

**NPA: NÚMERO DE PUBLICACIONES ARBITRADAS**  
ENERO - DICIEMBRE DE 2021

Nº	Título de Artículo	Año	Autores	Revista	DOI	Tipo de publicación	Lugar de publicación
1	High affinity promoter binding of STOP1 is essential for early expression of novel aluminum-induced resistance genes GDH1 and GDH2 in Arabidopsis.	2021	Mutsutomo Tokizawa, Takuo Enomoto, Hiroki Ito, Lijie Wu, Yuriko Kobayashi, Javier Mora-Macías, Dagoberto Armenta-Medina, Satoshi Iuchi, Masatomo	Journal of Experimental Botany, Volume 72, Issue 7, 29	<a href="https://doi.org/10.1093/xb/erab031">https://doi.org/10.1093/xb/erab031</a> <a href="https://doi.org/10.1093/xb/erab031">ISSN 0022-0957</a> <a href="https://doi.org/10.1093/xb/erab031">EISSN 1460-2431</a>	Científica	Published by Oxford University Press. Colaboración
2	Trends on Advanced Information and Communication Technologies for Improving Agricultural Productivities: A Bibliometric Analysis	2020	Dagoberto Armenta-Medina, Tania A. Ramirez-delReal, Daniel Villanueva-Vásquez and Cristian Mejía-Aguirre y Colaboración con miembros del Instituto de	Agronomy 2020, 10(12), Received: 14 November 2020 /	<a href="https://doi.org/10.3390/agronomy10121989">https://doi.org/10.3390/agronomy10121989</a> <a href="https://doi.org/10.3390/agronomy10121989">DOI:10.3390/agronomy10121989</a>	Científica	MDPI TIENE SU SEDE EN Basilea, Suiza
3	Bioinformatics in Mexico: A diagnostic from the academic perspective and recommendations for a public policy	2020	Dagoberto Armenta-Medina, Christian Díaz de León-Castañeda, Brenda Valderrama-Blanco	Plos One 2021 Published: December 15,	<a href="https://doi.org/10.1371/journal.pone.0243531">https://doi.org/10.1371/journal.pone.0243531</a>	Científica	PLOS ONE is based in San Francisco, California, and Cambridge, United Kingdom.
4	México y la seguridad alimentaria: el uso de las TIC para un etiquetado digital en alimentos	2020	Paulina Elisa Lagunes Navarro	Boletín Mexicano de Derecho Corporativo	<a href="http://dx.doi.org/10.22201/ijj.24484873e.2020.158.15635">http://dx.doi.org/10.22201/ijj.24484873e.2020.158.15635</a>	Derechos Humanos	Ciudad de México
5	Las zonas libres de Organismos Genéticamente Modificados (ZL-OGM): Una alternativa en contra del biopoder	2020	Paulina Elisa Lagunes Navarro y María de Jesús Medina Arellano. Valdéz Erick y Brena, Ingrid (EDS)	Bioderecho y derechos humanos. Perspectivas biojurídicas contemporáneas. IJ - UNAM	<a href="https://archivos.juridicas.unam.mx/www/biv/libros/13/6170/1a.pdf">https://archivos.juridicas.unam.mx/www/biv/libros/13/6170/1a.pdf</a>	Derechos Humanos	Ciudad de México
6	Copy-move forgery detection technique based on discrete cosine transform blocks features. Neural Comput & Applic 33, 4713–4727 (2021)	2021	Armas Vega, E.A., González Fernández, E., Sandoval Orozco, A.L. et al	S.I. : Higher Level Artificial Neural Network Based Intelligent Systems Published: 20 October 2020	<a href="https://doi.org/10.1007/s00521-020-05433-1">https://doi.org/10.1007/s00521-020-05433-1</a>	Científica	Springer-Verlag London Ltd., part of Springer Nature 2020
7	A Python Library for Exploratory Data Analysis on Twitter Data based on Tokens and Aggregated Origin-Destination Information	2021	Mario Graff, Daniela Moctezuma, Sabino Miranda-Jiménez, Eric S Tellez	arXiv:2009.01826v2 [cs.CL] 22 Jan 2021	<a href="https://arxiv.org/pdf/2009.01826.pdf">https://arxiv.org/pdf/2009.01826.pdf</a>	Científica	Cornell University. New York City
8	A computational method for the covariance matrix associated with extracellular diffusivity on disordered models of cylindrical brain axons		Daniel Cervantes, Miguel Ángel Moreles, Joaquin Peña and Alonso Ramirez-Manzanares	Mathematical Biosciences and Engineering Volume 18, Issue 5, 4961–4970.	<a href="https://www.aimspress.com/article/doi/10.3934/mbe.2021252">https://www.aimspress.com/article/doi/10.3934/mbe.2021252</a> <a href="https://www.aimspress.com/article/doi/10.3934/mbe.2021252">doi: 10.3934/mbe.2021252</a>	Científica	AIMS Press situated in the United States of America
9	An experimental approach to the consensus routing algorithm applied to temporal networks.	2021	Arellano Vázquez, M., & Benítez-Pérez, H.	IEEE Latin America Transactions, VOL. 19, NO. 9, SEPTEMBER 2021	<a href="https://latam.ieeer9.org/index.php/transactions/article/view/4817/1100">https://latam.ieeer9.org/index.php/transactions/article/view/4817/1100</a>	Científica	New York, NY Latin America Transactions

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10	Visualizing the Intellectual Structure and Evolution of Intelligent Transportation Systems: A Systematic Analysis of Research Themes and Trends. Sustainability	2020	Gamboa-Rosales NK, González-Fernández E, Gamboa-Rosales H, López-Robles JR	Sustainability Journal Volume 12 , Issue 21 MDPI (Academic Open Acces Publishing)	<a href="https://doi.org/10.3390/su12218759">Sustainability 2020, 12(21), 8759; https://doi.org/10.3390/su12218759</a>	Científica	MDPI Basel, Switzerland
11	A scalable solution to the nearest neighbor search problem through local-search methods on neighbor graphs. Pattern Analysis and Applications	2021	Eric S. Téllez, Guillermo Ruiz, Edgar Chavez & Mario Graff	Received: 26 February 2019 / Accepted: 9 December 2020 / Published online: 4 January 2021 © The Author(s), under exclusive licence to Springer-Verlag London Ltd. part of Springer Nature 2021	<a href="https://doi.org/10.1007/s10044-020-00946-w">https://doi.org/10.1007/s10044-020-00946-w</a> <a href="https://link.springer.com/article/10.1007/s10044-020-00946-w">https://link.springer.com/article/10.1007/s10044-020-00946-w</a>	Científica	Springer Link Londres Ltd.
12	Trends, structural changes, and assessment of time series models for forecasting hospital discharge due to death at a Mexican tertiary care hospital	2021	Edel Rafael Rodea-Montero ,Rodolfo Guardado-Mendoza,Brenda Jesús Rodríguez-Alcántar,Jesús Rubén Rodríguez-Nuñez,Carlos Alberto Núñez-Colín,Lina Sofía Palacio-Mejía, Dagoberto Armenta Medina	Plos One Colection Animal Welfare. Research Article	<a href="https://doi.org/10.1371/journal.pone.0248277">https://doi.org/10.1371/journal.pone.0248277</a>	Científica	San Francisco, California y Cambridge United Kingdom
13	Profiling Hate Speech Spreaders on Twitter through Emotion-based Representations Notebook for PAN at CLEF 2021	2021	Hiram Cabrera, Sabino Miranda Jiménez and Eric S. Téllez	CLEF 2021 – Conference and Labs of the Evaluation Forum, September 21–24, 2021,	<a href="http://ceur-ws.org/Vol-2936/paper-159.pdf">http://ceur-ws.org/Vol-2936/paper-159.pdf</a>	Científica	Bucharest, Romania
14	A Bibliometric Analysis of Mexican Bioinformatics: A Portrait of Actors, Structure, and Dynamics	2021	Dagoberto Armenta-Medina, Christian Díaz de León-Castañeda, Alma Armenta Medina, Ernesto Pérez Rueda	Biology. Academic Editor Gustavo Caetano-Anolles	<a href="https://doi.org/10.3390/biology11010131">https://doi.org/10.3390/biology11010131</a>	Científica	Biology is an international, peer-reviewed, open access
15	A Case Study of Spanish Text Transformations for Twitter Sentiment Analysis	2021	Eric S. Téllez, Mario Graf, Sabino Miranda-Jiménez, Daniela Moctezuma, Oscar S. Siodia, Elio A. Villaseñor	arXiv:2106.02009v1 [cs.CL] 3 Jun 2021 Actualizado del artículo	<a href="https://doi.org/10.1016/j.eswa.2017.03.071">https://doi.org/10.1016/j.eswa.2017.03.071</a>	Científica	Cornell University

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16	A Hybrid Model for the Prediction of Air Pollutants Concentration, Based on Statistical and Machine Learning Techniques	2021	Minutti-Martinez, C., Arellano-Vázquez, M., & Zamora-Machado, M. (2021, October)	In Mexican International Conference on Artificial Intelligence (pp. 252-264). Springer, Cham.	<a href="https://link.springer.com/chapter/10.1007">https://link.springer.com/chapter/10.1007</a>	Científica	MICAI 2021, Mexico City, Mexico
17	A Python Library for Exploratory Data Analysis on Twitter Data based on Tokens and Aggregated Origin-Destination Information	2021	Mario Graff, Daniela Moctezuma, Sabino Miranda-Jiménez, Eric S Tellez (2022)	Computers & Geosciences. Volumen 159, Num. 105012 Received 4 September 2020, Revised 18 November 2021, Accepted 19 November 2021, Available online 4 December 2021.	<a href="https://www.sciencedirect.com/science/a">https://www.sciencedirect.com/science/a</a>	Científica	Elsevier Amsterdam, Países Bajos
18	A Fuzzy Optimization Technique for Multi-Objective Aspirational Level Fractional Transportation Problem	2021	Mukesh Kumar Sharma. Kamini , Nitesh Dhiman, Vishnu Narayan Mishra, Hamurabi Gamboa Rosales, Amita Nandal, Edgar González Fernández, Tania A. Ramirez-del Real. Lakshmi Narayan Mishra.	Symmetric (2021) Academic editor: carlos R. Alcantud	<a href="http://dx.doi.org/10.3390/sym13081">DOI: http://dx.doi.org/10.3390/sym13081</a>	Científica	Symmetry is an international, peer-reviewed, open access journal, published monthly online MDPI, con sede en Basilea Suiza
19	C*-algebra valued modular G-metric spaces with applications in fixed point theory	2021	Dipankar Das, Lakshmi Narayan Mishra, Vishnu Narayan Mishra, Hamurabi Gamboa Rosales, Arvind Dhaka, Francisco Eneldo López Monteagudo, Edgar González Fernández y Tania A. Ramirez-del Real.	Symmetric (2021) Academic editor: carlos R. Alcantud	<a href="http://dx.doi.org/10.3390/sym13112">DOI: http://dx.doi.org/10.3390/sym13112</a>	Científica	Symmetry is an international, peer-reviewed, open access journal, published monthly online MDPI, con sede en Basilea Suiza