LGAC INSTRUMENTACIÓN Y CONTROL

Artículo	Nombre de la revista	Año
Laura Benita Alvarado-Cruz , Carina Toxqui-Quitl, Raúl Castro-Ortega , Alfonso Padilla-Vivanco and José Humberto Arroyo-Núñez, Highly Discriminative Physiological Parameters for Thermal Pattern Classification, REVISTA DIGITAL: SENSORS, 2021, https://doi.org/10.3390/s21227751 Factor de Impacto: 3.57, Q2.	**REVISTA DIGITAL: SENSORS**	2021
Clementina Rueda-Germán, Ivan de Jesús Rivas-Cambero, Hossam A. Gabbar, and Humberto Arroyo-Núñez, PLL wrap function for synchronization in phase jump disturbances, Ingeniería e Investigación, No 1, Vol 41, 2021. ISSN 2248-8723 http://dx.doi.org/10.15446/ing.investig.v41n1.84955 Factor de Impacto: *0.2, Q3.*	**Ingeniería e Investigación**	2021
Omar Aguilar-Mejia, Abraham Manilla-Garcia, Iván Rivas-Cambero and Hertwin Minor-Popocatl, Modeling and speed tuning of a PMSM with presence of fissure using dragonflay algorithm, Appl. Sci. 2020, vol. 10 issue 24, 8823; ISSN 2076-3417, https://doi.org/10.3390/app10248823 Factor de Impacto: 2.736*, Q2*	**Applied sciences**	2020
Manilla-García, A., Rivas Cambero I., Guerrero-Rodriguez N. F., Proposal of model of current consumption variation of an MSIP due to the effect of imbalance due to the presence of surface cracks in the rotor. Revista Iberoamericana de Automática e Informática Industrial 2020. Vol. 17 No. 4, 424-431. ISSN 1697-7912, https://doi.org/10.4995/riai.2020.12200 Factor de Impacto: *1.202, Q4*	**Revista Iberoamericana de Automática e Informática Industrial**	2020
Benito Villeda Félix, José Humberto Arroyo Nuñez, Rafael Stanley Nuñez Cruz, Displacement aid system for people with visual impairment using magnetic coils, IEEE Latin America Transactions, Volume: 18 Issue: 02, 2020, https://doi.org/10.1109/TLA.2020.9085296 Factor de Impacto: *0.729, Q3*	**IEEE Latin America Transactions**	2020
Omar Aguilar Mejía, Rubén Tapia Olvera, Iván Rivas Cambero y Hertwin Minor Popocatl, Adaptive Speed Controller for a Permanent Magnet Synchronous Motor. Nova Scientia, Nº 22, Vol. 11(1), 2019. ISSN 2007-0705, pp.:142-170, https://doi.org/10.21640/ns.v11i22.1614 CONACYT Index	**Nova Scientia**	2019
Francisca Elizalde-Canales, Iván Rivas-Cambero, Lucio Rebolledo-Herrera, Cesar Camacho-Bello. Pseudo-random bit generator using chaotic seed for cryptographic algorithm in data protection of electric power consumption. International Journal of Electrical and Computer Engineering (IJECE) Vol. 9, No. 2, April 2019, pp. 1399~1409, ISSN: 2088-8708, DOI: 10.11591/ijece.v9i2.pp1399-1409	**International Journal of Electrical and Computer Engineering**	2019

Factor de Impacto: *0.277, Q2*		
Manilla García, I. Rivas Cambero, J. A. Monroy Anieva. 2019. Modeling and Analysis of speed tuning of a PMSM with presence of crack using genetic algorithms. Revista Iberoamericana de Automática e Informática Industrial Vol. 16, No. 2, 190-199. ISSN 1697-7912, https://doi.org/10.4995/riai.2018.9767 **Factor de Impacto:** *1.202, Q4*	**Revista Iberoamericana de Automática e Informática Industrial**	2019
Rueda German Clementina, Rivas Cambero Ivan De Jesus, Arroyo Núñez José Humberto, Elizalde Canales Francisca Angélica, "Modulación-demodulación en amplitud para el proceso de sincronia eléctrica", Revista de Aplicaciones Industriales, ISSN 2410-3454, Revista_de_Ingeniería_Innovativa_V1_N2_2.pdf	**Revista de Aplicaciones Industriales**	2017
Elizalde Canales Francisca Angélica, Rivas Cambero Ivan de Jesus, Arroyo Núñez Humberto, Rueda Germán Clementina, "Algoritmo criptográfico con semilla caótica y Maestría en Automatización y Control generador congruencial para fortalecer la seguridad de los datos transmitidos de forma inalámbrica", Revista de Sistemas Computacionales y TIC's, ISSN 2444-5002, Revista_de_Computo_Aplicado_VL_N3_4.pdf	**Revista de Sistemas Computacionales y TIC's**	2017
Francisca Angélica Elizalde Canales, Ivan de Jesús Rivas Cambero, "Algoritmo de cifrado simétrico basado en mapeo logístico y transformada rápida de Fourier", Pistas Educativas, No. 120, noviembre 2016, México, ISSN 1405-1249. http://www.itc.mx/ojs/index.php/pistas/article/view/635	**Pistas Educativas**	2016
Omar Aguilar-Mejía, Rubén Tapia-Olvera, Ivan Rivas-Cambero, Hertwin Minor-Popocatl, "Diseño de un controlador de velocidad adaptativo para un MSIP utilizando inteligencia artificial", Computación y Sistemas, Vol. 20, No. 1, 2016 pp 41-54, doi: 10.13053/CyS-20-1-2361, ISSN 2007-9737. https://cys.cic.ipn.mx/ojs/index.php/CyS/article/view/2361/2107 **Factor de Impacto:** *0.175, Q3*	**Computación y Sistemas**	2016

LGAC DISEÑO Y CONTROL DE SISTEMAS MECATRÓNICOS

Artículo	Nombre de la revista	Año
José de Jesús Titla-Tlatelpa, Rosa María Ortega-Mendoza, Manuel Montes-y-Gómez, Luis Villaseñor-Pineda, A profile-based sentiment-aware approach for depression detection in social media, EPJ Data Science, 2021, https://doi.org/10.1140/epjds/s13688-021-00309-3 **Factor de Impacto:** *0.92, Q1*	**EPJ Data Science**	2021
R Enríquez, H Raluy, S Vega. Desarrollo del pensamiento computacional en niñas y niños usando actividades desconectadas y conectadas de computadora. RIDE Revista Iberoamericana para la Investigación y el Desarrollo Educativo. Vol 12. Num 23, 2021, ISSN: 2007-7467: https://doi.org/10.23913/ride.v12i23.1079	**Revista Iberoamericana para la Investigación y el Desarrollo Educativo**	2021

CONACYT Index

Publicación	Revista	Año
Rosa María Ortega-Mendoza, Delia Irazú Hernández-Farías, Manuel Montes-y-Gómez, Luis Villaseñor-Pineda, Revealing traces of depression through personal statements analysis in social media, Artificial Intelligence in Medicine, Volume 123, January 2022, https://doi.org/10.1016/j.artmed.2021.102202 Factor de Impacto: *0.98, Q1*	**Artificial Intelligence in Medicine**	2021
Rivera-Lopez, J. S., Camacho-Bello, C., Vargas-Vargas, H., & Escamilla-Noriega, A. (2021). Fast computation of 3D Tchebichef moments for higher orders. Journal of Real-Time Image Processing, 1-13. https://doi.org/10.1007/s11554-021-01152-5 Factor de Impacto: *0.3 Q3*	**Journal of Real-Time Image Processing**	2021
Vargas-Vargas, H., Camacho-Bello, C., Rivera-López, J. S., & Noriega-Escamilla, A. (2021). Some aspects of fractional-order circular moments for image analysis. Pattern Recognition Letters. https://doi.org/10.1016/j.patrec.2021.06.006 Factor de Impacto: *0.67, Q1*	**Pattern Recognition Letters**	2021
M.A. Márquez-Vera, L.E. Ramos-Velasco, O. López-Ortega, N.S. Zúñiga-Peña, J.C. Ramos-Fernández, R.M. Ortega-Mendoza (2021). Inverse fuzzy fault model for fault detection and isolation with least angle regression for variable selection, Computers & Industrial Engineering, Volume 159, 107499, ISSN 0360-8352, https://doi.org/10.1016/j.cie.2021.107499 https://www.sciencedirect.com/science/article/pii/S0360835221004034 Factor de Impacto: *1.32, Q1*	**Computers & Industrial Engineering**	2021
Márquez-Vera, MA.; López-Ortega, O.; Ramos-Velasco, LE.; Ortega-Mendoza, RM.; Fernández-Neri, BJ.; Zúñiga-Peña, NS. (2021). Diagnóstico de fallas mediante una LSTM y una red elástica. Revista Iberoamericana de Automática e Informática industrial. 18(2):164-175. https://doi.org/10.4995/riai.2020.13611 Factor de Impacto: *1.202, Q4*	**Revista Iberoamericana de Automática e Informática industrial**	2021
Aguilera, J., Hernández Farías D.I, Ortega-Mendoza, R.M., Montes-y-Gómez M. (2021) Depression and anorexia detection in social media as a one-class classification problem. Applied Intelligence 51, 6088–6103. https://doi.org/10.1007/s10489-020-02131-2 Factor de Impacto: *0.79, Q2*	**Applied Intelligence**	2021
Ortega Mendoza, Rosa María, Franco Arcega, Anilú, & Montes y Gomez, Manuel. (2019). Identificación del perfil de autores en redes sociales usando nuevos esquemas de pesado que enfatizan información de tipo personal. Computación y Sistemas, 23(2), 501-510. Epub 10 de marzo de 2021. https://doi.org/10.13053/cvs-23-2-3005 Factor de Impacto: *0.17, Q4*	**Computación y Sistemas**	2021
O Aguilar-Mejia, R Sosa-Cortes, C Enriquez-Ramirez, JL Templos-Santos. Speed Control of PMSM using nature-inspired algorithms. IEEE Latin America Transactions 16 (2), 677-688. 2018. ISSN 1548-0992 DOI: http://dx.doi.org/10.1109/tla.2018.8327429	**IEEE Latin America Transactions**	2018

Factor de Impacto: *0.25, Q3.*		
Camacho-Bello, C. (2018). Exact Legendre–Fourier moments in improved polar pixels configuration for image analysis. IET Image Processing, 13(1), 118-124. https://ietresearch.onlinelibrary.wiley.com/doi/pdfdirect/10.1049/iet-ipr.2018.5489 Factor de Impacto: *0.4, Q2*	**IET Image Processing**	2018
Camacho-Bello, C., & Rivera-Lopez, J. S. (2018). Some computational aspects of Tchebichef moments for higher orders. Pattern Recognition Letters, 112, 332-339. https://doi.org/10.1016/j.patrec.2018.08.020 Factor de Impacto: *0.67, Q1*	**Pattern Recognition Letters**	2018
Ortega-Mendoza, R. M., López-Monroy, A. P., Franco-Arcega, A., & Montes-y-Gómez, M. (2018). Emphasizing personal information for author profiling: New approaches for term selection and weighting. Knowledge-Based Systems, 145, 169-181. https://doi.org/10.1016/j.knosys.2018.01.014 Factor de Impacto: *1.59, Q1*	**Knowledge-Based Systems**	2018
J. G. Ortega-Mendoza, J. A. Sarabia-Alonso, P. Zaca-Moran, A. Padilla-Vivanco, C. Toxqui-Quitl, I. Rivas-Cambero, J. Ramirez, S. A. Torres-Hurtado, and R. Ramos-García, "Marangoni forcé-driven manipulation of photohermally-induced microbubbles", Optics express 6653, vol 26, No.6, mar 2018, https://doi.org/10.1364/OE.26.006653 Factor de Impacto: *1.39, Q1*	**Optics express**	2018
Guerrero, J., Torres, J., Antonio, E., y Campos, E. "Autonomous Underwater Vehicle Robust Path Tracking: Generalized Super-Twisting Algorithm and Block Backstepping Controllers". 2018. Control Engineering and Applied Informatics 20, págs. 51-63. http://ceai.srait.ro/index.php?journal=article&D=1493 Factor de Impacto: 0.*21, Q3*	**Control Engineering and Applied Informatics**	2018
CE Ramírez. Robot application to develop the fields of Corporeality, Language, Communication, socialization and interest in Autistic Children. Vol 8 Num 1, ISSN: 0976-416X, 2017 https://www.dline.info/jcl/fulltext/v8n1/jclv8n1_3.pdf	**Language, Communication, socialization and interest in Autistic Children**	2017
Rafael Stanley Núñez Cruz, Juan Manuel Ibarra Zannatha, Efficient mechanical design and limit cycle stability for a humanoid robot: An application of genetic algorithms, Neurocomputing, Volume 233, 2017, Pages 72-80, ISSN 0925-2312, https://doi.org/10.1016/j.neucom.2016.08.113 Factor de Impacto: *1.09, Q1*	**Neurocomputing**	2017