaluasi GoF Quality Management Control Capability.....	171
Tabel 4. 32 Perhitungan CR dan AVE Leagility Strategy	173
Tabel 4. 33 Hasil Evaluasi GoF Leagility Strategy.....	174
Tabel 4. 34 Modification Index Leagility Strategy	174
Tabel 4. 35 Hasil Evaluasi GoF Konstruk Leagility Strategy.....	175
Tabel 4. 36 Perhitungan CR dan AVE Supply Chain Adaptive Program.....	177
Tabel 4. 37 Hasil Evaluasi GoF Supply Chain Adaptive Program	178
Tabel 4. 38 Penghitungan CR dan AVE Firm Performance	181
Tabel 4. 39 Hasil Evaluasi GoF Model Firm Performance.....	181
Tabel 4. 40 Modification Index Konstruk Firm Performance.....	182
Tabel 4. 41 Tabel Evaluasi Goodness of Fit Konstruk Firm Performance	183
Tabel 4. 42 Hasil Evaluasi Goodness of Fit Full Model	185
Tabel 4. 43 Hasil Estimasi Full Model Penelitian	187
Tabel 4. 44 Hasil Evaluasi Goodness of Fit Full Model Penelitian	188
Tabel 4. 45 Analisis Uji Hipotesis Full Model	189
Tabel 4. 46 Hasil Estimasi Uji Hipotesis Penelitian 1	189
Tabel 4. 47 Hasil Estimasi Uji Hipotesis Penelitian 2	191
Tabel 4. 48 Hasil Uji Hipotesis Supply Chain Adaptive Program dan Leagility Strategy Memediasi Market Orientation terhadap Firm Performance	195
Tabel 4. 49 Hasil Estimasi Uji Hipotesis Supplay Chain Adaptive Program dan Leagility Strategy Memediasi Quality Management Control Capability terhadap Firm Performance.....	194

DAFTAR GAMBAR

Gambar 1. 1 Produksi dan Penjualan Mobil	2
Gambar 1. 2 Pesanan Produksi terhadap Realisasi Produksi dan Penyerahan Hasil Produksi Supplier Otomotif.....	4
Gambar 3. 1 Model Persamaan Struktural	86
Gambar 3. 2 Model Pengaruh Market Orientation terhadap Firm Performnace....	89
Gambar 3. 3 Model Pengaruh Quality Management Control Capability terhadap Firm Performance	90
Gambar 3. 4 Model Mediasi Leagility Startegy dan Supply Chain Adaptive Program pada Market Orientation terhadap Firm Performnace	93
Gambar 3. 5 Model Mediasi Leagility Strategy dan Supply Chain Adaptive Program pada Quality Management Control Capability terhadap Firm Performance.....	91
Gambar 4. 1 Data Produksi Otomotif Januari - November 2024.....	94
Gambar 4. 2 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Lokasi.....	96
Gambar 4. 3 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Lama Perusahaan Berdiri	98
Gambar 4. 4 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Badan Hukum Perusahaan	99
Gambar 4. 5 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Badan Hukum Perusahaan	100
Gambar 4. 6 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Gender	101
Gambar 4. 7 Profil Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Usia	102
Gambar 4. 8 Profil Responden Perusahan Sparepart dan Komponen Otomotif Berdasarkan Pendidikan Formal	104
Gambar 4. 9 Profil Responden Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Jabatan.....	105
Gambar 4. 10 Profil Responden Perusahaan Sparepart dan Komponen Otomotif Berdasarkan Pengalaman/Lama Bekerja.....	106
Gambar 4. 11 Gambaran Market Orientation Perusahaan Sparepart dan Komponen Otomotif	107
Gambar 4. 12 Garis Continuum Market Orientation (MO)	110
Gambar 4. 13 Gambaran Quality Management Control Capability Perusahaan Sparepart dan Komponen Otomotif	117
Gambar 4. 14 Garis Continuum Quality Management Control Capability (QMCC)	120

Gambar 4. 15 Gambaran Leagility Strategy Perusahaan Sparepart dan Komponen Otomotif	127
Gambar 4. 16 Garis Continuum Leagility Strategy (LS)	129
Gambar 4. 17 Gambaran Suplly Chain Adaptive Program Perusahaan Sparepart dan Komponen Otomotif	137
Gambar 4. 18 Garis Continuum Suplly Chain Adaptive Program (SCAP)	140
Gambar 4. 19 Gambaran Firm Performance Perusahaan Sparepart dan Komponen Otomotif	147
Gambar 4. 20 Garis Continuum Firm Performance	150
Gambar 4. 21 Matrik Korelasi	159
Gambar 4. 22 Model Penelitian	160
Gambar 4. 23 Model CFA MO	164
Gambar 4. 24 Model CFA Quality Mangement Control Capability.....	167
Gambar 4. 25 Model Re-Spesifikasi Kontruk Quality Management Control Capability	170
Gambar 4. 26 Model CFA Leagility Strategy	172
Gambar 4. 27 Model Re-Spesifikasi Konstruk Leagility Strategy	175
Gambar 4. 28 Model CFA Supply Chain Adaptive Program	177
Gambar 4. 29 Model CFA Firm Performance	180
Gambar 4. 30 Model Re-Spesifikasi Firm Performance.....	183
Gambar 4. 31 Full Model Struktural	185
Gambar 4. 32 Re-Spesifikasi Model Struktural Penelitian	186
Gambar 5. 1 Novelty Model Disertasi.....	231

DAFTAR LAMPIRAN

Lampiran 1 Kuesioner Penelitian

Lampiran 2 Hasil Pengolahan Data

DAFTAR PUSTAKA

- Abdul Rasib, Nur Fathin Nadira, Veera Pandiyan Kaliani Sundram, and Shereene Noranee. 2021. "Competitive Advantage Fostering Supply Chain Innovation." *International Journal of Academic Research in Accounting, Finance and Management Sciences* 11(1). doi:10.6007/ijarafms/v11-i1/8852.
- Abdulkarim Kanaan-Jebna, Ahamd Suhaimi Baharudi, and Tariq Tawfeeq Yousif Alabdullah. 2021. "Entrepreneurial Orientation, Market Orientation, Managerial Accounting and Manufacturing SMEs Satisfaction." *Journal of Accounting Science* 6(1):1–14. doi:10.21070/jas.v6i1.1590.
- Abeysekara, Nadeesha, Haijun Wang, and Duminda Kuruppuarachchi. 2019. "Effect of Supply-Chain Resilience on Firm Performance and Competitive Advantage." *Business Process Management Journal* 25(7):1673–95. doi:10.1108/BPMJ-09-2018-0241.
- Abrokwah-Larbi, Kwabena, and Yaw Awuku-Larbi. 2024. "The Impact of Artificial Intelligence in Marketing on the Performance of Business Organizations: Evidence from SMEs in an Emerging Economy." *Journal of Entrepreneurship in Emerging Economies* 16(4):1090–1117. doi:10.1108/JEEE-07-2022-0207.
- Adem, Mulugeta Kebede, and Sandeep Singh Viridi. 2023. "The Structural Link between TQM Practices and Financial Performance: The Mediating Role of Operational Performance." *International Journal of Quality & Reliability Management* ahead-of-print(ahead-of-print). doi:10.1108/IJQRM-08-2021-0290.
- Afonso Vieira, Valter, Jeremy S. Wolter, Clécio Falcão Araujo, and Ricardo Saraiva Frio. 2023. "What Makes the Corporate Social Responsibility Impact on Customer–Company Identification Stronger? A Meta-Analysis." *International Journal of Research in Marketing* 40(2):475–92. doi:10.1016/j.ijresmar.2022.09.002.
- Afraz, M. F., S. H. Bhatti, A. Ferraris, and J. Couturier. 2021. "The Impact of Supply Chain Innovation on Competitive Advantage in the Construction Industry: Evidence from a Moderated Multi-Mediation Model." *Technological Forecasting and Social Change*,.
- Ahammad, Mohammad Faisal, Shubhabrata Basu, Surender Munjal, Jeremy Clegg, and Ofra Bazel Shoham. 2021. "Strategic Agility, Environmental Uncertainties and International Performance: The Perspective of Indian Firms." *Journal of World Business* 56(4):101218. doi:10.1016/j.jwb.2021.101218.

- Ahmed, Waqar. 2022a. "Understanding Alignment between Lean and Agile Strategies Using Triple-A Model." *International Journal of Productivity and Performance Management* 71(5):1810–28. doi:10.1108/IJPPM-04-2020-0176.
- Ahmed, Waqar. 2022b. "Understanding Alignment between Lean and Agile Strategies Using Triple-A Model." *International Journal of Productivity and Performance Management* 71(5):1810–28. doi:10.1108/IJPPM-04-2020-0176.
- Ahmed, Waqar, Arsalan Najami, Suhaiza Zailani, and Shahab Uddin. 2020a. "Enhancing Performance through Total Quality Management in Pharmaceutical Manufacturing Industry of Pakistan." *International Journal of Productivity and Quality Management* 1(1):1. doi:10.1504/IJPQM.2020.10028603.
- Ahmed, Waqar, Arsalan Najami, Suhaiza Zailani, and Shahab Uddin. 2020b. "Enhancing Performance through Total Quality Management in Pharmaceutical Manufacturing Industry of Pakistan." *International Journal of Productivity and Quality Management* 1(1):1. doi:10.1504/IJPQM.2020.10028603.
- Ahmed, Waqar, and Muhammad Zaki Rashdi. 2020. "Understanding the Influence of Lean and Agile Strategies on Creating Firms' Supply Chain Risk Management Capabilities." *Competitiveness Review* 31(5):810–31. doi:10.1108/CR-03-2020-0040.
- Ahmed, Waqar, and Muhammad Zaki Rashdi. 2021. "Understanding the Influence of Lean and Agile Strategies on Creating Firms' Supply Chain Risk Management Capabilities." *Competitiveness Review: An International Business Journal* 31(5):810–31. doi:10.1108/CR-03-2020-0040.
- Ahuja, Gautam. 2000. "Collaboration Networks, Structural Holes, and Innovation: A Longitudinal Study." *Administrative Science Quarterly* 45(3):425–55. doi:10.2307/2667105.
- ALfarajat, Jihad Mousa. 2023. "Supply Chain Agility and Market Orientation: The Best Approaches Leading to SMEs Performance." *Uncertain Supply Chain Management* 11(3):1065–74. doi:10.5267/j.uscm.2023.4.015.
- Alghamdi, Faris. 2018. "Total Quality Management and Organizational Performance: A Possible Role of Organizational Culture." *International Journal of Business Administration* 9(4):186. doi:10.5430/ijba.v9n4p186.
- Alhakimi, Wail, and Mohammed Mahmoud. 2020. "The Impact of Market Orientation on Innovativeness: Evidence from Yemeni SMEs." *Asia Pacific*

- Journal of Innovation and Entrepreneurship* 14(1):47–59. doi:10.1108/APJIE-08-2019-0060.
- Ali, Gamal Abdualmajed, Haim Hilman, and Abdullahi Hassan Gorondutse. 2020a. “Effect of Entrepreneurial Orientation, Market Orientation and Total Quality Management on Performance.” *Benchmarking: An International Journal* 27(4):1503–31. doi:10.1108/BIJ-08-2019-0391.
- Ali, Gamal Abdualmajed, Haim Hilman, and Abdullahi Hassan Gorondutse. 2020b. “Effect of Entrepreneurial Orientation, Market Orientation and Total Quality Management on Performance: Evidence from Saudi SMEs.” *Benchmarking* 27(4):1503–31. doi:10.1108/BIJ-08-2019-0391.
- Alkalha, Ziad, Iain Reid, and Benjamin Dehe. 2019. “The Role of Absorptive Capacity within Supply Chain Quality Integration.” *Supply Chain Management: An International Journal* 24(6):805–20. doi:10.1108/SCM-10-2018-0375.
- Alkandi, Ibrahim, and Majed A. Helmi. 2024. “The Impact of Strategic Agility on Organizational Performance: The Mediating Role of Market Orientation and Innovation Capabilities in Emerging Industrial Sector.” *Cogent Business & Management* 11(1). doi:10.1080/23311975.2024.2396528.
- Alkhatib N.A., Saleh; Fahed. 2021. “An Advanced Fuzzy Approach for Assessing Supply Chain Resilience in Developing Economies.” *International Journal of Operational Research* 1(1):1. doi:10.1504/IJOR.2021.10044173.
- Alkhatib, Saleh Fahed, and Rahma Asem Momani. 2023. “Supply Chain Resilience and Operational Performance: The Role of Digital Technologies in Jordanian Manufacturing Firms.” *Administrative Sciences* 13(2). doi:10.3390/admsci13020040.
- Alkhawaldah, Reyad A., Feras S. ALShalabi, Ziad Ali Eid Alshawabkeh, Hamzeh Yuosef Saleh Alsha’ar, Mahmoud Yahya Alzoubi, Rawan Odeh Alshawabkeh, and Mohammad Ahmed Mohammad AL Dweiri. 2023. “The Mediating Role of Organizational Capabilities on the Relationship between Lean Supply Chain and Operational Performance.” *Uncertain Supply Chain Management* 11(1):11–20. doi:10.5267/j.uscm.2022.12.005.
- Allal-Chérif, Oihab, Virginia Simón-Moya, and Antonio Carlos Cuenca Ballester. 2021. “Market Orientation and Performance: A Meta-Analysis and Cross-National Comparisons.” *Journal of Business Research* 124:69–76. doi:10.1016/j.jbusres.2020.11.050.
- ALTaweel, Ibrahim, and Sulieman Al-Hawary. 2021. “The Mediating Role of Innovation Capability on the Relationship between Strategic Agility and

- Organizational Performance.” *Sustainability* 13(14):7564. doi:10.3390/su13147564.
- Alves, M. D. C. G., and M. M. M. Rodrigues. 2019. “Corporate Social Responsibility: An Integrative Approach in the Mining Industry. In Corporate Social Responsibility: Concepts, Methodologies, Tools, and Applications.” *IGI Global* 1135–54.
- Amit, R., and P. J. Schoemaker. 1993. “Strategic Assets and Organization Rent.” *Strategic Management Journal* 14(1):33–46.
- Andreeva, Tatiana, and Paavo Ritala. 2016. “What Are the Sources of Capability Dynamism? Reconceptualizing Dynamic Capabilities from the Perspective of Organizational Change.” *Baltic Journal of Management* 11(3):238–59. doi:10.1108/BJM-02-2015-0049.
- Anitah, Juma Nasambu, Stephen Onserio Nyamwange, Peterson Obara Magutu, Michael Chirchir, and James Mauti Mose. 2019a. *INDUSTRY 4.0 TECHNOLOGIES AND OPERATIONAL PERFORMANCE OF UNILEVER KENYA AND L'OREAL EAST AFRICA*. Vol. 03.
- Anitah, Juma Nasambu, Stephen Onserio Nyamwange, Peterson Obara Magutu, Michael Chirchir, and James Mauti Mose. 2019b. *INDUSTRY 4.0 TECHNOLOGIES AND OPERATIONAL PERFORMANCE OF UNILEVER KENYA AND L'OREAL EAST AFRICA*. Vol. 03.
- Araújo, Cíntia Cristina Silva de, Cristiane Drebes Pedron, and Claudia Bitencourt. 2018. “Identifying and Assessing the Scales of Dynamic Capabilities: A Systematic Literature Review.” *Revista de Gestao* 25(4):390–412. doi:10.1108/REGE-12-2017-0021.
- Arik, Murat, Leigh Anne Clark, and Deana M. Raffo. 2016. *STRATEGIC RESPONSES OF NON-PROFIT ORGANIZATIONS TO THE ECONOMIC CRISIS: EXAMINING THROUGH THE LENSES OF RESOURCE DEPENDENCY AND RESOURCED-BASED VIEW THEORIES*. Vol. 15.
- Arlbjørn, Jan Stentoft, Henning de Haas, and Kristin Balslev Munksgaard. 2020. “Exploring Supply Chain Innovation.” *Logistics Research* 3(1):3–18. doi:10.1007/s12159-010-0044-3.
- Assensoh-Kodua, Akwesi. 2019. “The Resource-Based View: A Tool of Key Competency for Competitive Advantage.” *Problems and Perspectives in Management* 17(3):143–52. doi:10.21511/ppm.17(3).2019.12.
- Ates, Aylin, and Umit Bititci. 2019. “Change Process: A Key Enabler for Building Resilient SMEs.” *International Journal of Production Research* 49(18):5601–18. doi:10.1080/00207543.2011.563825.

- Bag, Surajit, Arnesh Telukdarie, J. H. C. Pretorius, and Shivam Gupta. 2018. "Industry 4.0 and Supply Chain Sustainability: Framework and Future Research Directions." *Benchmarking: An International Journal* BIJ-03-2018-0056. doi:10.1108/BIJ-03-2018-0056.
- Barney, J. B. 1991. "Firm Resources and Sustained Competitive Advantage." *Journal of Management* 17:99–120.
- Barney, J. B. 1996. "The Resource-Based Theory of the Firm." *Organization Science* 7(5).
- Barney, Jay, Mike Wright, and David J. Ketchen. 2001. "The Resource-Based View of the Firm: Ten Years after 1991." *Journal of Management* 27(6):625–41. doi:10.1177/014920630102700601.
- Bartoloni, Sara, Ernesto Calò, Luca Marinelli, Federica Pascucci, Luca Dezi, Elias Carayannis, Gian Marco Revel, and Gian Luca Gregori. 2022. "Digital Market Orientation: Conceptualization and Scale Development" *Technovation* 113:102413. doi:10.1016/j.technovation.2021.102413.
- Belhadi, Amine, Sachin Kamble, Charbel Jose Chiappetta Jabbour, Angappa Gunasekaran, Nelson Oly Ndubisi, and Mani Venkatesh. 2021a. "Manufacturing and Service Supply Chain Resilience to the COVID-19 Outbreak: Lessons Learned from the Automobile and Airline Industries." *Technological Forecasting and Social Change* 163:120447. doi:10.1016/j.techfore.2020.120447.
- Belhadi, Amine, Sachin Kamble, Charbel Jose Chiappetta Jabbour, Angappa Gunasekaran, Nelson Oly Ndubisi, and Mani Venkatesh. 2021b. "Manufacturing and Service Supply Chain Resilience to the COVID-19 Outbreak: Lessons Learned from the Automobile and Airline Industries." *Technological Forecasting and Social Change* 163:120447. doi:10.1016/j.techfore.2020.120447.
- Benitez, Guilherme Brittes, Mateus Ferreira-Lima, Néstor F. Ayala, and Alejandro G. Frank. 2022. "Industry 4.0 Technology Provision: The Moderating Role of Supply Chain Partners to Support Technology Providers." *Supply Chain Management: An International Journal* 27(1):89–112. doi:10.1108/SCM-07-2020-0304.
- Besterfield, Dale. H., Carol Besterfield, Glen. H. Besterfield, and Mary Besterfield. 2004. *Total Quality Management*. 3rd ed. Pearson Education.
- Birkel, Hendrik Sebastian, and Evi Hartmann. 2019. "Impact of IoT Challenges and Risks for SCM." *Supply Chain Management: An International Journal* 24(1):39–61. doi:10.1108/SCM-03-2018-0142.

- Bleady, Abbas, Abdel Hafiez Ali Hasaballah, and Siddig Balal Ibrahim. 2018. *Dynamic Capabilities Theory: Pinning down a Shifting Concept*. <https://www.researchgate.net/publication/325257001>.
- Blome, Constantin, Tobias Schoenherr, and Daniel Rexhausen. 2013. "Antecedents and Enablers of Supply Chain Agility and Its Effect on Performance: A Dynamic Capabilities Perspective." *International Journal of Production Research* 51(4):1295–1318. doi:10.1080/00207543.2012.728011.
- Brand, Marco, Victor Tiberius, Peter M. Bican, and Alexander Brem. 2021a. "Agility as an Innovation Driver: Towards an Agile Front End of Innovation Framework." *Review of Managerial Science* 15(1):157–87. doi:10.1007/s11846-019-00373-0.
- Brand, Marco, Victor Tiberius, Peter M. Bican, and Alexander Brem. 2021b. "Agility as an Innovation Driver: Towards an Agile Front End of Innovation Framework." *Review of Managerial Science* 15(1):157–87. doi:10.1007/s11846-019-00373-0.
- Brosseau, Daniel, Sherina Ebrahim, Christopher Handscomb, and Shail Thaker. 2019. *The Journey to an Agile Organization*.
- Bryson, John M., Lauren Hamilton Edwards, and David M. Van Slyke. 2018. "Getting Strategic about Strategic Planning Research." *Public Management Review* 20(3):317–39. doi:10.1080/14719037.2017.1285111.
- Buli, B.M. 2017. "Entrepreneurial Orientation, Market Orientation and Performance of SMEs in the Manufacturing Industry: Evidence from Ethiopian Enterprises." *Management Research Review* 40(3):292–309.
- Buli, Bereket Mamo. 2017. "Entrepreneurial Orientation, Market Orientation and Performance of SMEs in the Manufacturing Industry." *Management Research Review* 40(3):292–309. doi:10.1108/MRR-07-2016-0173.
- Burvill, Samantha Marie, Dylan Jones-Evans, and Hefin Rowlands. 2018. "Reconceptualising the Principles of Penrose's (1959) Theory and the Resource Based View of the Firm: The Generation of a New Conceptual Framework." *Journal of Small Business and Enterprise Development* 25(6):930–59. doi:10.1108/JSBED-11-2017-0361.
- Carroll, Archie B., and Jill A. Brown. 2018. "Corporate Social Responsibility: A Review of Current Concepts, Research, and Issues." Pp. 39–69 in.
- Castillo, Cristian. 2023. "Is There a Theory of Supply Chain Resilience? A Bibliometric Analysis of the Literature." *International Journal of Operations & Production Management* 43(1):22–47. doi:10.1108/IJOPM-02-2022-0136.

- Cetinkaya, Balkan, Richard Cuthbertson, Graham Ewer, Thorsten Klaas-Wissing, Wojciech Piotrowicz, and Christoph Tyssen. 2016. *Sustainable Supply Chain Management*. London: Springer Heidelberg Dordrecht.
- Chandak, Amit, Sumit Chandak, and A. Dalpati. 2021. "Evaluation of Impact of Success Factors of Supply Chain Strategy and Flexibility on Supply Chain Performance." *Pakistan Journal of Statistics and Operation Research* 17(1):185–94. doi:10.18187/pjsor.v17i1.2874.
- Chen, Tse-Lun, Hyunook Kim, Shu-Yuan Pan, Po-Chih Tseng, Yi-Pin Lin, and Pen-Chi Chiang. 2020. "Implementation of Green Chemistry Principles in Circular Economy System towards Sustainable Development Goals: Challenges and Perspectives." *Science of The Total Environment* 716:136998. doi:10.1016/j.scitotenv.2020.136998.
- Cheng, Colin C. J. 2020. "Sustainability Orientation, Green Supplier Involvement, and Green Innovation Performance: Evidence from Diversifying Green Entrants." *Journal of Business Ethics* 161(2):393–414. doi:10.1007/s10551-018-3946-7.
- Chopra, Ashok. 2019. "AI in Supply & Procurement." Pp. 308–16 in *2019 Amity International Conference on Artificial Intelligence (AICAI)*. IEEE.
- Choudhary, Kailash, Narpal Ram Sangwa, Kuldip Singh Sangwan, and Rajesh Kr Singh. 2022. "Impact of Lean and Quality Management Practices on Supply Chain Performance: An Empirical Study on Ceramic Enterprises." *Quality Management Journal* 29(3):193–211. doi:10.1080/10686967.2022.2083036.
- Christopher, Martin, and Helen Peck. 2020. "Building the Resilient Supply Chain." *The International Journal of Logistics Management* 15(2):1–14. doi:10.1108/09574090410700275.
- Chu, Niansheng, Xiang Nie, Jiang Xu, and Kunlin Li. 2021. "A Systematic Approach of Lean Supply Chain Management in Shipbuilding." *SN Applied Sciences* 3(5):572. doi:10.1007/s42452-021-04562-z.
- Clauss, Thomas, Michael Abebe, Chanchai Tangpong, and Marianne Hock. 2021. "Strategic Agility, Business Model Innovation, and Firm Performance: An Empirical Investigation." *IEEE Transactions on Engineering Management* 68(3):767–84. doi:10.1109/TEM.2019.2910381.
- Cogollo-Flórez, Juan M., and Alexander A. Correa-Espinal. 2019. "Analytical Modeling of Supply Chain Quality Management Coordination and Integration: A Literature Review." *Quality Management Journal* 26(2):72–83. doi:10.1080/10686967.2019.1580553.

- Cousins, Brad. 2018. *DESIGN THINKING: ORGANIZATIONAL LEARNING IN VUCA ENVIRONMENTS*. Vol. 17.
- Dantas, T. E. T., E. D. de-Souza, I. R. Destro, G. Hammes, C. M. T. Rodriguez, and S. R. Soares. 2021. "How the Combination of Circular Economy and Industry 4.0 Can Contribute towards Achieving the Sustainable Development Goals." *Sustainable Production and Consumption* 26:213–27. doi:10.1016/j.spc.2020.10.005.
- E. D. Beinhocker. 2006. *The Adaptable Corporation*. McKinsey Quarterly .
- Elali, Wajeeh. 2021. "The Importance of Strategic Agility to Business Survival During Corona Crisis and Beyond." *International Journal of Business Ethics and Governance* 1–8. doi:10.51325/ijbeg.v4i2.64.
- Elia, Gianluca, Alessandro Margherita, and Claudio Petti. 2020. "Building Responses to Sustainable Development Challenges: A Multistakeholder Collaboration Framework and Application to Climate Change." *Business Strategy and the Environment* 29(6):2465–78. doi:10.1002/bse.2514.
- Fadaki, Masih, Shams Rahman, and Caroline Chan. 2020. "Leagile Supply Chain: Design Drivers and Business Performance Implications." *International Journal of Production Research* 58(18):5601–23. doi:10.1080/00207543.2019.1693660.
- Fang, S. R., E. Chang, and C. H. Chou. 2019. "Revisiting Internal Market Orientation in Family Firms." *European Journal of Family Business* 9(1). doi:10.24310/ejfbefb.v9i1.5468.
- Ferdinand, Augusty. 2014a. *Metode Penelitian Manajeme*. Semarang: BP Universitas Diponegoro.
- Ferdinand, Augusty. 2014b. *STRUCTURAL EQUATION MODELING*. Edisi 5. Semarang: Badan Penerbit Universitas Diponegoro.
- Fernandes, Ana Cristina, Paulo Sampaio, Maria Sameiro, and Huy Quang Truong. 2017. "Supply Chain Management and Quality Management Integration." *International Journal of Quality & Reliability Management* 34(1):53–67. doi:10.1108/IJQRM-03-2015-0041.
- Fikri, Amar Reza, Ririn Tri Ratnasari, Aidi Ahmi, and Kusuma Chandra Kirana. 2022. "Market Orientation and Business Performance: The Mediating Role of Total Quality Management and Service Innovation among Moslem Fashion Macro, Small and Medium Enterprises in Indonesia." *Journal of Islamic Accounting and Business Research* 13(8):1234–52. doi:10.1108/JIABR-12-2021-0321.

- Fred R. David, and Fores R. David. 2017. *Strategic Management Advantage Approach, Concepts and Cases*. 16th ed.
- Frederico, Guilherme F. 2021. "Towards a Supply Chain 4.0 on the Post-COVID-19 Pandemic: A Conceptual and Strategic Discussion for More Resilient Supply Chains." *Rajagiri Management Journal* 15(2):94–104. doi:10.1108/RAMJ-08-2020-0047.
- Frederico, Guilherme F., Jose Arturo Garza-Reyes, Anthony Anosike, and Vikas Kumar. 2019. "Supply Chain 4.0: Concepts, Maturity and Research Agenda." *Supply Chain Management: An International Journal* 25(2):262–82. doi:10.1108/SCM-09-2018-0339.
- Freeman, R. E. 1994. *Ethical Theory and Business*. New Jersey: Prentice-Hall: Englewood Cliffs.
- Galvin, Peter, John Rice, and Tung-Shan Liao. 2014. "Applying a Darwinian Model to the Dynamic Capabilities View: Insights and Issues." *Journal of Management & Organization* 20(2):250–63. doi:10.1017/jmo.2014.34.
- Gerald, Emejulu, Agbasi Obianuju, and Nosike Chukwunonso. 2020. "Strategic Agility and Performance of Small and Medium Enterprises in the Phase of Covid-19 Pandemic." *International Journal of Financial, Accounting, and Management* 2(1):41–50. doi:10.35912/ijfam.v2i1.163.
- Ghobakhloo, Morteza, and Adel Azar. 2018. "Business Excellence via Advanced Manufacturing Technology and Lean-Agile Manufacturing." *Journal of Manufacturing Technology Management* 29(1):2–24. doi:10.1108/JMTM-03-2017-0049.
- Ghozali, Imam. 2017. *Model Persamaan Struktural Konsep Dan Aplikasi Dengan Program AMOS 24*. Semarang: Badan Penerbit Universitas Diponegoro.
- Ghozali, and Latan. 2015. *Partial Least Squares: Concepts, Techniques and Applications Use the SmartPLS 3.0 Program for Empirical Research*. Semarang: Badan Penerbit UNDIP.
- Gligor, David, Nichole Gligor, and Michael Maloni. 2019. "The Impact of the Supplier's Market Orientation on the Customer Market Orientation-Performance Relationship." *International Journal of Production Economics* 216:81–93. doi:10.1016/j.ijpe.2019.04.022.
- Goldratt, Eliyahu M. 1999. *What Is This Thing Called Theory of Constraints*. North River Press.
- Gomez-Mejia, Luis R., Pankaj C. Patel, and Thomas M. Zellweger. 2018. "In the Horns of the Dilemma: Socioemotional Wealth, Financial Wealth, and

- Acquisitions in Family Firms.” *Journal of Management* 44(4):1369–97. doi:10.1177/0149206315614375.
- Habib, Md. Ahashan, Yukun Bao, and Aboobucker Ilmudeen. 2020. “The Impact of Green Entrepreneurial Orientation, Market Orientation and Green Supply Chain Management Practices on Sustainable Firm Performance.” *Cogent Business & Management* 7(1):1743616. doi:10.1080/23311975.2020.1743616.
- Habibi Rad, Mahyar, Mohammad Mojtahedi, and Michael J. Ostwald. 2021. “The Integration of Lean and Resilience Paradigms: A Systematic Review Identifying Current and Future Research Directions.” *Sustainability* 13(16):8893. doi:10.3390/su13168893.
- Haddock-Fraser, Janet, and David Gorman. 2023. “Building Your Influence: The Role of the Smart Sustainability Leader.” *Emerald Open Research* 1(9). doi:10.1108/EOR-09-2023-0001.
- Hair et al. 2014. *Multivariate Data Analysis*.
- Hair, G. Tomas. M. Hult, Christian. M. Ringle, and Marko. Sarstedt. 2017. *A Primer on Partial Least Squares Structural Equation Modeling (PLS-SEM). Second Edition*.
- Halawi, Leila A, Jay E Aronson, Richard V Mccarthy, L A Halawi, J E Aronson, &. Mccarthy, and Ac Uk. 2005. *Resource-Based View of Knowledge Management for Competitive Advantage*. Vol. 3. <https://commons.erau.edu/publication/319>.
- Hamdan, Muhammad K., Suliman A. El Talla, Mazen J. Al Shobaki, and Samy S. Abu-Naser. 2020. *Creative Behavior and Impact on Achieving Lean Strategy in Organizations*. Vol. 4. www.ijeais.org/ijaafmr.
- Haryono, Siswoyo. 2017. *Metode SEM Untuk Penelitian Manajemen Dengan AMOS LISREL PLS*. Luxima Metro Media.
- Hayes, R., G. Pisano, D. Upton, and S. Wheelwright. 2015. *Operation, Strategy, and Technology Pursuing the Competitive Edge*. John Wiley dan Sons, Inc., Danvers.
- Helfat, Constance E., and Margaret A. Peteraf. 2018. “The Dynamic Resource-based View: Capability Lifecycles.” *Strategic Management Journal* 24(10):997–1010. doi:10.1002/smj.332.
- Hemmati, Maryam, Davood Feiz, Mohammad Reza Jalilvand, and Iman Kholghi. 2016. “Development of Fuzzy Two-Stage DEA Model for Competitive Advantage Based on RBV and Strategic Agility as a Dynamic Capability.”

- Journal of Modelling in Management* 11(1):288–308. doi:10.1108/JM2-12-2013-0067.
- Hong, Jiangtao, Yi Liao, Yibin Zhang, and Zhefu Yu. 2019. “The Effect of Supply Chain Quality Management Practices and Capabilities on Operational and Innovation Performance: Evidence from Chinese Manufacturers.” *International Journal of Production Economics* 212:227–35. doi:10.1016/j.ijpe.2019.01.036.
- Hosseini, Seyedmohsen, and Dmitry Ivanov. 2022. “A New Resilience Measure for Supply Networks with the Ripple Effect Considerations: A Bayesian Network Approach.” *Annals of Operations Research* 319(1):581–607. doi:10.1007/s10479-019-03350-8.
- Hosseini, Seyedmohsen, Dmitry Ivanov, and Alexandre Dolgui. 2019. “Review of Quantitative Methods for Supply Chain Resilience Analysis.” *Transportation Research Part E: Logistics and Transportation Review* 125:285–307. doi:10.1016/j.tre.2019.03.001.
- Huda, M., A. Rahayu, C. Furqon, M. A. Sultan, N. Hartati, K. N. Bahri, and L. I. Achmad. 2024. “Supply Chain Model for Improving Material & Environment Sustainability: An Analysis from Green Supply Chain Implementation in Automobile Industry.” P. 012061 in *IOP Conference Series: Earth and Environmental Science*.
- Hunold, Matthias, and Shiva Shekhar. 2022. “Supply Chain Innovations and Partial Ownership.” *Review of Industrial Organization* 60(1):109–45. doi:10.1007/s11151-021-09836-9.
- Imran, Muhammad, Abdul Raziq, Mohid Khaliq, and Hassan Mujtaba Nawaz Saleem. 2019. “The Influence of Total Quality Management and Export Market Orientation on Company Export Performance of Furniture Industry in Pakistan: A Moderating Role of Business Network.” in *Proceedings of the Third Padang International Conference On Economics Education, Economics, Business and Management, Accounting and Entrepreneurship (PICEEBA 2019)*. Paris, France: Atlantis Press.
- Ince, Huseyin, Salih Zeki Imamoglu, Halit Keskin, Ali Ekber Akgun, and Mehmet Naci Efe. 2013a. “The Impact of ERP Systems and Supply Chain Management Practices on Firm Performance: Case of Turkish Companies.” *Procedia - Social and Behavioral Sciences* 99:1124–33. doi:10.1016/j.sbspro.2013.10.586.
- Ince, Huseyin, Salih Zeki Imamoglu, Halit Keskin, Ali Ekber Akgun, and Mehmet Naci Efe. 2013b. “The Impact of ERP Systems and Supply Chain Management Practices on Firm Performance: Case of Turkish Companies.” *Procedia -*

Social and Behavioral Sciences 99:1124–33.
doi:10.1016/j.sbspro.2013.10.586.

- Ishtiaque, Sehar, Danish Ahmed Siddiqui, and Waqar Ahmed. 2020. “Impact of Technology-Based Integrated Responsive Supply Chain on Operational Performance: A Case of a Volatile Market.” *International Journal of Logistics Systems and Management* 35(3):387. doi:10.1504/IJLSM.2020.105917.
- Isthaque, E., D. A. Siddiqui, and W. Ahmed. 2020. “Impact of Technology-Based Integrated Responsive Supply Chain on Operational Performance: A Case of a Volatile Market.” *Nternational Journal of Logistics Systems and Management* 35(3):387–409.
- Ivanov, Dmitry, Alexandre Dolgui, and Boris Sokolov. 2019. “The Impact of Digital Technology and Industry 4.0 on the Ripple Effect and Supply Chain Risk Analytics.” *International Journal of Production Research* 57(3):829–46. doi:10.1080/00207543.2018.1488086.
- Jaworski, Bernard J., and Ajay K. Kohli. 2019. “Market Orientation: Antecedents and Consequences.” *Journal of Marketing* 57(3):53. doi:10.2307/1251854.
- Jeng, Don Jyh-Fu, and Artur Pak. 2016. “The Variable Effects of Dynamic Capability by Firm Size: The Interaction of Innovation and Marketing Capabilities in Competitive Industries.” *International Entrepreneurship and Management Journal* 12(1):115–30. doi:10.1007/s11365-014-0330-7.
- Kamiński, Bogumił, Michał Jakubczyk, and Przemysław Szufel. 2018. “A Framework for Sensitivity Analysis of Decision Trees.” *Central European Journal of Operations Research* 26(1):135–59. doi:10.1007/s10100-017-0479-6.
- Kaplan, R. S., and D. P. Norton. 1996. *The Balanced Scorecard: Translating Strategy into Action*. Boston: Harvard Business School Press.
- Kaplan, R. S., and D. P. Norton. 2005. *The Balance Scorecard: Measures That Drive Performance*. Harvard Business Review.
- Kaydos, Will. 2020. *Operational Performance Measurement*. CRC Press.
- Kemenperin. 2022. *Upaya Industri Otomotif Bangkit Dari Pandemi*.
- Khalaf, Magdy A., and Mohamed Yehia El Mokadem. 2019. “The Relationship between Internal Integration and Manufacturing Flexibility in the Egyptian Industry.” *International Journal of Quality and Service Sciences* 11(1):16–33. doi:10.1108/IJQSS-06-2017-0052.
- Khan, Muhammad Talha, Muhammad Dawood Idrees, Muhammad Rauf, Abdul Sami, Arsalan Ansari, and Atif Jamil. 2022. “Green Supply Chain

- Management Practices' Impact on Operational Performance with the Mediation of Technological Innovation." *Sustainability* 14(6):3362. doi:10.3390/su14063362.
- Kim, Sung Chul, and Kwang Sup Shin. 2019. "Negotiation Model for Optimal Replenishment Planning Considering Defects under the VMI and JIT Environment." *Asian Journal of Shipping and Logistics* 35(3):147–53. doi:10.1016/j.ajsl.2019.09.003.
- Kline, Rex. 2013. "Exploratory and Confirmatory Factor Analysis." Pp. 171–207 in *Applied quantitative analysis in education and the social sciences*. Routledge.
- Kot, Sebastian, Adnan Ul Haque, and Eugene Kozlovski. 2019. "Strategic SCM's Mediating Effect on the Sustainable Operations: Multinational Perspective." *Organizacija* 52(3):219–35.
- Kusnendi, and Annisa Ciptagustia. 2023. *Analisis Model Pengukuran Dan Struktural Dalam Penelitian Manajemen Bisnis*. edited by A. Mulyadi and Y. Mulyadi. Bandung: Upi Press.
- De la Vega, Marina, Sharon Macias-Velasquez, Yolanda Baez-Lopez, Jorge Limon-Romero, Diego Tlapa, and Edgar Armando Chávez-Moreno. 2023. "Modeling Critical Success Factors of Lean Strategy in the Manufacturing Industry." *Systems* 11(10):490. doi:10.3390/systems11100490.
- Laguir, Lamia, Issam Laguir, and Emmanuel Tchameni. 2019. "Implementing CSR Activities through Management Control Systems." *Accounting, Auditing & Accountability Journal* 32(2):531–55. doi:10.1108/AAAJ-05-2016-2566.
- Liboni, Lara Bartocci, Luciana Oranges Cezarino, Charbel José Chiappetta Jabbour, Bruno Garcia Oliveira, and Nelson Oliveira Stefanelli. 2019. "Smart Industry and the Pathways to HRM 4.0: Implications for SCM." *Supply Chain Management: An International Journal* 24(1):124–46. doi:10.1108/SCM-03-2018-0150.
- Lin, Hsing Er, I. Chieh Hsu, Audrey Wenhsin Hsu, and Hsi Mei Chung. 2020. "Creating Competitive Advantages: Interactions between Ambidextrous Diversification Strategy and Contextual Factors from a Dynamic Capability Perspective." *Technological Forecasting and Social Change* 154. doi:10.1016/j.techfore.2020.119952.
- Liu, Huiming, Su Wu, Chongwen Zhong, and Ying Liu. 2021. "An Empirical Exploration of Quality Management Practices and Firm Performance from Chinese Manufacturing Industry." *Total Quality Management & Business Excellence* 32(15–16):1694–1712. doi:10.1080/14783363.2020.1769474.

- Liu, Jiaguo, Yumeng Xi, and Junjin Wang. 2023. "Resilience Strategies for Sustainable Supply Chains under Budget Constraints in the Post COVID-19 Era." *Frontiers of Engineering Management* 10(1):143–57. doi:10.1007/s42524-022-0236-y.
- Lopes de Sousa Jabbour, Ana Beatriz, Charbel Jose Chiappetta Jabbour, Moacir Godinho Filho, and David Roubaud. 2018. "Industry 4.0 and the Circular Economy: A Proposed Research Agenda and Original Roadmap for Sustainable Operations." *Annals of Operations Research* 270(1–2):273–86. doi:10.1007/s10479-018-2772-8.
- Lungu, Miruna Florina. 2020. "The Influence of Strategic Agility on Firm Performance." *Proceedings of the International Conference on Business Excellence* 14(1):102–10. doi:10.2478/picbe-2020-0011.
- Luomaranta, Toni, and Miia Martinsuo. 2019. "Supply Chain Innovations for Additive Manufacturing." *International Journal of Physical Distribution & Logistics Management* 50(1):54–79. doi:10.1108/IJPDLM-10-2018-0337.
- Luthan, F., and C. M. Youssef. 2020. "Resiliency Development of Organizations, Leaders and Employees: Multi-Level Theory Building for Sustained Performance." *Authentic Leadership Theory and Practice: Origins, Effects and Development*, 3:303–43.
- Luthra, Sunil, Anil Kumar, Edmundas Kazimieras Zavadskas, Sachin Kumar Mangla, and Jose Arturo Garza-Reyes. 2020. "Industry 4.0 as an Enabler of Sustainability Diffusion in Supply Chain: An Analysis of Influential Strength of Drivers in an Emerging Economy." *International Journal of Production Research* 58(5):1505–21. doi:10.1080/00207543.2019.1660828.
- Mabrouk, Nejeh Ben. 2020. "Interpretive Structural Modeling of Critical Factors for Buyer-Supplier Partnerships in Supply Chain Management." *Uncertain Supply Chain Management* 613–26. doi:10.5267/j.uscm.2020.2.002.
- Machado, Marcio C., Renato Telles, Paulo Sampaio, Maciel M. Queiroz, and Ana Cristina Fernandes. 2019. "Performance Measurement for Supply Chain Management and Quality Management Integration." *Benchmarking: An International Journal* 27(7):2130–47. doi:10.1108/BIJ-11-2018-0365.
- Malbasic, Ivan, and Frederic Marimon. 2019. *A Simplified Balanced "Balanced Scorecard."* Vol. 5. <https://ssrn.com/abstract=3481364>.
- Malhotra, Naresh, and David Birks. 2017. *Marketing Research: An Applied Approach*. 5th ed. Pearson Education Limited.
- Mansouri, Hossein, Saeed Sadeghi Boroujerdi, Michael Polonsky, Maizaitulaidawati Md Husin, and Mehdi Seydi. 2022. "Investigating the

- Mediating Role of Market Orientation between Internal Marketing and the Development of Entrepreneurial Orientation within Private Sports Clubs.” *New England Journal of Entrepreneurship* 25(2):103–20. doi:10.1108/NEJE-12-2020-0055.
- Masudin, Ilyas, and Mohammed Kamara. 2018. “Impact Of Just-In-Time, Total Quality Management And Supply Chain Management On Organizational Performance: A Review Perspective.” *Jurnal Teknik Industri* 19(1):11. doi:10.22219/JTIUMM.VOL19.NO1.11-20.
- McAdam, Rodney, Kristel Miller, and Carmel McSorley. 2019. “Towards a Contingency Theory Perspective of Quality Management in Enabling Strategic Alignment.” *International Journal of Production Economics* 207:195–209. doi:10.1016/j.ijpe.2016.07.003.
- Medvedev, M. A., A. A. Detkov, and T. S. H. Moldobaev. 2019. “Information System for Analyzing the Competitive Environmental of Industry Markets.” in *AIP Conference Proceedings*. Vol. 2172. American Institute of Physics Inc.
- Mikalef, Patrick, Maria Boura, George Lekakos, and John Krogstie. 2019. “Big Data Analytics and Firm Performance: Findings from a Mixed-Method Approach.” *Journal of Business Research* 98:261–76. doi:10.1016/j.jbusres.2019.01.044.
- El Mokadem, Mohamed Y., and Magdy A. Khalaf. 2023. “The Contingent Effect of Supply Chain Strategies on the Relationship between Supply Chain Integration and Operational Performance in Manufacturing Context.” *Journal of Manufacturing Technology Management* 34(1):147–64. doi:10.1108/JMTM-01-2022-0014.
- Moyano-Fuentes, José, Juan Manuel Maqueira-Marín, Pedro José Martínez-Jurado, and Macarena Sacristán-Díaz. 2020. “Extending Lean Management along the Supply Chain: Impact on Efficiency.” *Journal of Manufacturing Technology Management* 32(1):63–84. doi:10.1108/JMTM-10-2019-0388.
- Müller, Julian M., Johannes W. Veile, and Kai-Ingo Voigt. 2020. “Prerequisites and Incentives for Digital Information Sharing in Industry 4.0 – An International Comparison across Data Types.” *Computers & Industrial Engineering* 148:106733. doi:10.1016/j.cie.2020.106733.
- Mumtaz, Khurram, Faid Gul, and Karamat Khan. 2019. “The Effect of Market Orientation on Perceived Business Performance: An Empirical Analysis of Textile Firms of Pakistan.” *Paradigms* 12:16+. <https://link.gale.com/apps/doc/A626856554/AONE?u=anon~6c701bec&sid=googleScholar&xid=b0e63a84>.

- Mutekwe, Le Roy T., Chenedzai Mafini, and Elizabeth Chinomona. 2020. "Supply Chain Risk Management and Operational Performance in the Food Retail Industry in Zimbabwe." *Acta Commerci* 20(1). doi:10.4102/ac.v20i1.863.
- N. Salindo, Randolph Von, and Saed Adnan Mustafa. 2020. "Corporate Sustainability Practices and Supply Chain Management Performance of Bahraini Companies: An Initial Survey." *Shanlax International Journal of Management* 7(4):1–10. doi:10.34293/management.v7i4.1633.
- Nadeak, Multi, Adi Widodo, Masduki Asbari, Dewiana Novitasari, Agus Purwanto, Sekolah Tinggi, and Teknologi Bandung. 2021. "Understanding the Links between Coaching, OCB, and Individual Performance among MSME Employees." *International Journal of Social and Management Studies* 01(04):68–80. <https://www.ijosmas.org>.
- Narula, Sandeep, Sudhir Rana, Shakul Srivastava, and Manjeet Kharub. 2023. "Improving Firm Performance Using Market Orientation and Capabilities: A Case Study Approach." *South Asian Journal of Business Studies* 12(3):374–94. doi:10.1108/SAJBS-10-2021-0375.
- Narver, John C., and Stanley F. Slater. 1990. "The Effect of a Market Orientation on Business Profitability." *Journal of Marketing* 54(4):20. doi:10.2307/1251757.
- Nasir, Sumaiya Benta, Tazim Ahmed, Chitra Lekha Karmaker, Syed Mithun Ali, Sanjoy Kumar Paul, and Abhijit Majumdar. 2022. "Supply Chain Viability in the Context of COVID-19 Pandemic in Small and Medium-Sized Enterprises: Implications for Sustainable Development Goals." *Journal of Enterprise Information Management* 35(1):100–124. doi:10.1108/JEIM-02-2021-0091.
- Negri, Marta, Enrico Cagno, Claudia Colicchia, and Joseph Sarkis. 2021. "Integrating Sustainability and Resilience in the Supply Chain: A Systematic Literature Review and a Research Agenda." *Business Strategy and the Environment* 30(7):2858–86. doi:10.1002/bse.2776.
- Nguyen Van, It, Thanh Tiep Le, and Anna Kotaskova. 2023. "The Role of Brand and Market Orientation on Competitive Advantage in the Food Sector: Business Strategy's Moderator Role." *British Food Journal* 125(11):3888–3911. doi:10.1108/BFJ-01-2023-0010.
- Nikneshan, Payam, Arash Shahin, and Hamid Davazdahemami. 2023. "Proposing a Framework for Analyzing the Effect of Lean and Agile Innovation on Lean and Agile Supply Chain." *International Journal of Quality and Reliability Management*. doi:10.1108/IJQRM-04-2022-0143.

- Nilesh R. Mate. 2022. "Transformation of Supply Chain Management to Agile Supply Chain Management: Creating Competitive Advantage for the Organizations." *World Journal of Advanced Research and Reviews* 15(2):575–92. doi:10.30574/wjarr.2022.15.2.0872.
- Nwankwo, Cosmas Anayochukwu, and Macdonald Isaac Kanyangale. 2019. "Market Orientation and Survival of Small and Medium Enterprises in Nigeria." *Foundations of Management* 11(1):291–304. doi:10.2478/fman-2019-0024.
- Ohno, T. 1988. *Toyota Production Systems: Beyond Large Scale Production*. N. New York: Productivity Press.
- Oliveira-Dias, Diessica de, Juan Manuel Maqueira Marín, and José Moyano-Fuentes. 2022. "Lean and Agile Supply Chain Strategies: The Role of Mature and Emerging Information Technologies." *The International Journal of Logistics Management* 33(5):221–43. doi:10.1108/IJLM-05-2022-0235.
- Oyombe, Grace Georgine, Zachary Bolo Awino, Martin Ogutu, and James Muranga Njihia. 2023. "How Leagile Strategy and Strategic Partnership Affect Competitive Advantage of Construction Supply Chains." *Journal of Business Strategy Finance and Management* 04(02):184–201. doi:10.12944/jbsfm.04.02.02.
- Panda, Debadutta, and Sriharsha Reddy. 2016. "Resource Based View of Internationalization: Evidence from Indian Commercial Banks." *Journal of Asia Business Studies* 10(1):41–60. doi:10.1108/JABS-10-2014-0082.
- Di Paolo, Antonio, and Alessia Matano. 2022. "The Impact of Combining Work with Study on the Labour Market Performance of Graduates: The Joint Role of Work Intensity and Job-Field Match." *International Journal of Manpower* 43(7):1556–78. doi:10.1108/IJM-03-2021-0182.
- Paulraj, Antony, Injazz J. Chen, and Constantin Blome. 2017. "Motives and Performance Outcomes of Sustainable Supply Chain Management Practices: A Multi-Theoretical Perspective." *Journal of Business Ethics* 145(2):239–58. doi:10.1007/s10551-015-2857-0.
- Pembangunan Industri, Analisis. 2022. *Upaya Industri Otomotif Bangkit Dari Pandemi*.
- Penrose, E. T. 1959. *The Theory of the Growth of the Firm*. 2nd ed. London: Basil Blackwell.
- Peteraf, M. A. 1993. "The Cornerstones of Competitive Advantage: A Resource Based View." *Strategic Management Journal* 14(3):179–91.

- Pettit, Timothy J., Keely L. Croxton, and Joseph Fiksel. 2019. "The Evolution of Resilience in Supply Chain Management: A Retrospective on Ensuring Supply Chain Resilience." *Journal of Business Logistics* 40(1):56–65. doi:10.1111/jbl.12202.
- Piotrowicz, Wojciech Domink, Urszula Ryciuk, and Maciej Szymczak. 2022. "Lean and Agile Metrics. Literature Review and Framework for Measuring Leagile Supply Chain." *International Journal of Productivity and Performance Management*. doi:10.1108/IJPPM-10-2020-0560.
- Piotrowicz, Wojciech Domink, Urszula Ryciuk, and Maciej Szymczak. 2023a. "Lean and Agile Metrics. Literature Review and Framework for Measuring Leagile Supply Chain." *International Journal of Productivity and Performance Management* 72(6):1560–83. doi:10.1108/IJPPM-10-2020-0560.
- Piotrowicz, Wojciech Domink, Urszula Ryciuk, and Maciej Szymczak. 2023b. "Lean and Agile Metrics. Literature Review and Framework for Measuring Leagile Supply Chain." *International Journal of Productivity and Performance Management* 72(6):1560–83. doi:10.1108/IJPPM-10-2020-0560.
- Porter, Michael E. 1980. *Competitive Strategy: Techniques For Analyzing Industries And Competitors*. New York: The Free Press.
- Porter, Michael E. 1985. *Competitive Advantage: Creating And Sustaining Superior Performance*. New York: The Free Press.
- Potton, Zainal. 2024. "MARKET SEGMENTATION ANALYSIS TO INCREASE THE EFFECTIVENESS OF MARKETING STRATEGIES." *IJMA (Indonesian Journal of Management and Accounting)* 5(1). doi:10.14421/EkBis.2022.6.1.1555.
- Prashar, Anupama, and Shikha Aggarwal. 2019. "Modeling Enablers of Supply Chain Quality Risk Management: A Grey-DEMATEL Approach." *The TQM Journal* 32(5):1059–76. doi:10.1108/TQM-05-2019-0132.
- Priyono, Anjar, Elisabeth Ingga Dewi, and Sarina Abdul Halim Lim. 2019. "Alliances as Dynamic Capability to Support Organizational Transformation: Empirical Findings from a State-Owned Enterprise." *Foundations of Management* 11(1):93–102. doi:10.2478/fman-2019-0008.
- Qian, Wei, Carol Tilt, Dinithi Dissanayake, and Sanjaya Kuruppu. 2020. "Motivations and Impacts of Sustainability Reporting in the Indo-Pacific Region: Normative and Instrumental Stakeholder Approaches." *Business Strategy and the Environment* 29(8):3370–84. doi:10.1002/bse.2577.

- Rajesh. 2021. "Flexible Business Strategies to Enhance Resilience in Manufacturing Supply Chains: An Empirical Study." *Journal of Manufacturing Systems* 60:903–19. doi:10.1016/j.jmsy.2020.10.010.
- Raji, Ibrahim Oluwole, Eduard Shevtshenko, Tommaso Rossi, and Fernanda Strozzi. 2021a. "Modelling the Relationship of Digital Technologies with Lean and Agile Strategies." *Supply Chain Forum* 22(4):323–46. doi:10.1080/16258312.2021.1925583.
- Raji, Ibrahim Oluwole, Eduard Shevtshenko, Tommaso Rossi, and Fernanda Strozzi. 2021b. "Modelling the Relationship of Digital Technologies with Lean and Agile Strategies." *Supply Chain Forum* 22(4):323–46. doi:10.1080/16258312.2021.1925583.
- Raza, Jamshed, Yuxin Liu, Jianwei Zhang, Nan Zhu, Zohaib Hassan, Habib Gul, and Sikander Hussain. 2021. "Sustainable Supply Management Practices and Sustainability Performance: The Dynamic Capability Perspective." *SAGE Open* 11(1). doi:10.1177/21582440211000046.
- Rotter, Thomas, Christopher Plishka, Adegboyega Lawal, Liz Harrison, Nazmi Sari, Donna Goodridge, Rachel Flynn, James Chan, Michelle Fiander, Bonnie Poksinska, Keith Willoughby, and Leigh Kinsman. 2019. "What Is Lean Management in Health Care? Development of an Operational Definition for a Cochrane Systematic Review." *Evaluation & the Health Professions* 42(3):366–90. doi:10.1177/0163278718756992.
- Sahoo, Saumyaranjan. 2019a. "Quality Management, Innovation Capability and Firm Performance." *The TQM Journal* 31(6):1003–27. doi:10.1108/TQM-04-2019-0092.
- Sahoo, Saumyaranjan. 2019b. "Quality Management, Innovation Capability and Firm Performance: Empirical Insights from Indian Manufacturing SMEs." *TQM Journal* 31(6):1003–27. doi:10.1108/TQM-04-2019-0092.
- Shamout, Mohamed Dawood. 2021. "The Nexus between Supply Chain Analytic, Innovation and Robustness Capability: Does Firm Age Matter?" *VINE Journal of Information and Knowledge Management Systems* 51(1):163–76. doi:10.1108/VJIKMS-03-2019-0045.
- Sharma, Amalesh, Anirban Adhikary, and Sourav Bikash Borah. 2020. "Covid-19's Impact on Supply Chain Decisions: Strategic Insights from NASDAQ 100 Firms Using Twitter Data." *Journal of Business Research* 117:443–49. doi:10.1016/j.jbusres.2020.05.035.
- Sharma, Sameer, Jaspreet Singh Oberoi, Rahul Dev Gupta, Sanjeev Saini, Arun Kumar Gupta, and Neeraj Sharma. 2022. "Effect of Agility in Different

- Dimensions of Manufacturing Systems: A Review.” *Materials Today: Proceedings* 63:264–67. doi:10.1016/j.matpr.2022.03.054.
- Shin, Hojung, Jae-Nam Lee, DaeSoo Kim, and Hosun Rhim. 2015. “Strategic Agility of Korean Small and Medium Enterprises and Its Influence on Operational and Firm Performance.” *International Journal of Production Economics* 168:181–96. doi:10.1016/j.ijpe.2015.06.015.
- Shukor, Ahmad Azwan Ahmad, Md. Shah Newaz, Muhammad Khalilur Rahman, and Azni Zarina Taha. 2021. “Supply Chain Integration and Its Impact on Supply Chain Agility and Organizational Flexibility in Manufacturing Firms.” *International Journal of Emerging Markets* 16(8):1721–44. doi:10.1108/IJOEM-04-2020-0418.
- Siagian, Hotlan, Zeplin Jiwa Husada Tarigan, and Ferry Jie. 2021. “Supply Chain Integration Enables Resilience, Flexibility, and Innovation to Improve Business Performance in Covid-19 Era.” *Sustainability (Switzerland)* 13(9). doi:10.3390/su13094669.
- Silvestre, Bruno S., Minelle E. Silva, Allan Cormack, and Antônio Márcio Tavares Thome. 2020. “Supply Chain Sustainability Trajectories: Learning through Sustainability Initiatives.” *International Journal of Operations & Production Management* 40(9):1301–37. doi:10.1108/IJOPM-01-2020-0043.
- Singh, Rohit Kr, Sachin Modgil, and Padmanav Acharya. 2020. “Identification and Causal Assessment of Supply Chain Flexibility.” *Benchmarking* 27(2):517–49. doi:10.1108/BIJ-01-2019-0003.
- Solaimani, Sam, and Jack van der Veen. 2022a. “Open Supply Chain Innovation: An Extended View on Supply Chain Collaboration.” *Supply Chain Management* 27(5):597–610. doi:10.1108/SCM-09-2020-0433.
- Solaimani, Sam, and Jack van der Veen. 2022b. “Open Supply Chain Innovation: An Extended View on Supply Chain Collaboration.” *Supply Chain Management* 27(5):597–610. doi:10.1108/SCM-09-2020-0433.
- Srinivasan, Mahesh, Prashant Srivastava, and Karthik N. S. Iyer. 2020. “Response Strategy to Environment Context Factors Using a Lean and Agile Approach: Implications for Firm Performance.” *European Management Journal* 38(6):900–913. doi:10.1016/j.emj.2020.04.003.
- Stedman, Nicole L. P., and Brittany L. Adams-Pope. 2019. “Understanding Principal Investigators’ Differences in Leadership Style and Perceptions of Teamwork to Leverage Leadership Development.” *Journal of Leadership Education* 18(1):14–24. doi:10.12806/V18/I1/R2.
- Sugiyono. 2018. *Statistika Untuk Penelitian*. Bandung: Alfabeta.

- Suharto, R. ;. Devi. 2013. "Analisa Pengaruh Supply Chain Management Terhadap Keunggulan Bersaing Dan Kinerja Perusahaan." *Business Accounting Review* 1(2).
- Sunil, Koul. 2019a. "Supply Chain Innovation: The Core Capabilities Required and Expected Outcomes." *Journal of Information Technology & Software Engineering* 09(01). doi:10.35248/2165-7866.19.9.256.
- Sunil, Koul. 2019b. "Supply Chain Innovation: The Core Capabilities Required and Expected Outcomes." *Journal of Information Technology & Software Engineering* 09(01). doi:10.35248/2165-7866.19.9.256.
- Surya, Raja Adri Satriawan, Ulfa Afifah, Mayla Khoiriyah, and Vera Oktari. 2022. "Impact of Entrepreneurship Orientation, Innovation, Market Orientation and Total Quality Management on SME Performance." *International Journal of Organizational Behavior and Policy* 1(1):37–50. doi:10.9744/ijobp.1.1.37-50.
- Surya Wanasida, Albert, Agus Purwanto, Albert Surya WANASIDA, Innocentius Bernarto, and Niko Sudibjo. 2021. "The Role of Business Capabilities in Supporting Organization Agility and Performance During the COVID-19 Pandemic: An Empirical Study in Indonesia." *Agus PURWANTO / Journal of Asian Finance* 8(5):897–0911. doi:10.13106/jafeb.2021.vol8.no5.0897.
- Swanson, Brian. 2016. *APPLYING THE RESOURCE-BASED VIEW OF THE FIRM TO QINGDAO, CHINA*. Vol. 22.
- Tapaninaho, Riikka, and Anna Heikkinen. 2022. "Value Creation in Circular Economy Business for Sustainability: A Stakeholder Relationship Perspective." *Business Strategy and the Environment* 31(6):2728–40. doi:10.1002/bse.3002.
- Teece, D.J. 2007. "Explicating Dynamic Capabilities: The Nature and Microfoundations of (Sustainable) Enterprise Performance." *Strategic Management Journal* 28(13).
- Teece, D. J., and G. Pisano. 1994. "The Dynamic Capabilities of Firms: An Introduction." *Industrial and Corporate Change*, 3(3):537–56.
- Teece, David J. 2007. "Explicating Dynamic Capabilities: The Nature and Microfoundations of (Sustainable) Enterprise Performance." *Strategic Management Journal* 28(13):1319–50. doi:10.1002/smj.640.
- Teece, David J. 2018. "Business Models and Dynamic Capabilities." *Long Range Planning* 51(1):40–49. doi:10.1016/j.lrp.2017.06.007.
- Teece, David J., Gary Pisano, and Amy Shuen. 1997. "Dynamic Capabilities and Strategic Management." *Strategic Management Journal* 18(7):509–33. doi:10.1002/(SICI)1097-0266(199708)18:7<509::AID-SMJ882>3.0.CO;2-Z.

- Tortorella, Guilherme, Ricardo Giglio, Flavio S. Fogliatto, and Rapinder Sawhney. 2019. "Mediating Role of Learning Organization on the Relationship between Total Quality Management and Operational Performance in Brazilian Manufacturers." *Journal of Manufacturing Technology Management* 31(3):524–41. doi:10.1108/JMTM-05-2019-0200.
- Tortorella, Guilherme, Ricardo Giglio, Flavio S. Fogliatto, and Rapinder Sawhney. 2020. "Mediating Role of Learning Organization on the Relationship between Total Quality Management and Operational Performance in Brazilian Manufacturers." *Journal of Manufacturing Technology Management* 31(3):524–41. doi:10.1108/JMTM-05-2019-0200.
- Touboulic, Anne, and Helen Walker. 2015. "Theories in Sustainable Supply Chain Management: A Structured Literature Review." *International Journal of Physical Distribution & Logistics Management* 45(1/2):16–42. doi:10.1108/IJPDLM-05-2013-0106.
- Tseng, Ming-Lang, Hien Minh Ha, Kuo-Jui Wu, and Bing Xue. 2022. "Healthcare Industry Circular Supply Chain Collaboration in Vietnam: Vision and Learning Influences on Connection in a Circular Supply Chain and Circularity Business Model." *International Journal of Logistics Research and Applications* 25(4–5):743–68. doi:10.1080/13675567.2021.1923671.
- Tukamuhabwa, Benjamin, Mark Stevenson, and Jerry Busby. 2019. "Supply Chain Resilience in a Developing Country Context: A Case Study on the Interconnectedness of Threats, Strategies and Outcomes." *Supply Chain Management: An International Journal* 22(6):486–505. doi:10.1108/SCM-02-2017-0059.
- Tura, Nina, Jyri Hanski, Tuomas Ahola, Matias Ståhle, Sini Piiparinen, and Pasi Valkokari. 2019. "Unlocking Circular Business: A Framework of Barriers and Drivers." *Journal of Cleaner Production* 212:90–98. doi:10.1016/j.jclepro.2018.11.202.
- Udriyah, Udriyah, Jacqueline Tham, and S. M. Ferdous Azam. 2019. "The Effects of Market Orientation and Innovation on Competitive Advantage and Business Performance of Textile SMEs." *Management Science Letters* 1419–28. doi:10.5267/j.msl.2019.5.009.
- Venkata Ramana, D., K. Narayana Rao, and J. Suresh Kumar. 2013. "Evaluation of Performance Metrics of Leagile Supply Chain through Fuzzy MCDM." *Decision Science Letters* 2(3):211–22. doi:10.5267/j.dsl.2013.03.003.
- Virmani, Naveen, Rajeev Saha, and Rajeshwar Sahai. 2017. "Understanding the Barriers in Implementing Leagile Manufacturing System." *International*

- Journal of Productivity and Quality Management* 22(4):499. doi:10.1504/IJPQM.2017.087866.
- Virmani, Naveen, and Vikram Sharma. 2019. "Prioritisation and Assessment of Leagile Manufacturing Enablers Using Interpretive Structural Modelling Approach." *European J. of Industrial Engineering* 13(6):701. doi:10.1504/EJIE.2019.104293.
- Weber, Yaakov, and Shlomo Y. Tarba. 2018. "Strategic Agility: A State of the Art Introduction to the Special Section on Strategic Agility." *California Management Review* 56(3):5–12. doi:10.1525/cmr.2014.56.3.5.
- Wernerfelt, Birger. 1984. "A Resource-based View of the Firm." *Strategic Management Journal* 5(2):171–80. doi:10.1002/smj.4250050207.
- Wheelen, Thomas L., • J David Hunger, Alan N. Hoffman, and Charles E. Bamford. 2015. *GlobAl EditIon GlobAl EditIon Strategic Management and Business Policy Globalization, Innovation, and Sustainability*. Fourteenth Edition. edited by S. Wall. London: Pearson Education.
- Whitten, G. Dwayne, W. Green Kenneth, and Pamela J. Zelbst. 2012. "Triple-A Supply Chain Performance." *International Journal of Operations and Production Management* 32(1):28–48. doi:10.1108/01443571211195727.
- Wilden, Ralf, and Siegfried Gudergan. 2017. "Service-Dominant Orientation, Dynamic Capabilities and Firm Performance." *Journal of Service Theory and Practice* 27(4):808–32. doi:10.1108/JSTP-04-2016-0077.
- Wilhelm, Miriam, and Veronica H. Villena. 2021. "Cascading Sustainability in Multi-tier Supply Chains: When Do Chinese Suppliers Adopt Sustainable Procurement?" *Production and Operations Management* 30(11):4198–4218. doi:10.1111/poms.13516.
- Williamson, O. E. 1985. *The Economic Institution of Capitalism*. New York: Free Press.
- Williamson, O. E. 1991. *Comparative Economic Organization: The Analysis of Discrete Structural Alternatives*. 36th ed. Administrative Science Quarterly.
- Womack, J. P., D. T. Jones, and D. Roos. 1991. *The Machine That Change the World (How Japans Secret Weapon in the Global Auto Wars Will Revolutionize Western Industry)*. New York, NY: Aufl., HarperPerennial,.
- Yildiz, Tayfun, and Zafer Aykanat. 2021. "The Mediating Role of Organizational Innovation on the Impact of Strategic Agility on Firm Performance." *World Journal of Entrepreneurship, Management and Sustainable Development* ahead-of-print(ahead-of-print). doi:10.1108/WJEMSD-06-2020-0070.