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**Artículos
científicos
publicados por
nuestros docentes**



No.	Tipo	Autor(es)	Año	Publicación			
				Título	Journal	ISSN	Link
1	RII	DEIVIS SUAREZ RIVERO, JANNET ORTIZ AGUILAR, MAIKEL SUAREZ RIVERO, JUAN MANUEL FUENTES REINES, EDITH PATRICIA SANCHEZ QUINONES, OLGA MARIN MAHECHA	2023	Respuesta fisiológica durante la germinación de semillas de Espeletia grandiflora, sometidas a procesos de soplado mecánico mediante aire forzado.	Research, Society and Development	ISSN: 2525-3409	DOI:10.33448/rsd-v12i9.42850
2	RII	Suárez-Rivero, Deivis; Marin-Mahecha, Olga; Ojeda-Barrera, Lizeth; Ortiz-Aguilar, Jannet; de J Guzman-Hernandez, Tomas; Millan-Malo, Beatriz; Alonso-Gómez, Leonardo A. ; Rodriguez-Garcia, Mario E.	2023	The effect of the electromagnetic field on the physicochemical properties of isolated corn starch obtained of plants from irradiate seeds	International Journal of Biological Macromolecules	0141-8130	https://www.sciencedirect.com/science/article/pii/S0141813023008759?via%3Dihub
3	RII	DEIVIS SUAREZ RIVERO, JANNET ORTIZ AGUILAR, OLGA MARIN MAHECHA, MAIKEL SUAREZ RIVERO, JUAN MANUEL FUENTES REINES, EDITH PATRICIA SANCHEZ QUINONES,	2023	Establishment of the optimal harvest time of botanical seeds of Espeletia grandiflora for the propagation and conservation of the species	Research, Society and Development	2525-3409	DOI:10.33448/rsd-v12i6.42362
4	RII	Fuentes-Reinés, Juan M., Eduardo Suárez-Morales, Pedro Eslava-Eljaiek, Daniel Serna-Macias, y Deivis Suárez-Rivero.	2022	Nuevos registros de Harpacticoides (Crustacea, Copepoda) en un sistema costero del norte de Colombia	Revista Peruana de Biología	1727-9933	http://dx.doi.org/10.15381/rpb.v29i4.23820

5	RII	Juan M. Fuentes-Reinés Pedro Eslava-Eljaiek Lourdes M. A. Elmoor-Loureiro Francisco Diogo R. Sousa Deivis Suárez-Rivero	2022	New records of Coronatella (Crustacea, Branchiopoda, Chydoridae) from Colombia with the first report of Coronatella undata and of the male of Coronatella monacantha	Brazilian Journal of Biology	1519-6984	https://doi.org/10.1590/1519-6984.254487
6	RNI	CLAUDIA YADIRA RODRIGUEZ RIOS, RUBEN ALBERTO LOZANO GIL; JUAN PEDRO SEPÚLVERA ROJAS	2022	Simulación del proceso de inventarios en una poscosecha de rosas de exportación bajo un enfoque de Business Process Management	Ciencia Tecnología Agropecuaria	0122-8706	https://doi.org/10.21930/rcta.vol24_num1_art:2615
7	RNI	CLAUDIA YADIRA RODRIGUEZ RIOS, RUBEN ALBERTO LOZANO GIL; JUAN PEDRO SEPÚLVERA ROJAS	2022	Simulación del proceso de inventarios en una poscosecha de rosas de exportación bajo un enfoque de Business Process Management	Ciencia Tecnología Agropecuaria	0122-8706	https://doi.org/10.21930/rcta.vol24_num1_art:2615
8	RNI	ANDRES CHAVEZ SALAZAR, CRISTINA INES ALVAREZ BARRETO, JAVIER DARIO HOYOS LEYVA, LUIS ARTURO BELLO PEREZ, FRANCISCO JAVIER CASTELLANOS GALEANO	2022	Drying processes of OSA-modified plantain starch trigger changes in its functional properties and digestibility	LWT - Food Science and Technology	1096-1127	DOI:10.1016/j.lwt.2021.112846
9	RII	Deivis Suárez-Rivero, Olga Marín-Mahecha, Jannet Ortiz-Aguilar, Luis Carlos Ballesteros-Rosero, Juan Manuel Fuentes-Reinés, Tomás de Jesús Guzmán-Hernández	2021	Estimation of Fixed Carbon by Ignition of Corn Fruit Residues Treated with Electromagnetic Fields.	Chemical Engineering Transactions (CET)	2283-9216	DOI: 10.3303/CET2187083

10	RII	Suarez-Rivero, Deivis Marin-Mahecha, Olga Ortiz-Aguilar, Jannet Puentes, Addy Esperanza Suarez-Rivero, Maikel Guzman-Hernandez, Tomas De Jesus	2021	Incorporation of Electromagnetic Fields as an Alternative Technology to Increase Starch Production in Corn Crops	Chemical Engineering Transactions (CET)	2283-9216	https://doi.org/10.3303/CET2187021
11	RII	Suárez-Rivero D., Marin-Mahecha O., Ortiz-Aguilar J., Suárez-Rivero M., Fuentes-Reinés J. M., Guzman- Hernandez T. de J.	2021	Electromagnetism as an Inductor of Biomass Synthesis in Brassica Napus L. Plants.	Chemical Engineering Transactions (CET)	2283-9216	DOI: 10.3303/CET218 6028
12	RII	JAVIER DARIO HOYOS LEYVA, MAURICIO SIERRA SARMIENTO, LAURA ALEJANDRA LOPEZ VEGA, JUAN MANUEL GIL	2021	Hass avocado oil extraction: In the way of malaxation process optimization	LWT - Food Science and Technology	1096-1127	https://doi.org/10.1016/j.lwt.2021.112312
13	RII	D. Villamarín-Gallegos, D. G. Oviedo-Pereira, S. Evangelista- Lozano, G. Sepúlveda-Jiménez, J. Molina-Torres, M. Rodríguez- Monroy	2020	Trichoderma asperellum, an inoculant for the production of steviol glycosides in Stevia rebaudiana Bertoni plants micropropagated in a temporary immersion bioreactor	Revista Mexicana de Ingeniera Quimica	16652738	10.24275/rmiq/ Bio947
14	RII	Javier Hoyos-Leyva, Luis Arturo Bello-Pérez, Andrés Chávez-Salazar, Francisco Javier Castellanos- Galeano & Cristina Álvarez-Barreto	2020	Effect of drying process of esterified plantain starch on sorption, thermodynamic and shelf-life characteristics	Journal of Dispersion Science and Technology	0193-2691	https://doi.org/10.1080/01932691.2019.1664911

15	RII	Moreno-Bayona DA, Gómez-Méndez LD, Blanco-Vargas A, Castillo-Toro A, Herrera-Carlosama L, Poutou-Piñales RA; Juan C. Salcedo-Reyes, Lucía A. Díaz-Ariza, Laura C. Castillo-Carvajal, Naydú S. Rojas-Higuera, Aura M. Pedroza-Rodríguez	2019	Simultaneous bioconversion of lignocellulosic residues and oxodegradable polyethylene by <i>Pleurotus ostreatus</i> for biochar production, enriched with phosphate solubilizing bacteria for agricultural use	PLoS ONE	e0217100	https://doi.org/10.1371/journal.pone.0217100
16	RII	Pablo Emilio Vanegas-Espinoza, Verónica Pérez-Escalante, Gabriel Aguirre-Guzman, Javier Darío Hoyos-Leyva, Alma Angélica Del Villar-Martínez	2019	Microencapsulation of anthocyanins from roselle (<i>Hibiscus sabdariffa</i>) and its application on a pigment supplied diet to fantail goldfish (<i>Carassius auratus</i>)	Aquaculture International	0967-6120	doi:10.1007/s10499-019-00430-1
17	RII	Moreno-Bayona DA, Gómez-Méndez LD, Blanco-Vargas A, Castillo-Toro A, Herrera-Carlosama L, Poutou-Piñales RA; Juan C. Salcedo-Reyes, Lucía A. Díaz-Ariza, Laura C. Castillo-Carvajal, Naydú S. Rojas-Higuera , Aura M. Pedroza-Rodríguez	2019	Simultaneous bioconversion of lignocellulosic residues and oxodegradable polyethylene by <i>Pleurotus ostreatus</i> for biochar production, enriched with phosphate solubilizing bacteria for agricultural use	PLoS ONE	e0217100	https://doi.org/10.1371/journal.pone.0217100
18	RII	Chavez Salazar A, Castellanos Galeano FJ, Alvarez Barreto CI, Bello Perez LA, Cortés Rodríguez M, Hoyos Leyva JD	2019	Optimization of the Spray Drying Process of the Esterified Plantain Starch by Response Surface Methodology	Starch/Staerke	1521-379X	DOI: 10.1002/star.201800330

19	RII	JAVIER DARIO HOYOS LEYVA, Luis Arturo Bello Perez, Andrés Chávez Salazar, Francisco Javier Castellanos Galeano, Cristina Álvarez Barreto	2019	Effect of drying process of esterified plantain starch on sorption, thermodynamic and shelf-life characteristics	Journal of Dispersion Science and Technology	ISSN: 1532-2351	DOI:10.1080/01932691.2019.1664911
20	RII	Suarez-Rivero D., Patino-Puentes P.A., Ortiz-Aguilar J., Suarez-Rivero M., Marin-Mahecha O., Zuluaga-Dominguez C.M.	2019	Preliminary Evaluation of the By-products of Quinoa as Alternative Source of Usable Biomass	Chemical Engineering Transactions	2283-9216	DOI:10.3303/CE T1974032
21	RII	JAVIER DARIO HOYOS LEYVA, LUIS ARTURO BELLO PEREZ, EDITH AGAMA ACEVEDO, JOSE LUIS ALVAREZ COGOLLO, LINA JARAMILLO ECHEVERRY	2019	Characterization of spray drying microencapsulation of almond oil into taro starch spherical aggregates	LWT - Food Science and Technology	1096-1127	DOI: 10.1016/j.lwt.2018.11.079
22	RII	JAVIER DARIO HOYOS LEYVA, LUIS ARTURO BELLO PEREZ, EDITH AGAMA ACEVEDO, JOSE ALVAREZ RAMIREZ	2018	Potential of taro starch spherical aggregates as wall material for spray drying microencapsulation: Functional, physical and thermal properties	International Journal of Biological Macromolecules	0141-8130, 2018	DOI:doi.org/10.1016/j.ijbiomac.2018.08.093
23	RII	JAVIER DARIO HOYOS LEYVA, LUIS ARTURO BELLO PEREZ, JOSE ALVAREZ RAMIREZ, ANDRES CHAVEZ SALAZAR, FRANCISCO JAVIER CASTELLANOS GALEANO	2018	Physical and chemical stability of l-ascorbic acid microencapsulated into taro starch spherical aggregates by spray drying	Food Hydrocolloids	0268-005X	DOI:doi.org/10.1016/j.foodhyd.2018.05.002

24	RII	JAVIER DARIO HOYOS LEYVA, EDITH AGAMA ACEVEDO, JOSE ALVAREZ RAMIREZ, LUIS ARTURO BELLO PEREZ	2018	Thermodynamic analysis for assessing the physical stability of core materials microencapsulated in taro starch spherical aggregates	Carbohydrate Polymers	1879-1344	DOI:10.1016/j.carbpol.2018.06.012
25	RII	JAVIER DARIO HOYOS LEYVA, EDITH AGAMA ACEVEDO, JOSE ALVAREZ RAMIREZ, LUIS ARTURO BELLO PEREZ	2018	Characteristics of Starch from Opaque and Translucent Perisperm of Amaranth (A. hypochondriacus) Grains	Starch/Staerke	1521-379X	DOI:10.1002/star.201700260
26	RII	Javier D. Hoyos-Leyva , Luis A. Bello-Pérez , J. Alvarez-Ramirez	2018	Thermodynamic criteria analysis for the use of taro starch spherical aggregates as microencapsulant matrix	Food Chemistry	0308-8146	DOI:10.1016/j.foodchem.2018.03.130
27	RII	Deivis Suárez Rivero; Olga Marín Mahecha; Daniel Marin Torres; Maikel Suárez Rivero; Luis Carlos Ballesteros; Jannet Ortiz Aguilar	2018	Potential Evaluation of Agroindustrial Waste from Three Passifloraces as a Source of Usable Biomass	Chemical Engineering Transactions	2283-9216	http://www.aidic.it/cet/18/65/108.pdf
28	RII	Deivis Suárez Rivero, Olga Marín Mahecha, Abraham Jesús González, Maikel Suárez Rivero, Addy Esperanza Puentes, Jannet Ortiz Aguilar	2018	Composition and Behavior of Sunflower Seeds (Helianthus annuus L.) From Plants Treated with Magnetic Fields for Energy Potential Use of Biomass	Chemical Engineering Transactions	2283-9216	http://www.aidic.it/cet/18/65/114.pdf

29	RII	Deivis Suárez Rivero, Olga Marín Mahecha, Jannet Ortiz Aguilar, Addy Esperanza Puentes, Luz Dary Agudelo Gutiérrez, Maikel Suárez Rivero	2018	Use of Biotechnology as Generator of Resistance Mechanism to Water Stress in the Rosa Productive Chain (Rosa indica L. var. Classy)	Chemical Engineering Transactions	2283-9216	http://www.aidic.it/cet/18/64/079.pdf
30	RII	Deivis Suárez Rivero, Olga Marín Mahecha, Jannet Ortiz Aguilar, Addy Esperanza Puentes, Luis Carlos Ballesteros, Maikel Suárez Rivero	2018	Biotechnology as a Tool for the Agroindustrial Exploitation of Residues of the Chain of Musa spp.	Chemical Engineering Transactions	2283-9216	http://www.aidic.it/cet/18/64/096.pdf
31	RII	JAVIER DARIO HOYOS LEYVA, LUIS ARTURO BELLO PEREZ, JOSE ALVAREZ RAMIREZ, HUGO SERGIO GARCIA GALINDO	2018	Microencapsulation using starch as wall material: A review	Food Reviews International	8755-9129	10.1080/87559129.2016.1261298
32	RII	ADDY ESPERANZA PUENTES, DEIVIS SUAREZ RIVERO, JANNET ORTIZ AGUILAR, SERGIO LUIS BERMUDEZ QUINTERO, LUIS CARLOS BALLESTEROS ROSERO, KEVIN JAVIER GUEVARA ORTIZ	2018	Impact of control mechanisms containment in optical burst switching distributed Networks	Proceedings of the IEEE	0018-9219	DOI:10.1109/ColComCon.2018.8466705
33	RII	DEIVIS SUAREZ RIVERO, ADDY ESPERANZA PUENTES, JANNET ORTIZ AGUILAR, SERGIO LUIS BERMUDEZ QUINTERO, EDGAR CAMILO DIAZ CABIATIVA, OSCAR BARRAGAN PAEZ	2018	El rediseño de Juguetes Electrónicos, como una estrategia para el Aprendizaje Basado en Problemas en la enseñanza de la Ingeniería de Telecomunicaciones.	International Multi-Conference for Engineering, Education, and Technology	2414-6390	DOI: http://dx.doi.org/10.18687/LACCIE2018.1.1.319



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