



❖ **DATOS PERSONALES**

Cirilo Nolasco Hipolito

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❖ **FORMACIÓN ACADÉMICA**

• **Doctorado en Agricultura**

Especialidad en Tecnología Microbiana

Departamento de Ciencias de los recursos y del medio ambiente, Facultad de Agricultura de la Universidad de Kyushu, Fukuoka, Japón.

• **Maestría en Tecnología de Fermentaciones**

Escuela de graduados del Instituto Tecnológico de Veracruz.

Especialidad en Biotecnologías de Fermentaciones

• **Licenciatura en ingeniería**

Carrera de Ingeniería Bioquímica

Instituto Tecnológico de Tuxtepec.

❖ **POSICIÓN ACTUAL**

Profesor-Investigador en la Carrera de ingeniería de alimentos del Instituto de Biotecnología de la Universidad del Papaloapan (UNPA). 2018-Actual.

❖ **EXPERIENCIA LABORAL**

• Departamento de ingeniería Química y energía Sustentable. Facultad de Ingeniería. Universidad de Malasia, Sarawak (UNIMAS). 2016-2018



- Profesor Asociado. Departamento de biología Molecular de la Facultad de Ciencia y Tecnología de los Recursos. UNIMAS. 2010-2016
- División de Investigación y Desarrollo, Necfer Corporation, Kurume, Japón. 100 nen Koen. FBIC-101. 2006-2010
- Profesor y Consultor para la Metodología de Producción más Limpia. Centro Mexicano para la Producción mas Limpia. IPN. Mex, D.F. 2003-2006.
- International consultant for new models of business in the chemical industry (Chemical Leasing). Viena, Austria. 2005.
- Investigador para nanocompuestos usando ácido poli-láctico y polipropileno. Green the Creation. Kyoto, Japan. Investigador para la creación de tecnología para producción de ácido láctico. 2001-2003
- Supervisor del proceso Químico de la Industria del Papel periódico, Materias primas, productos químicos y producto final de Fabricas de papel Tuxtepec. Tuxtepec, Oaxaca, México. 1987-1991.

❖ LÍNEAS DE INVESTIGACIÓN

1. Tecnología de fermentaciones
2. Procesos de separación y purificación de biomoléculas.
3. Procesos de membrana
4. Modelación y control de procesos
5. Efecto de compuestos bioactios

❖ SIMPOSIA, CONGRESOS, FOROS Y CONFERENCIAS

Leticia Guadalupe Navarro-Moreno, Andrea Rangel-Cordero, **Cirilo Nolasco-Hipólito, Luis Felipe Collado**. 2021. Hongos y pet: una relación de adaptación. Congreso internacional de investigación Academia journals, celaya, 2021.

Leticia Guadalupe Navarro Moreno, David Cruz Victoriano, **Cirilo Nolasco Hipólito**. 2021. Selenio, Zinc y DMSA en la intoxicación renal por Mercurio. 9º Nov. 4-5, 2021. Tijuana Baja California.

Cirilo Nolasco Hipólito. Biotecnología del ácido láctico. 2º. Encuentro multidisciplinario. Perspectivas de la Biotecnología en la salud, en los sectores farmacéuticos y agroalimentarios del estado de Oaxaca y región Cañada. Del 25 al 28 de Noviembre del 2019.



Cirilo Nolasco Hipólito. Tratamiento de efluentes con floculante natural. 2º. Encuentro multidisciplinario. Perspectivas de la Biotecnología en la salud, en los sectores farmacéuticos y agroalimentarios del estado de Oaxaca y región Cañada. Del 25 al 28 de Noviembre del 2019.

Cirilo Nolasco Hipólito. 2019. Limpieza de agua con polímeros naturales, lo bueno que pueden hacer las bacterias. Día Mundial del Agua. Casa de la Cultura, Tuxtepec, Oax. México. Organizado por el Ayuntamiento de Tuxtepec, Oax. 22 de Marzo, 2019.

Cirilo Nolasco Hipólito. 2018. Limpieza de agua con un polímero natural en caso de escasez durante desastres naturales, CBTiS No. 107. Tuxtepec Oaxaca. 11 de Octubre, 2018. Semana Nacional de Ciencia y Tecnología.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Esaki Shoji, Seng Chiew Toh, Samuel Lihan, and Kopli Bujang. **2018.** A simple method for Palm Oil Mill Effluent. Innovation Technology Expo. INTEX 2018. 15-17 Julio 2018. Pullman Hotel, Kuching Sarawak, Malaysia.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Esaki Shoji, Seng Chiew Toh, Samuel Lihan, and Kopli Bujang. **2018.** Scaling up a Lactic Acid Fermentation in a semi-pilot plant Stirred Tank Reactor, 29th International Invention, Innovation & Technology Exhibition. 10 May a 12 May 2018.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, and Kopli Bujang. **2017.** A Method for Continuous Liquefaction of Sago Starch. International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA). 7th-9th October 2017.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Kopli Bujang. **2017.** A method to Reverse the Contamination of Ethanol Fermentation by Lactic Acid Bacteria Innovation Technology Expo. INTEX 2017. 17-18 Mayo 2017. DeTAR PUTRA UNIMAS. Gold medal.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Esaki Shoji and Kopli Bujang. **2017.** Heat Evolution During Ethanol Fermentation. Impication on Technology Development. Innovation Technology Expo. INTEX 2017. 17-18 Mayo 2017, DeTAR PUTRA UNIMAS, Sarawak Malasia.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Nurfaezza Amat Jafar and Kopli Bujang. **2017.** Scaling up a Lactic Acid Fermentation in a semi-pilot plant Stirred Tank Reactor Innovation Technology Expo. INTEX 2017. 17-18 Mayo 2017. DeTAR PUTRA UNIMAS, Sarawak Malasia.

Khairuddin Sanaullah, Andrew Ragai Henry Rigit, Mohd Sobri Takriff, Lim Soh Fong, **Cirilo Nolasco Hipólito,** Afrasyab Khan and Mohammed Haji Alhaji. **2017.** Effect of swirl gas injection on hydrodynamics for bubbly flow reactors. 2017. Innovation Technology Expo. INTEX 2017. 17-18 Mayo 2017. DeTAR PUTRA UNIMAS, Sarawak Malasia.

Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, Kopli Bujang and Maryana Dahari. Production of bacteriocin from sago starch in continuous. Invention, Innovation & Technology Exhibition 2017. ITEX 2017. Kuala Lumpur, Malaysia 11-13 Mayo 2017.

Bong Kuek Kong, Mohd Danial Ibrahim, **Cirilo Nolasco Hipólito.** **2017.** Optimized Flow Sludge Mixer for Sago Starch, 1st International Design Research & Innovation Symposium (IDRIS) 2017. Kuala Lumpur. Malaysia. 23-25 Abril 2017.

Cirilo Nolasco Hipólito and Octavio Carvajal Zarrabal. Continuous liquefaction of sago starch. INTEX16. Innovation Technology Expo. Detar Putra University Malaysia Sarawak. 23-24 Mayo, 2016.



Cirilo Nolasco Hipólito, Maryana Bt Dahari, Octavio Carvajal-Zarrabal, et al. **2016**. Production of bacteriocin from sago starch in continuous mode. INTEX16. Innovation Technology Expo. Detar Putra 23-24 Mayo, 2016. University Malaysia Sarawak. 23-24 Mayo, 2016.

Nurfaezza Amat Jafar, Octavio Carvajal Zarrabal, Maryana Binti Dahari, **Cirilo Nolasco Hipolito**, et. al. **2016**. INTEX2016. Modelling the ethanol fermentation in hydrolyzed sago starch based media in ethanologenic microorganisms. INTEX16. Innovation Technology Expo. Detar Putra 23-24 Mayo, 2016. University Malaysia Sarawak. 23-24 Mayo, 2016.

Nur Fashareena Adila Bt. Abdul Rahim, Octavio Carvajal Zarrabal, Nur'Ain Izaty Bt. Abdul Hamid, **2016**. **Cirilo Nolasco Hipólito**, et al. **2016**. Effectiveness of *Lactococcus lactis* IO-1 and *Enterococcus faecalis* ATTC2a to produce lactic acid at high concentration. INTEX16. Innovation Technology Expo. Detar Putra 23-24 Mayo, 2016. University Malaysia Sarawak. 23-24 Mayo, 2016.

Nur'Ain Izaty binti Abdul, Hamid, Octavio Carvajal-Zarrabal, Nur Fashareena Adila Binti Abdul Rahim, **Cirilo Nolasco Hipolito**, et al. **2016**. Production of ethanol by using very high gravity fermentation and the supplementation of soy flour. INTEX16. Innovation Technology Expo. Detar Putra 23-24 Mayo, 2016. University Malaysia Sarawak. 23-24 Mayo, 2016.

Lesley Maurice Bilung, Jasmen Jaraee, Micky Vincent and **Cirilo Nolasco Hipolito**. **2016**. Rapid assessment of *Bacillus cereus* associated with sago processing. INTEX16. Innovation Technology Expo. Detar Putra 23-24 Mayo, 2016. University Malaysia Sarawak. 23-24 Mayo, 2016

Maryana Binti Dahari, Octavio Carvajal-Zarrabal, Nurfaezza Amat Jafar, **Cirilo Nolasco-Hipolito**, Nur'Ain Izaty binti Abdul Hamid, Nur Fashareena Adila Binti Abdul Rahim, and Kopli Bujang. **2016**. Production of bacteriocin from sago starch in continuous mode. Poster presentation. 3rd ASEAN Sago Symposium. Enhancing sago potential for application in research and industry". UNIMAS, SARAWAK. 25-26 Octubre, 2016.

Nur'Ain Izaty binti Abdul Hamid, Octavio Carvajal-Zarrabal, Nur Fashareena Adila Binti Abdul Rahim, Nurfaezza Amat Jafar, Maryana Binti Dahari, **Cirilo Nolasco-Hipolito**, and Kopli Bujang. **2016**. Production OF ethanol BY using very high gravity fermentation using *S. Cerevisiae* CSI-1 and *S. Cerevisiae* ITV, 3rd ASEAN Sago Symposium. Enhancing sago potential for application in research and industry". UNIMAS, SARAWAK 25-26 Octubre, 2016.

Nur Fashareena Adila Binti Abdul Rahim, Octavio CarvajalZarrabal, Nur'Ain Izaty binti Abdul Hamid, **Cirilo Nolasco Hipolito**, Nurfaezza Amat Jafar, Maryana Binti Dahari, and Kopli Bujang. **2016**. The effect of supplementation by different nitrogen sources on the production of lactic acid from hydrolyzed sago starch by *Lactococcus lactis* IO-1. Poster Presentation. 3rd ASEAN Sago Symposium. Enhancing sago potential for application in research and industry". UNIMAS, SARAWAK, Malasia. 25-26 Octubre, 2016.

Nurfaezza Amat Jafar, Octavio Carvajal-Zarrabal, Maryana Binti Dahari, **Cirilo Nolasco-Hipolito**, Nur'Ain Izaty binti Abdul Hamid, Nur Fashareena Adila Binti Abdul Rahim, and Kopli Bujang. **2016**. Modelling the ethanol fermentation and the growth of *saccharomyces cerevisiae* csi-1 in hydrolyzed sago starch-based media. Oral Presentation3rd ASEAN Sago Symposium. Enhancing sago potential for application in research and industry". UNIMAS, SARAWAK, Malasia 25-26 Octubre, 2016.

Lesley Maurice Bilung, Jasmin Jaraee, Micky Vincent & **Cirilo Hipolito Nolasco**. **2016**. Detection and antibiotic susceptibilities profile of *Bacillus cereus* associating with sago processing in Sarawak. Oral Presentation. 3rd ASEAN Sago Symposium. Enhancing sago potential for application in research and industry". UNIMAS, SARAWAK. 25-26 Octubre, 2016.



Cirilo Nolasco Hipólito, Octavio Carvajal Zarrabal, et al. **2014**. Tangential flow filtration of model solutions of sago starch. CINVESTAV-IPN, Zacatenco, México City, México, Septiembre. 9-12, 2014.

Cirilo Nolasco Hipólito, Octavio Carvajal, et al. **2013**. Long term repeated bath fermentation of hydrolyzed sago starch for ethanol production. Convention Centre, Cancún, Mérida. México. National Congress for the Mexican Society of Biotechnology and Bioengineering. 23-28 Junio 2013.

Cirilo Nolasco Hipólito, Octavio Carvajal, et al. **2012**. Long term repeated batch fermentation for ethanol production. Promenade Hotel, Kota Kinabalu, Sabah Malaysia. 31st Symposium of the Malaysian Society for Microbiology 12-15 Diciembre 2012.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2012**. Repeated batch fermentation for ethanol production in glucose from sago starch. Detar Putra. Universiti Malaysia Sarawak. 2nd ASEAN International Sago Symposium. 29-31 Octubre.

Samantha Siong Ling-Chee, **Cirilo Nolasco Hipólito**, Octavio Carvajal. et al. **2012**. Removal of starch from starch solutions by tangential flow filtration. Detar Putra. Universiti Malaysia Sarawak. The 4th regional conference on natural resources In the tropics (Ntrop4). 19-21 Sept. 2012.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2011**. Repeated batch fermentation for lactic acid production by *Enterococcus faecium* in liquefied sago starch. International Congress of the Malaysian Society for Microbiology 2011. Batu Ferringhi, Penang Malaysia. 8-11 Diciembre. 2011.

Awang Ahmad Sallehin Awang Husaini, Noorhidayah Mut, **Cirilo Nolasco Hipólito**. **2011**. Midas Touch: Turning waste into gold. Bioconversion of Sago Hampas to Fermentable Sugars with Zero Discharge. 13-15 Sept 2011. Lumpur Convention Centre PECEPTA 2011.

Awang Ahmad Sallehin Awang Husaini, Noorhidayah Mut, **Cirilo Nolasco-Hipolito**. **2010**. Midas Touch: Turning Waste into "Gold". Bioconversion of sago hampas to fermentable sugars with zero discharge. UNIMAS Research and Development Exposition 2011. UNIMAS 28-29 March 2011. Project awarded with Silver Medal. Marzo 25, 2010.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2010**. Reuse of lactic acid bacteria in repeated batch fermentation mode using hydrolysed sago starch to produce lactic acid. International Symposium on Lactic Acid Bacteria Universiti Putra Malaysia. 25-27 Julio 2010.

Sarina Anak Niyup, Rubena Malfia Kamaldin, **Cirilo Nolasco Hipólito**, Octavio Carvajal. et al. **2010**. Method for the Hydrolysis of Sago Starch. Dept. Mol. Biol., Fac. Resource Science and Technology, Universiti Malaysia Sarawak. 2010. 24th-25th Mayo.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2010**. Glucose from hydrolysed sago starch to produce lactic acid using *Lactococcus lactis*. International Symposium on Lactic Acid Bacteria Universiti Putra Malaysia. IO-1. 25 - 27 Julio 2010.

Cirilo Nolasco Hipólito. **2010**. Biorefineries: Some specific applications. Research Seminar Series 02/10. Bioprocess Technology. Dpt. Mol. Biol. FRST. Unimas. Febrero 10, 2010.

Nolasco-Hipolito, C. **2009**. Development of an industrial automatic system for continuous production of bioethanol. Poster Technical Symposium of National Colleges of Technology. Kochi City, Japan.

Nolasco Hipólito, C. **2008**. Life Cycle Assessment at Cangrejera Petrochemical Plant. Forum on eco-efficiency, Clean Technologies, and Sustainable consumption. Coatzacoalcos, Ver. Mex. Sept 10-12, 2008.



Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2008**. Use of polyglutamic acid PGA α 21 in the treatment of vinasse from an alcohol distillery. 2008. Poster. The 3rd Internal. Meeting on Environmental. Palma de Mallorca, Spain 21-25 Sept 2008.

Nolasco-Hipolito, C. 2008. Bioethanol co-generation production system from diverse industrial waste. International Open Lecture Series for a Sustainable Future. Kurume-Shi, Octubre 12 2008.

Nolasco-Hipolito, C. 2008. Ishizaki process" a high-speed bioprocess for fuel-ethanol production. Memorial Symposium. Kyushu University Octubre 12, 2008.

Nolasco-Hipolito, C. 2008. Development of Necfer Corporation technology for the production of ethanol using Sago starch. 3rd Asia Bio-business Partnering, Kurume, Japan Octubre 14, 2008.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. 2007. Necfer's new technology for bio-ethanol from sago log. 2nd Asia Bio-business Partnering, **2007**. Gangwon Korea. Mayo 28-30 2007.

Morales-Mora MA Candelario, Rodríguez, M.M, Herrera Gálvez, V., **Nolasco Hipólito, C. 2007**. Life cycles analysis of polystyrene and styrene-ethylbenzene production in Mexico. 3rd international conference on life cycle management Zurich, Austria, Poster. Aug 27-29 2007.

Morales-Mora MA Candelario, Rodríguez, M.M, Herrera Gálvez, V., **Nolasco Hipólito, C. 2007**. Eco-efficiency strategy to reduce the water consumption. Poster 6th IWA specialist conference. Antwerp, Belgium. Octubre 9-12 2007.

Cirilo Nolasco Hipólito, Octavio Carvajal. et al. **2006**. Rapid lactic acid fermentation to produce starting block material for biodegradable polymers. The 2nd Internal. Meeting on Environmental Biotechnology & Engineering. (2IMEBE). 26-29 Sept 2006.

Monterrubio Badillo & **Nolasco Hipólito, C. 2006**. Perovskite thin films by suspension plasma spraying for fuel cells Meeting. The 2nd Internal. Meeting Environmental Biotechnology & Engineering. (2IMEBE). 26-29 Sept 2006.

❖ DISTINCIONES ACADÉMICAS

- Miembro del Sistema Nacional de Investigadores (SNI), nivel 1.
- Perfil Deseable PRODEP.
- Docente-Investigador de Postgrado
- Selenio, Zinc y DMSA en la intoxicación renal por Mercurio. Reconocimiento por **mejor ponencia en el área de ciencias de la salud**. 9° Congreso internacional virtual de innovación, tecnología y educación. Nov. 4-5, 2021. Tijuana Baja California.

❖ PUBLICACIONES

1. Leticia Guadalupe Navarro-Moreno, Andrea Rangel-Cordero, **Cirilo Nolasco-Hipólito**, Luis Felipe Collado. Degradación química de pet y su metabolismo por consorcios fúngicos. (**2022**). Vol. 3 No. 1 (2022): South Florida Journal of Development, 3(1): 1492-1506. ISSN 2675-5459. <https://doi.org/10.46932/sfjdv3n1-114>.
2. Fukuda D, **Nolasco-Hipólito C. (2022)**. Draft Genome Sequence of Weissella soli Strain DB-2, Isolated from Nukadoko. Microbiol Resour Announc. 11(2): e01160-21. <https://doi.org/10.1128/MRA.01160-21>.

3. Barradas-Dermitz, Dulce María; **Nolasco-Hipolito Cirilo**; Hayward-Jones, Patricia Margaret; Ramírez-Hernández Aurelio; Calderon-Garcidueñas, Ana Laura; Olaide Olawunmi Ajibola; Carvajal-Zarrabal Octavio. (2022). Contribution to the phytomedicinal study of the solid and aqueous extract of *Anthurium schlechtendalii* Kunth root against liver damage in a rat model. *Pharmacologyonline*. 3: 1283-1291. https://pharmacologyonline.silae.it/files/archives/2021/vol3/PhOL_2021_3_A141_Barradas-Dermitz.pdf.
4. Olaide-Olawunmi Ajibola, Samuel Lihan, Ahmad Hussaini, **Cirilo Nolasco-Hipolito**, Octavio Carvajal-Zarrabal, Shahrul-Razid Sarbini, & Sharifah Aminah Syed-Mohamad. (2021) Cell viability, physicochemical and sensory characteristics of probiotic coconut juice during cold storage. *Journal of Sustainability Science and Management*. 16(8): 2021: 1-13. eISSN: 2672-7226. <http://doi.org/10.46754/jssm.2021.12.001>.
5. Fukuda D, **Nolasco-Hipólito C.** (2021). Draft Genome Sequence of *Bacillus paranthracis* Strain DB-4, Isolated from Nukadoko, Fermented Rice Bran for Japanese Pickles. *Microbiol Resour Announc*.10(40):e0070521. <https://doi.org/10.1128/MRA.00705-21>.
6. Navarro-Moreno, Leticia Guadalupe; Cruz-Victoriano, David; **Nolasco-Hipólito, Cirilo.** (2021). Selenio, zinc y DMSA en la intoxicación renal por mercurio (Selenium, Zinc and DMSA in renal mercury poisoning). En: innovación y multidisciplinariedad en la práctica docente: contribución significativa al aprendizaje. Cap. 1. Capital Humano y Ciencias de la Salud. Edit.: Ojeda-Orta, María Elizabeth; Plazola-Rivera, María Soledad; Berrelleza-Carrillo, Mariann. EDICIONES ILCSA S.A. DE C.V. ISBN: 978- 607-8705 -52- 8.
7. Ramírez-Lagunes, H., Aguilar-Uscanga, M.G., Infanzón-Rodríguez, M.I., Sachman-Ruiz, B., Gómez-Rodríguez, J., **Nolasco-Hipólito, C.**, del Moral, S. (2021). Optimization of xylanase production from *Aspergillus tamarii* SCBH2 using response surface methodology. *Biomass Conv. Bioref*. <https://doi.org/10.1007/s13399-021-02046-z>.
8. John, Monnie, Mohammad Omar Abdullah, Tan Yie Hua, and **Cirilo Nolasco-Hipólito.** (2021). “Techno-Economical and Energy Analysis of Sunflower Oil Biodiesel Synthesis Assisted with Waste Ginger Leaves Derived Catalysts.” *Renewable Energy* 168: 815–28. <https://doi.org/10.1016/j.renene.2020.12.100>.
9. García-Muñoz, M.A., Cruz-Velazco, N., Chávez-Martínez, A., **Nolasco-Hipólito, C.**, & Abad-Zavaleta, J. (2021). Genetic characterization of the microbiota of artisan fresh cheese from the Papaloapan region. *Mexican Journal of Biotechnology* 2021, 6(2):61-85. <https://doi.org/10.29267/mxjb.2021.6.2.61>.
10. Ayahuasca healing and chemical properties: a mini-review. (2019). Susana Lozano Muñiz, María Cristina Cubillo Nápolez, José Antonio Acevez León, Nico Aramburu, Jessica Donaji Coronel Guajardo Guillermo Mauro Lagrota , Diego Becker Borin, **Cirilo Nolasco Hipólito**. Meeting of Food Engineering .2019. Vol 3 Year 3 Issue 3, ISSN 2619-3387.
11. Meeting of Food Engineering .2019. Vol 3 Year 3 Issue 3, ISSN 2619-3387. Edits. Susana Lozano Muñiz, **Cirilo Nolasco Hipolito**, Lucio Abel Vázquez León. www.bio.edu.mx/mfe.
12. Hernández-Sánchez, F., Aguilera-Morales, M. E., Lorenzo-Manzanarez, J. L., Navarro-Moreno, L. G., Tan, Y.-H., & **Nolasco-Hipolito, C.** (2020). The Effect of Different Cooking Methods on The Nutritional Composition f *Tilapia* (*Oreochromis* Sp.). *Journal of Applied Science & Process Engineering*, 7(1), 489–499. <https://doi.org/10.33736/jaspe.1990.2020>.
13. Ling, J.S.J., Yie Hua, T., Mubarak, N.M., Kansedo, J., Saptoro, A., & **Nolasco-Hipolito. C.** (2019). A review of heterogeneous calcium oxide based catalyst from waste for biodiesel synthesis. *SN Applied Sciences*, 1:810. <https://doi.org/10.1007/s42452-019-0843-3>.

14. Faridah-Salleh, S., Khan, A., **Nolasco Hipolito, C.**, Kinidi, K., Abang Hardin, D.S.H. (2019). An Analytical Modeling Approach for Performance Evaluation of Electrostatic Precipitator (ESP). *Journal of Energy and Safety Technology*, 01(2-2): 63 – 73. <https://doi.org/10.11113/jest.v1n2-2.33>.
15. **Cirilo Nolasco-Hipolito**, Octavio Carvajal-Zarrabal, Eivo Kelvin, Yie Hua Tan, Mizuno Kohei, Stanley Anthony Nyoel, Esaki Shoji, Hamady Dieng and Kopli Bujang. (2019). Scaling up of Lactic Acid Fermentation using *Enterococcus faecalis*. *IOP Conference Series: Materials Science and Engineering*, 495:(2019) 012089. <http://dx.doi.org/10.1088/1757-899X/495/1/012049>.
16. Yie-Hua Tan, Siti Maerinda Tasirin, Agus Saptoro, **Cirilo Nolasco-Hipolito**. (2019). Drying characteristics of oil palm frond particles bed dryer. *Conference Series: Materials Science and Engineering*, 495:1. <http://dx.doi.org/10.1088/1757-899X/495/1/012089>.
17. Tan, Y. H., Abdullah, M. O., Kasedo, J., Mubarak, N. M., San Chan, Y., & **Nolasco-Hipolito, C.** (2019). Biodiesel Production from Used Cooking Oil using Green Solid Catalyst Derived from Calcined Fusion Waste Chicken and Fish Bones. *Renewable Energy*. 139: 696-706. <https://doi.org/10.1016/j.renene.2019.02.110>.
18. Quah, R. V., Tan, Y. H., Mubarak, N. M., Khalid, M., Abdullah, E. C., & **Nolasco-Hipolito, C.** (2019). An overview of biodiesel production using recyclable biomass and non-biomass derived magnetic catalysts. *Journal of Environmental Chemical Engineering*, 103219. <https://doi.org/10.1016/j.jece.2019.103219>.
19. Siong Ling-Chee, S., Carvajal-Zarrabal, O., **Nolasco-Hipólito, C.**, Abdullah, M. O., Shoji, E., Aguilar-Uscanga, M. G., ... Samawi, S. (2018). Separation of sago starch from model suspensions by tangential flow filtration. *Chemical Engineering Communications*, 1–14. <https://doi.org/10.1080/00986445.2018.1544897>.
20. Morales-Mora, M. A., Pretelin-Vergara, C. F., Martínez-Delgadillo, S. A., Iuga, C., & **Nolasco-Hipolito, C.** (2018). Environmental assessment of a combined heat and power plant configuration proposal with post-combustion CO₂ capture for the Mexican oil and gas industry. *Clean Technologies and Environmental Policy*. <https://doi.org/10.1007/s10098-018-1630-3>.
21. Hamady Dieng, Tomomitsu Satho, Fatimah Abang, Fumio Miake, Fatin A. B. Azman, Nurshilawati A. Latip, Nur Ezzati Aliasan, Sabina Noor, **Cirilo Nolasco-Hipolito**, Abu Hassan Ahmad, Idris A. Ghani, Hamdan Ahmad, Wan Fatma Zuharah, Abdul Hafiz A. Majid, Ronald E. Morales Vargas, Noppawan P. Morales, Siriluck Attrapadung & Gabriel Tonga Noweg . (2018). Courtship activity, copulation & insemination success in a mosquito vector fed a herbal aphrodisiac: Implications for sterile insect technology. *Indian Journal of Medical Research*. 148(3):334-340. https://doi.org/10.4103/ijmr.IJMR_1604_16 .
22. Dieng, H., Satho, T., Meli, N., Abang, F., **Nolasco hipolito, C.**, & Hakim, H., (2018) Occurrence of Sweet Refuse at Disposal Sites: Rainwater Retention Capacity and Potential Breeding Opportunities for *Aedes Aegypti*, *Environmental Science & Pollution Research*, 25(2), pp. 1-11. <https://doi.org/10.1007/s11356-017-1078-8> .
23. Yie Hua Tan, Mohammad Omar Abdullah, Jibrail Kasedo, Agus Saptoro and **Cirilo Nolasco Hipolito**. (2018). Optimization of Ostrich Eggshell Catalyst in Transesterification Using Waste Cooking Oil via Response Surface Methodology. *Journal of Applied Science & Process Engineering* 5(2):277-285. eSSIN 2289-7771.
24. Lau, W. X., Carvajal-Zarrabal, O., **Nolasco-Hipólito, C.**, Kohei, M., Gregory, Z. A-A., Abdullah, M. O., Toh, S. C., Lihan. S. (2018). Production of pigments by *Rhodotorula mucilaginosa*. *Malaysian Journal of Microbiology*,14(4):344-350. Special Issue 2018. <http://dx.doi.org/10.21161/mjm.144188>.

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