

Productividad Académica del Nucleo Académico Básico

Año de pub	Estatus	Título del Libro	Editorial	Posición del autor	Lista de autores	ISBN
Libros						
2013	Publicado	Simulación y Análisis de Sistemas con Promodel	Pearson	3	García Dunna, Eduardo. García Reyes, Heriberto. Cárdenas Barrón, Leopoldo Eduardo.	9786073215114
Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
2016	Rev. Indiz.	A multi-machine multi-product EPQ problem for an imperfect manufacturing system considering utilization and allocation decisions	Expert Systems with Applications	3	Nobil, A.H., Sedigh, A.H.A., Cárdenas-Barrón, L.E.	
2016	Rev. Indiz.	An EOQ inventory model with partial backordering and reparation of imperfect products	International Journal of Production Economics	3	Taleizadeh, A.A. Khanbaglo, M.P.S., Cárdenas-Barrón, L.E.	
2016	Rev. Indiz.	An economic production quantity (EPQ) inventory model with backorders considering the raw material costs	Scientia Iranica	2	Pacheco-Velázquez, E. A., Cárdenas-Barrón, L.E.	
2016	Rev. Indiz.	Corrigendum to "An optimal solution to a three echelon supply chain network with multi-product and multi-period"	Applied Mathematical Modelling	1	Cárdenas-Barrón, L.E., Treviño-Garza, G.	
2016	Rev. Indiz.	Impact of trade credit and inflation on retailer's ordering policies for noninstantaneous deteriorating items in a twowarehouse environment	International Journal of Production Economics	2	Tiwari, S., Cárdenas-Barrón, L.E., Khanna, A., Jaggi, C.K.	
2016	Rev. Indiz.	Inventory lot-size policies for deteriorating items with expiration dates and advance payments	Applied Mathematical Modelling	2	Teng, J.T., Cárdenas-Barrón, L.E., Chang, H.J., Wu, J., Hu, Y.	
2016	Rev. Indiz.	Inventory models for deteriorating items with maximum lifetime under downstream partial trade credits to creditrisk customers by discounted cashflow analysis	International Journal of Production Economics	4	Wu, J., Al-khateeb, F.B., Teng, J.T., Cárdenas-Barrón, L.E.	

**Cárdenas Barrón
Leopoldo Eduardo**

2016	Rev. Indiz.	Optimization of the distribution and localization of wireless sensor networks based on differential evolution approach	Mathematic al Problems in Engineering	4	Céspedes-Mota, A., Castañón, G., MartínezHerrera, A.F., CárdenasBarrón, L.E.	
2016	Rev. Indiz.	Pricing and lot sizing for an EPQ inventory model with rework and multiple shipments	TOP	3	Taleizadeh, A.A., Kalantari, S.S., Cárdenas-Barrón, L.E.,	
2015	Rev. Indiz.	A multiproduct single machine economic production quantity model for an imperfect production system under warehouse construction cost	International Journal of Production Economics	4	Pasandideh, S.H.R., Niaki, S.T.A., Nobil, A.H., Cárdenas-Barrón, L.E.	
2015	Rev. Indiz.	A new approach to solve the multi-product multi-period inventory lot sizing with supplier selection problem	Computers and Operations Research	1	Cárdenas-Barrón, L.E., González-Velarde, J.L., Treviño-Garza, G.	
2015	Rev. Indiz.	An Inventory model with trade-credit policy and variable deterioration for fixed lifetime	Annals of Operation Research	3	Sarkar, B. Saren, S. Cárdenas-Barrón, L.E.	0254-5330
2015	Rev. Indiz.	Determining optimal price, replenishment lot size and number of shipments for an EPQ model with rework and multiple shipments	Journal of Industrial and Management Optimization	3	Taleizadeh, A.A. Kalantari, S.S. Cárdenas-Barrón, L.E.	1547-5816
2015	Rev. Indiz.	Determining replenishment lot size and shipment policy for an EPQ inventory model with delivery and rework	Mathematic al Problems in Engineering	1	Cárdenas-Barrón, L.E., Treviño-Garza, G., Taleizadeh, A.A., Pandian V.	
2015	Rev. Indiz.	EOQ model for imperfect quality items with partial backorders and screening constraint	European Journal of Industrial Engineering	5	Wang, W.T., Wee, H.M., Cheng, Y.L., Wen, C.L., Cárdenas-Barrón, L.E.	
2015	Rev. Indiz.	Enhancing the management of shared inventory in the steel industry using RFID: An alternative to bar codes	International Journal of Machine Learning and Cybernetics	4	Talavera, H.E., Banks, J., Smith, N.R, Cárdenas-Barrón, L.E.	
2015	Rev. Indiz.	Incorporating human learning into a fuzzy EOQ inventory model with backorders	Computers and Industrial Engineering	3	Kazemi, N. Shekarian, E. Cárdenas-Barrón, L.E. Olugu, E.U.	
2015	Rev. Indiz.	Joint Determination of the lot size and number of shipments for a family of integrated vendor-buyer systems considering defective products	International Journal of Systems Science	3	Treviño-Garza, G. Castillo-Villar, K.K. Cárdenas-Barrón, L.E.	
2015	Rev. Indiz.	Joint optimization of price, replenishment frequency, replenishment cycle and product rate in vendor managed inventory systems with deteriorating items	International Journal of Production Economics	3	Taleizadeh, A.A. Noori-daryan, M. Cárdenas-Barrón, L.E.	0925-5273
2015	Rev. Indiz.	Methods of selection and identification of RFID tags	International Journal of Machine Learning and Cybernetics	4	Hervert-Escobar, L., Smith, N.R, Rodríguez-Cruz, J.R., Cárdenas-Barrón, L.E.	

2015	Rev. Indiz.	Multi-item EOQ inventory model in a two-layer supply chain while demand varies with a promotional effort	Applied Mathematical Modelling	1	Cárdenas-Barrón, L.E., Sana, S.S.	
2015	Rev. Indiz.	Retailer's decision for ordering and credit policies for deteriorating items when supplier offers order-linked credit period or cash discount	Applied Mathematics and Computation	2	Nita H.S. Cárdenas-Barrón, L.E.	
2014	Rev. Indiz.	A CONSTRAINED MULTI-PRODUCTS EPQ INVENTORY MODEL WITH DISCRETE DELIVERY ORDER AND LOT SIZE	Applied Mathematics and Computation	1	Cárdenas-Barrón, L.E. Treviño-Garza, G. Widyadana, G.A. Wee, H.M.,	0096-3003
2014	Rev. Indiz.	A DETERMINISTIC MULTI PRODUCT SINGLE MACHINE EPQ MODEL WITH BACKORDERING, SCRAPED PRODUCTS, REWORK AND INTERRUPTION IN MANUFACTURING PROCESS	Applied Mathematics and Computation	2	Taleizadeh, A.A. Cárdenas-Barrón, L.E. Mohammadi, B.	0925-5273
2014	Rev. Indiz.	A PRODUCTION INVENTORY MODEL FOR A TWO-ECHELON SUPPLY CHAIN WHEN DEMAND IS DEPENDENT ON SALES TEAMS INITIATIVES	International Journal of Production Economics			0925-5273
2014	Rev. Indiz.	A STOCHASTIC PROFIT MAXIMIZING ECONOMIC LOT SCHEDULING PROBLEM WITH PRICE OPTIMIZATION	European Journal of Industrial Engineering	3	Salvietti, L., Smith, N.R, Cárdenas-Barrón, L.E.	1751-5254
2014	Rev. Indiz.	AN EPQ INVENTORY MODEL WITH RANDOM DEFECTIVE RATE, REWORK PROCESS AND BACKORDERS FOR A SINGLE STAGE PRODUCTION SYSTEM	Journal of Manufacturing Systems	2	Sarkar, B. Cárdenas-Barrón, L.E., Sarkar, M., Singghi, M.L.	0278-6125
2014	Rev. Indiz.	AN INVENTORY MODEL WITH NON-INSTANTANEOUS RECEIPT AND EXPONENTIALLY DETERIORATING ITEMS FOR AN INTEGRATED THREE LAYER SUPPLY CHAIN SYSTEM UNDER TWO LEVELS OF TRADE CREDIT	International Journal of Production Economics	2	Chung, K.J., Cárdenas-Barrón, L.E., Ting, P.S.	0925-5273
2014	Rev. Indiz.	CELEBRATING A CENTURY OF THE ECONOMIC ORDER QUANTITY MODEL IN HONOR OF FORD WHITMAN HARRIS	International Journal of Production Economics	1	Cárdenas-Barrón, L.E., , Chung, K.J., Treviño-Garza, G..	0925-5273
2014	Rev. Indiz.	OPTIMAL CREDIT PERIOD AND LOT SIZE FOR DETERIORATING ITEMS WITH EXPIRATION DATES UNDER TWO-LEVEL TRADE CREDIT FINANCING	European Journal of Industrial Engineering	3	Wu, J., Ouyang, L. Y., Cárdenas-Barrón, L.E., Goyal, S.K.	0377-2217

2014	Rev. Indiz.	RETAILER'S ECONOMIC ORDER QUANTITY WHEN THE SUPPLIER OFFERS CONDITIONALLY PERMISSIBLE DELAY IN PAYMENTS LINK TO ORDER QUANTITY	International Journal of Production Economics	2	Chen, S.-C., Cárdenas-Barrón, L.E., Teng, J.T.	0925-5273
2013	Rev. Arbitrada	EASY AND IMPROVED ALGORITHMS TO JOINT DETERMINATION OF THE REPLENISHMENT LOT SIZE AND NUMBER OF SHIPMENTS FOR AN EPQ MODEL WITH REWORK	Mathematical and Computational Applications	1	Cárdenas-Barrón L.E., Sarkar, B., Treviño-Garza, G.	1300-686X
2013	Rev. Indiz.	A COMPREHENSIVE EXTENSION OF THE OPTIMAL REPLENISHMENT DECISIONS UNDER TWO LEVELS OF TRADE CREDIT POLICY DEPENDING ON THE ORDER QUANTITY	Applied Mathematics and Computation	4	Ouyang, L.-Y., Yang, C.-T., Chan, Y.L., Cárdenas-Barrón L.E.	0096-3003
2013	Rev. Indiz.	AN ALTERNATIVE ANALYSIS AND SOLUTION PROCEDURE FOR THE EPQ MODEL WITH REWORK PROCESS AT A SINGLE-STAGE MANUFACTURING SYSTEM WITH PLANNED BACKORDERS	Computers and Industrial Engineering			0360-8352
2013	Rev. Indiz.	AN EOQ MODEL FOR PERISHABLE PRODUCT WITH SPECIAL SALE AND SHORTAGE	International Journal of Production Economics		Taleizadeh, A.A., Mohammadi, B., Cárdenas-Barrón, L.E., Samimi, H.	0925-5273
2013	Rev. Indiz.	AN IMPROVED SOLUTION TO THE REPLENISHMENT POLICY FOR THE EMQ MODEL WITH REWORK AND MULTIPLE SHIPMENTS	Applied Mathematics and Modelling		Cárdenas-Barrón L.E., Sarkar, B., Treviño-Garza, G.,	0307-904X
2013	Rev. Indiz.	OPTIMAL ECONOMIC ORDER QUANTITY FOR BUYER DISTRIBUTOR VENDOR SUPPLY CHAIN WITH BACKLOGGING DERIVED WITHOUT DERIVATIVES	International Journal of Systems Science		Teng, J.T., Cárdenas-Barrón L.E., Lou, K.R., Wee, H.M.	0020-7721

2013	Rev. Indiz.	SOLVING A FINITE HORIZON EPQ PROBLEM WITH BACKORDERS	Applied Mathematics and Modelling	3	Wee, H.M., Wang, W.T., Lee, M.C., Cárdenas-Barrón, L.E.	0307-904X
2013	Rev. Indiz.	SUPPLY CHAIN MODELS FOR AN ASSEMBLY SYSTEM WITH PREPROCESSING OF RAW MATERIALS: A SIMPLE AND BETTER ALGORITHM	Applied Mathematics and Modelling	1	Cárdenas-Barron, L.E., Porter, J.D.	0307-904X
2013	Rev. Indiz.	THE SIMPLIFIED SOLUTION PROCEDURE FOR DETERIORATING ITEMS UNDER STOCKDEPENDENT DEMAND AND TWO-LEVEL TRADE CREDIT IN THE SUPPLY CHAIN MANAGEMENT	Applied Mathematics and Modelling	2	Chung, K.J., Cárdenas-Barrón L.E.,	0307-904X
2012	Rev. Arbitrada	A NOTE ON MODELS FOR A FAMILY OF PRODUCTS WITH SHELF LIFE, AND PRODUCTION AND SHORTAGE COSTS IN EMERGING MARKETS	International Journal of Industrial Engineering Computations	1	Cardenas-Barron, L.E.	1923-2934
2012	Rev. Arbitrada	MULTI PRODUCTS SINGLE MACHINE EPQ MODEL WITH IMMEDIATE REWORK PROCESS	International Journal of Industrial Engineering Computations	2	Taleizadeh, A.A., Cárdenas-Barrón L.E., Biabani, J., Nikousokhan, R.	1923-2934
2012	Rev. Indiz.	A COMPLEMENT TO "A COMPREHENSIVE NOTE ON: AN ECONOMIC ORDER QUANTITY WITH IMPERFECT QUALITY AND QUANTITY DISCOUNTS"	Applied Mathematics and Modelling	1	Cardenas-Barron, L.E.	0307-904X
2012	Rev. Indiz.	A SIMPLE AND BETTER ALGORITHM TO SOLVE THE VENDOR MANAGED INVENTORY CONTROL SYSTEM OF MULTIPRODUCT MULTICONSTRAINT ECONOMIC ORDER QUANTITY MODEL	Expert Systems With Applications	1	Cárdenas-Barrón, L.E. Treviño-Garza, G., Wee, H.M.	0957-4174

2012	Rev. Indiz.	AN IMPROVED ALGORITHM AND SOLUTION ON AN INTEGRATED PRODUCTIONINVENTORY MODEL IN A THREE-LAYER SUPPLY CHAIN	International Journal of Production Economics	1	Cárdenas-Barrón, L.E., Teng, J.T., Treviño-Garza, G., Wee, H.M., Lou, K.R.	0925-5273
2012	Rev. Indiz.	AN IMPROVED SOLUTION TO REPLENISHMENT LOT SIZE PROBLEM WITH DISCONTINUOUS ISSUING POLICY AND REWORK, AND THE MULTIDELIVERY POLICY INTO ECONOMIC PRODUCTION LOT SIZE PROBLEM WITH PARTIAL REWORK	Expert Systems with Applications	1	Cárdenas-Barrón, L.E., Taleizadeh, A.A., Treviño-Garza, G.	0957-4174
2012	Rev. Indiz.	THE COMPLETE SOLUTION PROCEDURE FOR THE EOQ AND EPQ INVENTORY MODELS WITH LINEAR AND FIXED BACKORDER COSTS	Applied Mathematics and Modelling	2	Chung, K.J., Cárdenas-Barrón L.E.	0895-7177

	Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
Castañares Márquez Eduardo	2013	Memoria de Congreso	MODELO DE CALIDAD PARA LA INFRAESTRUCTUR A URBANA DE UN PROYECTO INMOBILIARIO	V ELAGEC 2013	3	Davis Campoy Miguel Rodolfo, García Rodríguez Salvador, Castañares Márquez Eduardo y Cremades Oliver Lazaro	
	2013	Memoria de Congreso	TRAZABILIDAD DE LA CALIDAD EN LA PRODUCCIÓN DE VIVIENDA	V ELAGEC 2013	3	Salvador García Rodríguez, Miguel, Rodolfo Davis Campoy, Eduardo Castañares Márquez, Pablo Salazar	
	Año de pub	Estatus	Título del Libro	Editorial	Posición del autor	Lista de autores	ISBN
García Reyes Heriberto	2012	Publicado	Simulación y Análisis de Sistemas con Promodel	Pearson, México	2	García Dunna, Eduardo. García Reyes, Heriberto. Cárdenas Barrón, Leopoldo Eduardo.	9786073215114
	Año de pub		Nombre del Dearrollo	Tipo		Beneficiario	

2013	PLANEACIÓN ESTRATÉGICA PAR LA INGENIERÍA 2030	Actividad Profesional		UNIVERSIDAD DE LOS LAGOS, PUERTO MONTT, CHILE
2013	DESARROLLO DE LÍNEA DE PRODUCCIÓN DE MOCHILAS ESCOLARES	Actividad Profesional		Gobierno Municipio de Monterrey
2013	MODELO DE IMPLEMENTACIÓN DE LA CULTURA ESBELTA EN TUBACERO	Actividad Profesional		Tubacero
2012	MODELO DE ASEGURAMIENTO DE CALIDAD EN LAS OPERACIONES DE PASA SA	Actividad Profesional		Promotora Ambientan S.A.B.
Año de pub	Artículos	Instancia a la que presenta el reporte	Posición	Lista de autores
2014	PLANEACIÓN ESTRATÉGICA PAR LA INGENIERÍA 2030	UNIVERSIDAD DE LOS LAGOS, PUERTO MONTT, CHILE	1	Dr. Heriberto García Reyes, Dra. María del CarmenTemblador Pérez, Dra. Imelda de Jesús, Loera Hernández, MSc. Graciela Caffarel, Rodríguez, Dra. María Ileana Ruiz Cantisani, Dr. Jaime Bonilla Ríos
2013	IDENTIFICACIÓN DE REQUERIMIENTOS PARA LA IMPLEMENTACIÓN DE LOS PROCESOS DE LA COMERCIALIZADORA GRUMA MÉXICO	GRUMA MÉXICO (COORPORATIVO)	1	Dr. Heriberto García Reyes, Ing. José AlejandroTatay Galán, Alejandra Margarita Ibarra Noriega
2013	MEJORAMIENTO DE PRODUCTIVIDAD	TUBACERO	1	Heriberto García Reyes, Carlos Arévalo Pereira, Yamil Zúñiga Morales, Marco Morales Fernández
2012	DOCUMENTACIÓN DE MANEJO DE RESIDUOS DOMÉSTICOS	PROMOTORA AMBIENTAL	1	Dr. Heriberto García Reyes, Ing. Juan José Hinojosa, Cavazos, Jessica Joanna Castillo Santos, Ricardo Sáenz Tamez, Ana Edith Campos Suárez del Real, Jorge Alberto Ramos Aguirre
2012	MAPEO DE PROCESO DE CADENA DE SUMINISTRO DIVISIÓN TRIGO	GRUMA COORPORATIVO	1	Dr. Heriberto García Reyes, Dra. Imelda de Jesús Loera Hernández, José Alejandro Tatay Galán (MCP), Estefany Aydeé Duque Luna, Cesia Lorena de la Garza Garza, Alejandra Margarita, Ibarra Noriega, Liliana Aidee Tamez, Herrera

2012	MAPEO DE PROCESOS PARA LA LOCALIZACIÓN DE ÁREAS DE OPORTUNIDAD	QUÍMICA GÓNICAL	1	Dr. Heriberto García Reyes, Dra. Imelda de Jesús Loera Hernández, Ing. Andrés Felipe Arango Gómez (MCP), Ing. José Alejandro Tatay Galán (MCP), Estefany Aydeé Duque Luna, Cesia Lorena de la Garza Garza, Alejandra Margarita Ibarra Noriega, Luis Armendáriz Guajardo
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2012	MAPEO DE PROCESO DE CADENA DE SUMINISTRO DIVISIÓN MAÍZ	GRUMA COORPORATIVO	1	Dr. Heriberto García Reyes, Dra. Imelda de Jesús Loera Hernández, José Alejandro Tatay Galán (MCP), Estefany Aydeé Duque Luna, Cesia Lorena de la Garza
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Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
2013	Rev. Arbitradas	DESIGN OF AN ASSESSMENT TOOL TO DETERMINE THE QUALITY LEVEL OF FOOD BANKS PROCESSES	Proceedings of the IIE Annual Conference and Expo 2013	1	Dr. Heriberto García Reyes, Dra. María del Carmen Temblador Pérez, Dra. Imelda de Jesús Loera Hernández, MSc. Graciela Caffarel Rodríguez, Dra. María Ileana Ruiz Cantisani Dr. Jaime Bonilla Ríos	978-0-9837624-2-3

Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
2016	Rev. Indiz.	A comparison of manufacturing and disassembly systems from a cellular configuration point of view.	International Journal on Advanced Manufacturing Technology	3	Mar-Ortiz, Julio. Adenso-Díaz, Belarmino. GonzálezVelarde, José Luis	0268-3768
2016	Rev. Indiz.	A novel model for arc territory design: promoting Eulerian districts	International Transactions in Operational Research	2	Garcia-Ayala, Gabriela, González-Velarde, José Luis, Ríos-Mercado, Roger Z., Fernandez, Elena.	0969-6016
2015	Rev. Indiz.	A Heuristic Algorithm for a Supply Chains ProductionDistribution Planning	Computers and Operations Research	3	José Fernando Camacho Vallejo, Rafael Muñoz Sánchez, José Luis González Velarde	0305-0548
2015	Rev. Indiz.	A Scatter Search Algorithm for Solving a Bilevel Optimization Model for Determining Highway Tolls	Computación y Sistemas	1	José Luis González Velarde, José Fernando Camacho Vallejo, Gabriel Pinto Serrano	1405-5546

**González Velarde
José Luis**

	2015	Rev. Indiz.	A new approach to solve the multi-product inventory lot sizing with supplier selection problem	Computers and Operations Research	2	Cárdenas-Barrón, Leopoldo, GonzálezVelarde, José Luis, Garza-Trevino, Gerardo	0305-0548
	2014	Rev. Indiz.	A VNS ALGORITHM FOR A DISASSEMBLY CELL FORMATION PROBLEM WITH DEMAND VARIABILITY	European Journal of Industrial Engineering	2	Julio Mar Ortiz José Luis González Velarde Belarmino Adenso Díaz	1751-5262
	2014	Rev. Indiz.	BIASED RANDOM KEYS GENETIC ALGORITHM FOR THE TACTICAL BERTH ALLOCATION PROBLEM	Applied Soft Computing	2	Eduardo Lalla Ruiz, José Luis González Velarde, Belén Melián Batista, J. Marcos Moreno Vega	1568-4946
	2014	Rev. Indiz.	RANDOMIZED HEURISTICS FOR THE FAMILY TRAVELING SALESPERSON PROBLEM	International Transactions in Operational Research	2	Luis F. Morán Mirabal, José Luis González Velarde, Mauricio G. C. Resende	0969-6016
	2013	Memorias de Congresos	Automatic tuning of GRASP with Evolutionary Path Relinking	Lecture Notes in Computer Science	2	Morán-Mirabal, L., González-Velarde, J. L., Resende, M.G.C.R.	
	2013	Rev. Indiz.	A METAHEURISTIC ALGORITHM TO SOLVE THE SELECTION OF TRANSPORTATION CHANNELS IN SUPPLY CHAIN DESIGN	International Journal of Production Economics	3	Elías Olivares Benítez, Roger Z. Ríos Mercado, José Luis González Velarde	0925-5273
	2013	Rev. Indiz.	HYBRID ESTIMATION OF DISTRIBUTION ALGORITHM FOR THE QUAY CRANE SCHEDULING PROBLEM	Applied Soft Computing	2	Chritopher Expósito, Izquierdo, José Luis, González Velarde, Belén, Melián Batista, J. Marcos, Moreno Vega	1568-4946
	2013	Rev. Indiz.	RANDOMIZED HEURISTICS FOR HANDOVER MINIMIZATION IN MOBILTY NETWORKS	Journal of Heuristics			1381-1231
	2012	Rev. Indiz.	A DIVIDE-AND CONQUER APROACH TO COMMERCIAL TERRITORY DESIGN	Computación y Sistemas	2	M. Angélica Salazar-Aguilar, José Luis González-Velarde, Roger Z. Ríos-Mercado	1405-5546
	2012	Rev. Indiz.	MULTIOBJECTIVE SCATTER SEARCH FOR A COMMERCIAL TERRITORY DESIGN PROBLEM	Annals of Operations Research			0254-5330
Guedea Elizalde Federico	2014	Memorias de congresos	Automated planning for pick-and-place robot	(2013) ICAART 2013 Proceedings of the 5th Internationa l Conference on Agents and Artificial Intelligence	2	Villegas-Hernández, Yazmín., GuedeaElizalde, Federico	
	2014	Memorias de congresos	Research proposal in probabilistic planning search	ICAART 2014 Proceedings of the 6th Internationa l Conference on Agents and Artificial Intelligence	1	Villegas-Hernández, Yazmín., GuedeaElizalde, Federico	

2014	Rev. Indiz.	Adaptive control optimization system for minimizing production cost in hard milling operations	International Journal of Computer Integrated Manufacturing	4	Silva-Alcaraz, J. A.; Abellán-Nebot, J. V.; Siller-Carrillo, H. R.; Guedea-Elizalde, F.
2014	Rev. Indiz.	AUTOMATED PLANNING FOR PICK-AND-PLACE ROBOT	(2013) ICAART 2013 Proceedings of the 5th International Conference on Agents and Artificial Intelligence		
2014	Rev. Indiz.	RESEARCH PROPOSAL IN PROBABILISTIC PLANNING SEARCH	ICAART 2014 Proceedings of the 6th International Conference on Agents and Artificial Intelligence		
2012	Rev. Arbitradas	AUTOMATIC PLANNING IN A ROBOTIZED CELL	Lecture Notes in Computer Science	1	Guedea-Elizalde, F., Villegas-Hernandez, Y. S.

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2014	Rev. Indiz.	DIAGNOSING AND ENHANCING INNOVATION CAPABILITIES IN SMES	Institute of Industrial Engineers			978098376243-0
2014	Rev. Indiz.	LA PSICOSOCIOLOGÍA APLICADA A LA PREVENCIÓN DE RIESGOS LABORALES EN EL SECTOR DE LA CONSTRUCCIÓN PARTE I	REVISTA DEL COLEGIO DE INGENIEROS CIVILES			
2014	Rev. Indiz.	LA PSICOSOCIOLOGÍA APLICADA A LA PREVENCIÓN DE RIESGOS LABORALES EN EL SECTOR DE LA CONSTRUCCIÓN PARTE II	REVISTA DEL COLEGIO DE INGENIEROS CIVILES			
2014	Rev. Indiz.	LABOR PRODUCTIVITY IN PROJECTS OF CONSTRUCTION AND INDUSTRIAL MAINTENANCE	KEY ENGINEERING MATERIALS			1662-9795
2014	Rev. Indiz.	PRODUCTIVITY AND STANDARDIZATION IN CONSTRUCTION AND INDUSTRIAL MAINTENANCE	APPLIED MECHANICS AND MATERIALS			1660-9336
2013	Rev. Arbitradas	DESIGN OF AN ASSESSMENT TOOL TO DETERMINE THE QUALITY LEVEL OF FOOD BANKS PROCESSES	Proceedings of the IIE Annual Conference and Expo 2013	3	Imelda de Jesús Loera Hernández, Graciela Caffarel Rodríguez, Heriberto García Reyes, Paola Andrea Claros Ortuño	978-0-9837624-2-3

**Loera Hernández
Imelda de Jesús**

	2014	Rev. Indiz.	PRODUCTIVIDAD EN CONSTRUCCIÓN Y MANTENIMIENTO INDUSTRIAL	INGENIERÍA, MECÁNICA ELÉCTRICA, INDUSTRIAL Y RAMAS AFINES			978-959.247-110-8
	2013	Rev. Indiz.	PRODUCTIVITY IN CONSTRUCTION AND INDUSTRIAL MAINTENANCE	PROCEDIA ENGINEERING			1877-7058
	2012	Rev. Indiz.	DIAGNOSING TOOL FOR LEVEL OF MATURITY OF ORGANIZATIONAL INNOVATION CAPABILITIES	Institute of Industrial Engineers			
	Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
Sánchez García José Manuel	2013	Memorias de Congresos	EVALUACION DE LA EXCELENCIA OPERACIONAL DE LOS SISTEMAS DE SOPORTE EN LA CADENA DE SUMINISTRO	43° Congreso de Investigación y Desarrollo del Tecnológico de Monterrey: Ciencia para el Desarrollo	1	Sanchez, José M, Hector, Alonso Aguilar Navarro	
	2013	Memorias de Congresos	MODELO TECNOLÓGICO PARA EL DESARROLLO DE UN PROYECTO LOGÍSTICO USANDO LEAN SIX SIGMA	43° Congreso de Investigación y Desarrollo del Tecnológico de Monterrey: Ciencia para el Desarrollo	2	Mantilla C. Olga y Jose M. Sánchez	
Temblador Pérez María del Carmen	Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
	2013	Memorias de Congresos	INTEGRATING LEAN AND SIX SIGMA FOR A HOLISTIC PROCESS PERFORMANCE IMPROVEMENT	Memorias del Congreso ISERC 2013	2	Cecilia Martínez León, Carmen Temblador Myrna Flores	
	2013	Memorias de Congresos	WASTE ANALYSIS FOR LEAN OPERATION SYSTEMS: A PRELIMINARY FRAMEWORK	Memorias del Congreso ISERC 2013	2	Cecilia Martínez León, Carmen Temblador Myrna Flores	
	2012	Memorias de Congresos	A DETAILED DLMAIE ROADMAP FOR TRANSACTIONAL LEAN SIX SIGMA PROJECTS	Industrial and Systems Engineering Research Conference Proceedings	5	SONIA REBECA RODRIGUEZ-RASCON, JOSE G. RAMIREZ GALINDO, RODRIGO E. PEIMBERT, ALBERTO A., HERNANDEZ-LUNA, CARMEN TEMBLADOR	
	2012	Memorias de Congresos	A REVIEW OF TRANSACTIONAL LEAN SIX SIGMA	Industrial and Systems Engineering Research Conference Proceedings	2	ZAMIRA DEL VALLE BARBOSA, CARMEN TEMBLADOR	

2012	Memorias de Congresos	ACTIVITIES ROADMAPS FOR SIX SIGMA	American Society for Engineering Management	2	María-Isabel Salazar- Alvarez, Carmen Temblador
2012	Memorias de Congresos	LEAN SIX SIGMA NON ANALYTICAL TOOLS IN THE INNOVATION PHASE	Industrial and Systems Engineering Research Conference Proceedings	2	ANDRÉS FELIPE ARANGO GÓMEZ, CARMEN TEMBLADOR
2012	Memorias de Congresos	MODIFIED VALUE STREAM MAPPING FOR SIX SIGMA MEASUREMENT PHASE	Industrial and Systems Engineering Research Conference Proceedings	2	PAOLA ANDREA CLAROS ORTUÑO, CARMEN TEMBLADOR
2012	Memorias de Congresos	MONITORING QUADRATIC BEHAVIOR WITH NON-CONSTANT STANDARD DEVIATION	Industrial and Systems Engineering Research Conference Proceedings	2	JOSE G. RAMIREZ GALINDO, CARMEN TEMBLADOR, MARIO G. BERUVIDES, ALVARO E. CORDERO FRANCO,
2012	Memorias de Congresos	RECURRING PATTERN IDENTIFICATION IN A SIX SIGMA PROJECT	Industrial and Systems Engineering Research Conference Proceedings	2	DANIEL MORENO SANCHEZ, CARMEN TEMBLADOR, GABRIEL DE LA-TORRE CASTRO
2012	Memorias de Congresos	REVIEW OF TOOLS FOR CAPABILITY ANALYSIS FOR NON NORMAL PROCESS BEHAVIOR	Industrial and Systems Engineering Research Conference Proceedings	2	MARÍA ISABEL SALAZAR ALVAREZ, CARMEN TEMBLADOR
2012	Rev. Indiz.	NONPARAMETRIC ESTIMATOR FOR THE TIME OF A STEP CHANGE IN THE TREND OF RANDOM WALK MODELS WITH DRIFT	Quality and Reliability Engineering International	2	Víctor G Tercero- Gómez, María del Carmen Temblador-Pérez, Mario Beruvides, Alberto Hernández-Luna

Año de pub	Artículos	Instancia a la que presenta el reporte	Posición	Lista de autores
2012	REPORTE DISEÑO PARA RECONOCIMIENTO DE PROBLEMAS	BEPENSA	2	Omar Sangabriel, Jacobo Tijerina
2012	ANÁLISIS OPERATIVO INTERNO	CEMEX		Gabriel de la Torre, Eliceo Hernandez, Santiago Gomez, Paola Claros
2012	FORECASTING BASICS	CEMEX	1	María Isabel Salazar Alvarez
2012	CONOCIMIENTO ESTADÍSTICO DE CLIENTES: ZONA CENTRO	CEMEX	2	Zamira Del Valle Gabriel de la Torre, Héctor Chena
2012	FASE DE INNOVACIÓN/INCREMENTO	CEMEX	1	María Isabel Salazar Alvarez

	2012		MODELO DE INTERVENCIÓN PARA CONSULTORÍA DE MICROEMPRESAS (LSS)	IDESS	2	Nicolas Montalvo Matias, Jairo A. Ruiz Nava	
	2012		REPORTE APLICACIÓN DE MODELO DE LSS DE PATRONES DE CANCELACIÓN EN LA INDUSTRIA CEMENTERA	CEMEX	2	Zamira del Valle Barbosa, Gabriel de la Torre	
	Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
	2016	Rev. Indiz	An adaptive ARX model to estimate the RUL of aluminum plates based on its crack growth	Mechanical Systems and Signal Processing			
	2016	Rev. Indiz	Regressing sample quantiles to perform nonparametric capability analysis	The International Journal of Advanced Manufacturing Technology			
	2016	Rev. Indiz	Statistical Monitoring of Condition Degradation in Maintenance: A State-of-the-Art Review	Proceedings of the 2016 Industrial and Systems Engineering Research Conference			
	2016	Rev. Indiz	Trend and fractality assessment of Mexico's stock exchange	Applied Mathematic and Computation			0096-3003
Tercero Gómez Víctor Gustavo	2015	Rev. Indiz	An Evolution of change-point estimators for a sequence of normal observations with unknown parameters	Communications in Statistics Simulation and Computation			
	2015	Rev. Indiz	Clustering of Rainfall Stations in RH-24 Mexico Region Using the Hurst Exponent in Semivariograms	Mathematical Problems in Engineering			
	2014	Rev. Indiz.	A HIERARCHICAL CHANGE POINT MODEL TO ESTIMATE THE MOMENT OF A CHANGE IN SERIES OF INDEPENDENT NORMAL OBSERVATIONS	Proceedings of the 2014 Industrial and Systems Engineering Research Conference			
	2014	Rev. Indiz.	A SYSTEMIC ANALYSIS OF PROFESSIONAL CERTIFICATION RATES: THE CASE OF A SIX SIGMA TRAINING CERTIFICATE PROGRAM	Engineering management journal			1042-9247
	2014	Rev. Indiz	NONPARAMETRIC ANALYSIS OF INTERACTIONS: A REVIEW AND GAP ANALYSIS	Proceedings of the 2014 Industrial and Systems Engineering Research Conference			

2014	Rev. Indiz	ROBUST CHANGE-POINT ESTIMATOR FOR SERIES OF NORMAL OBSERVATIONS	Proceedings of the 2014 Industrial and Systems Engineering Research Conference	
2014	Rev. Indiz	ROBUST ESTIMATION OF VARIANCE USING MODIFIED TUKEY'S CONTROL CHART	Proceedings of the 2014 Industrial and Systems Engineering Research Conference	
2013	Revistas Difusión	ANÁLISIS DE PUNTO DE CAMBIO DENTRO DEL CONTROL ESTADÍSTICO DE PROCESOS	Celerinet	
2013	Rev. Indiz	A SELF-STARTING CUSUM CHART COMBINED WITH A MAXIMUM LIKELIHOOD ESTIMATOR FOR THE TIME OF A DETECTED SHIFT IN THE PROCESS MEAN	Quality and Reliability Engineering International	Online: 1099-1638, Print: 0748-8017
2013	Rev. Indiz	CHANGE POINT ESTIMATION AFTER THE SIGNAL OF A GAMMA CONTROL CHART	Proceedings of IEE Annual Conference & Expo, San Juan, Puerto Rico	
2013	Rev. Indiz	LIKELIHOOD RATIO TEST FOR A CHANGE-POINT IN THE MEAN OF INDEPENDENT NORMAL OBSERVATIONS	Proceedings of the 2013 Industrial and Systems Engineering Research Conference	
2013	Rev. Indiz	MONITORING DYNAMIC SYSTEMS: THEORETICAL DEVELOPMENT OF THE SELFSTARTING CUSUM FOR NON-ZERO SLOPE BEHAVIOR	American Society for Engineering Management 2013 International Annual Conference	
2013	Rev. Indiz	MONITORING OF NON-ZERO SLOPE SYSTEMS: A REVIEW OF THE TOOLS AVAILABLE	American Society for Engineering Management 2013 International Annual Conference	
2013	Rev. Indiz	NONPARAMETRIC ESTIMATOR FOR THE TIME OF A STEP CHANGE IN THE TREND OF RANDOM WALK MODELS WITH DRIFT	Quality and Reliability Engineering International	1099-1638
2012	Rev. Indiz	CHANGE POINT ESTIMATION AND CONTROL CHART FOR VARIANCE BASED ON P-VALUE FUNCTION OF F-THE FSTATISTIC	Proceedings of IEE 62nd Annual Conference & Expo, Orlando, Florida	

2012	Rev. Indiz	ESTIMACIÓN DE MÚLTIPLES PUNTOS DE CAMBIO EN SERIES DE TIEMPO CON DISTRIBUCIÓN NORMAL UTILIZANDO UN ALGORITMO HEURÍSTICO DE CONSTRUCCIÓN	Memorias de XVI CLAIO/XLIV SBPO, Río de Janeiro, Brasil
2012	Rev. Indiz	GENERALIZED CONTROL CHART FOR VARIANCE BASED ON THE PVALUE OF CHISQUARED TEST	Proceedings of IEE 62nd Annual Conference & Expo, Orlando, Florida
2012	Rev. Indiz	LEARNING TO DEFINE LEAN SIX SIGMA PROJECTS WITH CASES	Proceedings of IEE 62nd Annual Conference & Expo, Orlando, Florida
2012	Rev. Indiz	MODIFIED TUKEYS CONTROL CHART	Communications in Statistics-Simulation and Computation
2012	Rev. Indiz	RECONSTRUCCIÓN TRIDIMENSIONAL DE PIEZAS DE MANUFACTURA A PARTIR DE LA INFORMACIÓN EN 2D APORTADA POR UN ESCÁNER LÁSER DE ALTA PRECISIÓN	Memorias del 7mo Congreso Iberoamericano de Innovación Tecnológica y Desarrollo de Nuevos Productos

	Año de pub	Tipo de art	Artículos	Revista	Posición	Lista de autores	ISSN
Urbina Trujillo Ramón	2013	Rev, Indiz	ESTRATEGIAS DE BANDAS DE GUARDA UTILIZADAS EN LA FASE: MEDIR, DURANTE LA IMPLEMENTACIÓN DE SEIS SIGMA EN LA FABRICACIÓN DE GRASAS LUBRICANTES	De la Metrología	4	Purata Sifuentes, O.J., Funes Rodríguez, E. Nava Muñoz, S.M., Urbina Trujillo, R.	0188-4328