

# Artículos

## Camilo Andrés Mícan Rincón

Título del artículo	Año	URL	DOI
Project portfolio risk management: a structured literature review with future directions for research	2020	<a href="https://aisel.aisnet.org/ijispm/vol8/iss3/5/">https://aisel.aisnet.org/ijispm/vol8/iss3/5/</a>	10.12821/ijispm080304
Operational risk categorization in project-based organizations: A theoretical perspective from a project portfolio risk lens	2019	<a href="https://www.sciencedirect.com/science/article/pii/S235197891931159X?utm_campaign=STMJ_75273_AUTH_SERV_PPUB&amp;utm_medium=email&amp;utm_dgroup=Email1Publishing&amp;utm_acid=103711196&amp;SIS_ID=0&amp;dgcid=STMJ_75273_AUTH_SERV_PPUB&amp;CMX_ID=&amp;utm_in=DM659393&amp;utm_source=AC_30&amp;utm_term=Email%20%20Publishing">https://www.sciencedirect.com/science/article/pii/S235197891931159X?utm_campaign=STMJ_75273_AUTH_SERV_PPUB&amp;utm_medium=email&amp;utm_dgroup=Email1Publishing&amp;utm_acid=103711196&amp;SIS_ID=0&amp;dgcid=STMJ_75273_AUTH_SERV_PPUB&amp;CMX_ID=&amp;utm_in=DM659393&amp;utm_source=AC_30&amp;utm_term=Email%20%20Publishing</a>	10.1016/j.promfg.2019.09.069

## Carlos Julio Vidal Holguín

Título del artículo	Año	URL	DOI
Sustainable supply chain design considering indicators of value creation	2021	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0360835221001984">https://www.sciencedirect.com/science/article/abs/pii/S0360835221001984</a>	10.1016/j.cie.2021.107294
Planning and design of intermodal hub networks: A literature review	2021	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0305054821002203">https://www.sciencedirect.com/science/article/abs/pii/S0305054821002203</a>	10.1016/j.cor.2021.105469
Sustainability Improvement of Coffee Farms in Valle del Cauca (Colombia) Through System Dynamics	2021	<a href="https://www.springerprofessional.de/en/sustainability-improvement-of-coffee-farms-in-valle-del-cauca-co/19620982">https://www.springerprofessional.de/en/sustainability-improvement-of-coffee-farms-in-valle-del-cauca-co/19620982</a>	10.1007/978-3-030-85914-5_64
Supply Chain Design by Minimizing Equivalent Present Cost Considering Weighted Variable Costs	2020	<a href="https://link.springer.com/book/10.1007/978-3-030-26488-8">https://link.springer.com/book/10.1007/978-3-030-26488-8</a>	10.1007/978-3-030-26488-8_13
Assessment of maturity of reverse logistics as a strategy to sustainable solid waste management	2020	<a href="https://journals.sagepub.com/eprint/CMCPP2X2PNSIJVBKNJTU/full">https://journals.sagepub.com/eprint/CMCPP2X2PNSIJVBKNJTU/full</a>	10.1177/0734242X19897131
Methodology for locating regional landfills using multi-criteria decision analysis techniques	2020	<a href="https://www.tandfonline.com/doi/full/10.1080/23311916.2020.1776451">https://www.tandfonline.com/doi/full/10.1080/23311916.2020.1776451</a>	10.1080/23311916.2020.1776451
Planning and design of a chassis container terminal	2019	<a href="https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/13?page=5">https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/13?page=5</a>	10.1016/j.ifacol.2019.11.595

## Diego Fernando Manotas Duque

Título del artículo	Año	URL	DOI
Financial risk network architecture of energy firms	2018	<a href="https://www.sciencedirect.com/science/article/pii/S0306261918301867">https://www.sciencedirect.com/science/article/pii/S0306261918301867</a>	<a href="https://doi.org/10.1016/j.apenergy.2018.02.060">https://doi.org/10.1016/j.apenergy.2018.02.060</a>
Effect of stopping hydroelectric power generation on the dynamics of electricity prices: An event study approach	2018	<a href="https://www.sciencedirect.com/science/article/pii/S1364032118304581">https://www.sciencedirect.com/science/article/pii/S1364032118304581</a>	10.1016/j.rser.2018.06.021
Risk asymmetries in hydrothermal power generation markets	2017	<a href="http://www.sciencedirect.com/science/article/pii/S0378779617300895">http://www.sciencedirect.com/science/article/pii/S0378779617300895</a>	10.1016/j.epr.2017.02.032
Effects of WTI and SP500 on Oil Firms Stock Prices: A Multivariate Quantile Approach	2017	<a href="http://www.sciencedirect.com/science/article/pii/S1876610217308123">http://www.sciencedirect.com/science/article/pii/S1876610217308123</a>	10.1016/j.egypro.2017.03.749
Nonlinear empirical pricing in electricity markets using fundamental weather factors	2017	<a href="http://www.sciencedirect.com/science/article/pii/S0360544217313750">http://www.sciencedirect.com/science/article/pii/S0360544217313750</a>	<a href="https://doi.org/10.1016/j.energy.2017.07.181">https://doi.org/10.1016/j.energy.2017.07.181</a>
Multicriteria Hybrid Method - ROA, for the choice of generation of renewable sources: case study in shopping centers	2017	<a href="http://www.ingeniare.cl/index.php?option=com_ingeniare&amp;view=d&amp;doc=93/art05.pdf&amp;aid=575&amp;vid=93&amp;lang=es">http://www.ingeniare.cl/index.php?option=com_ingeniare&amp;view=d&amp;doc=93/art05.pdf&amp;aid=575&amp;vid=93&amp;lang=es</a>	10.4067/S0718-33052017000300399
Auto-generación de electricidad, Optimización y Evaluación en el marco de las nuevas políticas de apoyo en Colombia (Self-generation of Electricity, Assessment and Optimization Under the New Support Schemes in Colombia)	2016	<a href="http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=7459614">http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=7459614</a>	10.1109/TLA.2016.7459614
Modelación de riesgo operacional causado por factores demográficos	2016	<a href="http://revistas.udem.edu.co/index.php/ingenierias/article/view/1164">http://revistas.udem.edu.co/index.php/ingenierias/article/view/1164</a>	10.22395/rium
Portafolio para Auto-Generación de Electricidad con Fuentes Renovables en Edificios Comerciales	2016	<a href="http://www.scielo.cl/pdf/infotec/v27n1/art11.pdf">http://www.scielo.cl/pdf/infotec/v27n1/art11.pdf</a>	10.4067/S0718-07642016000100011

## John Wilmer Escobar Velásquez

Título del artículo	Año	URL	DOI
Reoptimization Heuristic for the Capacitated Vehicle Routing Problem	2018	<a href="https://www.hindawi.com/journals/jat/2018/3743710/">https://www.hindawi.com/journals/jat/2018/3743710/</a>	<a href="https://doi.org/10.1155/2018/3743710">https://doi.org/10.1155/2018/3743710</a>
A Two-Phase Heuristic Algorithm for the Problem of Scheduling and Vehicle Routing for Delivery of Medication to Patients	2018	<a href="https://www.hindawi.com/journals/mpe/2018/8901873/">https://www.hindawi.com/journals/mpe/2018/8901873/</a>	<a href="https://doi.org/10.1155/2018/8901873">doi.org/10.1155/2018/8901873</a>

## José Isidro García Melo

Título del artículo	Año	URL	DOI
Digital retrofit: A first step toward the adoption of Industry 4.0 to the manufacturing systems of small and medium-sized enterprises	2020	<a href="https://journals.sagepub.com/doi/10.1177/0954405420904852">https://journals.sagepub.com/doi/10.1177/0954405420904852</a>	10.1177/0954405420904852
Modelling of secondary cooling system with a distributed architecture, using Coloured Petri nets	2019	<a href="http://aprendeenlinea.udea.edu.co/revistas/index.php/ingenieria/issue/view/3397/showToc">http://aprendeenlinea.udea.edu.co/revistas/index.php/ingenieria/issue/view/3397/showToc</a>	10.17533/udea.redin.n91a08
Development of an information system for teleoperated physical rehab care service via Internet. Pilot case: patients with mild knee injury who live in geographically vulnerable zones	2018	<a href="https://revistas.unal.edu.co/index.php/dyna/article/download/67961/66280">https://revistas.unal.edu.co/index.php/dyna/article/download/67961/66280</a>	10.15446/dyna.v85n205.67961
Productive process improvement to elaborate cane train baskets, using Coloured Petri nets	2018	<a href="https://revistas.unal.edu.co/index.php/dyna/article/view/65953">https://revistas.unal.edu.co/index.php/dyna/article/view/65953</a>	<a href="https://doi.org/10.15446/dyna.v85n206.65953">https://doi.org/10.15446/dyna.v85n206.65953</a>
Developing of Industry 4.0 Applications	2017	<a href="http://online-journals.org/index.php/i-joe/article/view/7331/0">http://online-journals.org/index.php/i-joe/article/view/7331/0</a>	<a href="https://doi.org/10.3991/ijoe.v13i10.7331">https://doi.org/10.3991/ijoe.v13i10.7331</a>

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## José Rafael Tovar Cuevas

Título del artículo	Año	URL	DOI
Measuring eating habits and physical activity in children: Synthesis of information using indexes and clusters	2018	<a href="http://journals.iztacala.unam.mx/">http://journals.iztacala.unam.mx/</a>	<a href="https://doi.org/10.22201/fesi.20071523e.2018.2">https://doi.org/10.22201/fesi.20071523e.2018.2</a>
Determinantes sociales de la salud autorreportada: Colombia después de una década	2018	<a href="https://www.revistamundodasaude.com.br/uploads/20170118.PDF">https://www.revistamundodasaude.com.br/uploads/20170118.PDF</a>	10.15343/0104-7809.20184201230247
Penetrating cardiac trauma: analysis of 240 cases from a hospital in Bogota, Colombia	2017	<a href="https://wjeb.biomedcentral.com/articles/10.1186/s13017-017-0138-1">https://wjeb.biomedcentral.com/articles/10.1186/s13017-017-0138-1</a>	10.1186/s13017-017-0138-1

## Juan Carlos Osorio Gómez

Título del artículo	Año	URL	DOI
Priorización multicriterio para la afiliación a un banco de alimentos en Colombia	2020	<a href="https://revistalogos.policia.edu.co:8443/index.php/rlct/issue/view/30">https://revistalogos.policia.edu.co:8443/index.php/rlct/issue/view/30</a>	10.22335/rlct.v12i1.1024
AHP difuso y TOPSIS para la selección de un proveedor 3PL considerando el riesgo operacional	2020	<a href="https://revistas.eia.edu.co/index.php/reveia/article/view/1329/1276">https://revistas.eia.edu.co/index.php/reveia/article/view/1329/1276</a>	10.24050/reia.v17i33.1329
Operational Risk Management in the Pharmaceutical Supply Chain Using Ontologies and Fuzzy QFD	2020	<a href="https://www.sciencedirect.com/science/article/pii/S2351978920321053">https://www.sciencedirect.com/science/article/pii/S2351978920321053</a>	10.1016/j.promfg.2020.10.233
Modeling of repairable multi-state systems with time-varying failure and repair rates using equivalent systems dynamics models	2020	<a href="https://revistas.utp.edu.co/index.php/revistaciencia/article/view/23551">https://revistas.utp.edu.co/index.php/revistaciencia/article/view/23551</a>	10.22517/23447214.23551
EVALUATING THE PERFORMANCE OF COLOMBIAN BANKS BY HYBRID MULTICRITERIA DECISION MAKING METHODS	2020	<a href="https://journals.vgtu.lt/index.php/JBEM/article/view/11758">https://journals.vgtu.lt/index.php/JBEM/article/view/11758</a>	10.3846/jbem.2020.11758
Modelo de dinámica de sistemas para la modelación de cadenas de Markov de tiempo Continuo No homogéneas	2020	<a href="https://revistas.utp.edu.co/index.php/revistaciencia/article/view/22841">https://revistas.utp.edu.co/index.php/revistaciencia/article/view/22841</a>	10.22517/23447214.22841
Operational supply chain risk identification and prioritization using the SCOR model	2019	<a href="https://revistas.javeriana.edu.co/index.php/iyu/article/view/19747">https://revistas.javeriana.edu.co/index.php/iyu/article/view/19747</a>	10.11144/Javeriana.iyu23-1.oscr
Sistema de control de Inventarios multicriterio difuso para repuestos	2019	<a href="http://revistas.utp.edu.co/index.php/revistaciencia/issue/view/1191/showToc">http://revistas.utp.edu.co/index.php/revistaciencia/issue/view/1191/showToc</a>	10.22517/23447214.22331
Metodología multicriterio para la selección de proveedores bajo consideraciones de riesgo	2019	<a href="https://revistas.utp.edu.co/index.php/revistaciencia/article/view/19681/13951">https://revistas.utp.edu.co/index.php/revistaciencia/article/view/19681/13951</a>	10.22517/23447214.19681
Gestión del riesgo operacional en el proceso de transporte de producto terminado en el sector azucarero.	2019	<a href="https://revistas.utp.edu.co/index.php/revistaciencia/article/view/22811">https://revistas.utp.edu.co/index.php/revistaciencia/article/view/22811</a>	10.22517/23447214.22811
Propuesta metodológica para medir el impacto de la certificación ISO 9001 en los resultados del negocio.	2019	<a href="https://revistas.utp.edu.co/index.php/revistaciencia/article/view/16921/14401">https://revistas.utp.edu.co/index.php/revistaciencia/article/view/16921/14401</a>	10.22517/23447214.16921
AHP Topsis para la selección de proveedores considerando el riesgo asociado a la calidad	2018	<a href="http://www.revistaespacios.com/a18v39n16/18391608.html">http://www.revistaespacios.com/a18v39n16/18391608.html</a>	
Modelo multicriterio como soporte a la gestión de residuos de vidrio en una cadena de suministro de ciclo cerrado	2018	<a href="http://www.revistaespacios.com/a18v39n22/18392220.html">http://www.revistaespacios.com/a18v39n22/18392220.html</a>	
Estudio dinámico del reciclaje de envases pet en el Valle del Cauca	2018	<a href="http://repository.lasallista.edu.co:8080/ojs/index.php/rlidi">http://repository.lasallista.edu.co:8080/ojs/index.php/rlidi</a>	10.22507/rti.v15n1a6
Selección de una infraestructura de medición inteligente de energía usando una técnica de decisión multicriterio	2018	<a href="http://revistas.utp.edu.co/index.php/revistaciencia">http://revistas.utp.edu.co/index.php/revistaciencia</a>	10.22517/23447214.17171
Gestión de Inventarios de repuestos considerando el riesgo	2018	<a href="http://www.revistaespacios.com/a18v39n44/18394429.html">http://www.revistaespacios.com/a18v39n44/18394429.html</a>	
Finding the Best Third-Party Logistics in the Automobile Industry: A Hybrid Approach	2018	<a href="https://www.hindawi.com/journals/mpe/2018/5251261/">https://www.hindawi.com/journals/mpe/2018/5251261/</a>	10.1155/2018/5251261
Evaluación del desempeño de un aliado estratégico para operación logística	2018	<a href="http://revistas.utp.edu.co/index.php/revistaciencia/article/view/16961/13101">http://revistas.utp.edu.co/index.php/revistaciencia/article/view/16961/13101</a>	10.22517/23447214.16961
Priorización de despachos en empresas de manufactura usando QFD difuso	2018	<a href="https://revistas.udem.edu.co/index.php/ingenierias/article/view/1635">https://revistas.udem.edu.co/index.php/ingenierias/article/view/1635</a>	10.22395/rium.v17n33a9

## Juan José Bravo Bastidas

Título del artículo	Año	URL	DOI
Análisis causal de reemplazo de equipos médicos radiológicos a causa de obsolescencia tecnológica	2018	<a href="http://www.revistaespacios.com/a18v39n26/18392609.html">http://www.revistaespacios.com/a18v39n26/18392609.html</a>	
Design of an inventory management system in an agricultural supply chain considering the deterioration of the product: the case of small citrus producers in a developing country	2018	<a href="http://www.engineeringscience.rs/images/pdf/561-17696.pdf">http://www.engineeringscience.rs/images/pdf/561-17696.pdf</a>	10.5937/jaes16-17696
Enfoque práctico para la determinación de políticas de inventario centralizadas en un sistema 1-bodega/ n-minoristas a través de simulación/optimización	2017	<a href="https://revistas.eia.edu.co/index.php/reveia/article/view/1159">https://revistas.eia.edu.co/index.php/reveia/article/view/1159</a>	<a href="https://doi.org/10.24050/reia.v14i27.1159">https://doi.org/10.24050/reia.v14i27.1159</a>

## Juan Pablo Orejuela Cabrera

Título del artículo	Año	URL	DOI
Logistics IRP Model for the Supply Chain of Perishable Food	2018	<a href="https://link.springer.com/chapter/10.1007%2F978-3-030-00353-1_4">https://link.springer.com/chapter/10.1007%2F978-3-030-00353-1_4</a>	10.1007/978-3-030-00353-1_4

## Julio César Londoño Ortega

Título del artículo	Año	URL	DOI
A biased-randomized iterated local search for the vehicle routing problem with optional backhauls	2020	<a href="https://www.springer.com/journal/11750">https://www.springer.com/journal/11750</a>	10.1007/s11750-020-00558-x
A strategy based on the open traveling salesman problem to solve the vehicle routing problem with backhauls	2019	<a href="http://www.revistaespacios.com/a19v40n28/in194028.html">http://www.revistaespacios.com/a19v40n28/in194028.html</a>	

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## Leonardo Rivera Cadavid

Título del artículo	Año	URL	DOI
Evaluación del desempeño de Lean Construction	2017	<a href="http://www.revistaespacios.com/a17v38n39/in173839.html">http://www.revistaespacios.com/a17v38n39/in173839.html</a>	
Application of the Taguchi method to improve a medical device cutting process	2016	<a href="http://link.springer.com/journal/170">http://link.springer.com/journal/170</a>	10.1007/s00170-016-8623-3

## Liliana Delgado Hidalgo

Título del artículo	Año	URL	DOI
A computational comparison of cargo prioritization and terminal allocation problem models	2020	<a href="http://www.sciencedirect.com/science/article/pii/S0360835220301844">http://www.sciencedirect.com/science/article/pii/S0360835220301844</a>	10.1016/2020.106450
A Heuristic Approach to Managing Inland Waterway Disruption	2020	<a href="https://www.tandfonline.com/doi/full/10.1080/10429247.2020.1764832">https://www.tandfonline.com/doi/full/10.1080/10429247.2020.1764832</a>	10.1080/10429247.2020.1764832
A practical approach to develop centralized inventory policies for 1-warehouse/N-Retailers systems through simulation /optimization	2017	<a href="http://www.scielo.org.co/pdf/eia/n27/n27a04.pdf">http://www.scielo.org.co/pdf/eia/n27/n27a04.pdf</a>	10.24050/reia.v14i27.1159

## Martha Lucía Quintero

Título del artículo	Año	URL	DOI
Selección de proveedores de insumos críticos en términos de sostenibilidad, a través de la metodología multicriterio, en una empresa del sector azucarero	2020	<a href="https://revistas.unilibre.edu.co/index.php/entramado/issue/view/496">https://revistas.unilibre.edu.co/index.php/entramado/issue/view/496</a>	10.18041/1900-3803

## Pablo César Manyoma Velásquez

Título del artículo	Año	URL	DOI
Análisis multicriterio para la selección de tecnologías avanzadas de oxidación en el tratamiento de contaminantes emergentes	2020	<a href="https://revistas.ufps.edu.co/index.php/respuestas/article/view/2347">https://revistas.ufps.edu.co/index.php/respuestas/article/view/2347</a>	10.22463/0122820X.2347
Influence of mixing ratio and turning frequency on the co-composting of biowaste with sugarcane filter cake: a mixture experimental design	2019	<a href="https://link.springer.com/article/10.1007/s12649-019-00592-2">https://link.springer.com/article/10.1007/s12649-019-00592-2</a>	10.1007/s12649-019-00592-2
A Multi-criteria Decision Analysis of Co-substrate Selection to Improve Biowaste Composting: a Mathematical Model Applied to Colombia	2019	<a href="https://link.springer.com/content/pdf/10.1007/s40710-019-00387-6.pdf">https://link.springer.com/content/pdf/10.1007/s40710-019-00387-6.pdf</a>	10.1007/s40710-019-00387-6
A New Approach for the Optimization of Biowaste Composting Using Artificial Neural Networks and Particle Swarm Optimization	2019	<a href="https://link.springer.com/article/10.1007/s12649-019-00716-8">https://link.springer.com/article/10.1007/s12649-019-00716-8</a>	10.1007/s12649-019-00716-8
Evaluation of mixing ratio and frequency of turning in the co-composting of biowaste with sugarcane filter cake and star grass	2019	<a href="https://reader.elsevier.com/reader/sd/pii/S0956053X19304593?token=D2B6843AD2ABF50DCD18FD3CFD62AF849B5FFBE158FC910B23A703E05E20EF632843705B6CCF6F228CD1B4205F4CD136">https://reader.elsevier.com/reader/sd/pii/S0956053X19304593?token=D2B6843AD2ABF50DCD18FD3CFD62AF849B5FFBE158FC910B23A703E05E20EF632843705B6CCF6F228CD1B4205F4CD136</a>	10.1016/j.wasman.2019.07.015
Tendencias de Investigación en la Cadena de Suministro de Residuos Sólidos Municipales	2019	<a href="https://scielo.conicyt.cl/pdf/infotec/v30n4/0718-0764-infotec-30-04-00147.pdf">https://scielo.conicyt.cl/pdf/infotec/v30n4/0718-0764-infotec-30-04-00147.pdf</a>	10.4067/S0718-07642019000400147
Selection of inocula conditioning methodologies for the anaerobic digestion of food waste	2019	<a href="http://www.scielo.org.co/pdf/rfiua/n92/0120-6230-rfiua-92-00009.pdf">http://www.scielo.org.co/pdf/rfiua/n92/0120-6230-rfiua-92-00009.pdf</a>	10.17533/udea.redin.20190510
Supply Chain Optimization for Energy Cogeneration Using Sugarcane Crop Residues (SCR)	2019	<a href="https://www.mdpi.com/2071-1050/11/23/6565">https://www.mdpi.com/2071-1050/11/23/6565</a>	10.3390/su11236565
Evaluation of water use in food SMEs: case study of a poultry processing plant in Colombia	2018	<a href="https://revistas.unal.edu.co/index.php/dyna/article/view/68809">https://revistas.unal.edu.co/index.php/dyna/article/view/68809</a>	10.15446/dyna.v85n206.68809
Compostaje de biorresiduos: Tendencias de investigación y pertinencia en países en desarrollo	2017	<a href="https://revistas.unal.edu.co/index.php/dyna/article/view/61549">https://revistas.unal.edu.co/index.php/dyna/article/view/61549</a>	10.15446/dyna.v84n203.61549

## Stephanía Mosquera López

Título del artículo	Año	URL	DOI
A comparative analysis of stock market cycles	2016	<a href="http://www.tandfonline.com/doi/full/10.1080/17520843.2015.1123744">http://www.tandfonline.com/doi/full/10.1080/17520843.2015.1123744</a>	10.1080/17520843.2015.1123744