

MAESTRÍA EN CIENCIAS DE LA INGENIERÍA
LGAC1
RESUMEN PRODUCTOS

TABLA RESUMEN PRODUCTOS LGAC1

No. Producto	ID Producto	Descripción
1	LGAC1--2021-JCR-1	Rodriguez-Guillen, Joel; Salas-Cabrera, Ruben; Garcia-Vite, Pedro Martin; "Bond Graph as a formal methodology for obtaining a wind turbine drive train model in the per-unit system," International Journal of Electrical Power & Energy Systems, Ene., 2021, ISSN=0142-0615, DOI: 10.1016/j.ijepes.2020.106382.
2	LGAC1--2021-JCR-2	Pena-Delgado, Adrian F.; Peraza-Vazquez, Hernan; Almazan-Covarrubias, J.H.; Torres Cruz, Nicolas; Garcia-Vite, P.M.; Morales-Cepeda, Ana Beatriz; Ramirez-Arredondo, Juan M.; "A Novel Bio-Inspired Algorithm Applied to Selective Harmonic Elimination in a Three-Phase Eleven-Level Inverter," Mathematical Problems in Engineering, Dic., 2021, ISSN=1024-123X, DOI: 10.1155/2020/8856040.
3	LGAC1--2021-JCR-3	Coronel-Garcia, M. A.; De la Torre, A. R.; Dominguez-Esquivel, J. M., Melo-Banda, J. A.; Martinez-Salazar, A. L.; (2021). Heavy oil hydrocracking kinetics with nano-nickel dispersed in PEG300 as slurry phase catalyst using batch reactor. Fuel, 283, 118930. https://doi.org/10.1016/j.fuel.2020.118930
4	LGAC1--2020-JCR-1	Villarreal-Hernandez, Carlos A.; Loranca-Coutino, Javier; Mayo-Maldonado, Jonathan C.; Valdez-Resendiz, Jesus E.; Garcia-Vite, Pedro Martin; Valderrabano-Gonzalez, Antonio; Rosas-Caro, Julio C.; "A Double Dual Boost Converter with Switching Ripple Cancellation for PEMFC Systems," ELECTRONICS, Oct., 2020, ISSN= 2079-9292, DOI: 10.3390/electronics9101592.
5	LGAC1--2020-JCR-2	Garcia-Vite, Pedro Martin; Reyes-Garcia, Brenda Lizeth; Valdez-Hernandez, Cynthia Lucero; Martinez-Salazar, A. L.; "Microcontroller-based emulation of a PEM fuel cell," INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, May. 2020, ISSN= 1879-3487, DOI: 10.1016/j.ijhydene.2019.10.034
6	LGAC1--2020-JCR-3	Coronel-Garcia, M. A.; Salazar-Barrera, J. G.; Malpica-Maldonado, J. J.; Martinez-Salazar, A. L.; Melo-Banda, J. A.; (2020). Hydrogen production by aluminum corrosion in aqueous hydrochloric acid solution promoted by sodium molybdate dihydrate. International Journal of Hydrogen Energy. ISSN: 0360-3199. https://doi.org/10.1016/j.ijhydene.2020.01.122
7	LGAC1--2020-JCR-4	Martinez-Salazar, A. L.; Melo-Banda, J. A.; Coronel-Garcia, M. A.; Gonzalez-Barbosa, J. J.; Dominguez-Esquivel, J. M.; (2020). Hydrogen generation by aluminum alloy corrosion in aqueous acid solutions promoted by nanometal: Kinetics study. Renewable Energy, 146, 2517-2523. ISSN: 0960-1481. https://doi.org/10.1016/j.renene.2019.08.103
8	LGAC1--2019-JCR-1	Garcia-Vite, Pedro Martin; Rosas-Caro, Julio C.; Martinez-Salazar, Ana Lidia; Chavez, Jose de Jesus; Valderrabano-Gonzalez, Antonio; Sanchez-Huerta, Victor M.; "Quadratic buck-boost converter with reduced input current ripple and wide conversion range," IET POWER ELECTRONICS, Dic., 2019, ISSN= 1755-4543, DOI: 10.1049/iet-pel.2018.5616.
9	LGAC1--2019-JCR-2	Martinez-Salazar, Ana Lidia; Melo-Banda, J. A.; Coronel-Garcia, M. A.; Garcia-Vite, Pedro Martin; Martinez-Salazar, Iris; Dominguez-Esquivel, J. M.; "Technoeconomic analysis of hydrogen production via hydrogen sulfide methane reformation," INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, May., 2019, ISSN= 1879-3487, DOI: 10.1016/j.ijhydene.2018.11.023.
10	LGAC1--2019-JCR-3	Mayo-Maldonado, Jonathan C.; Valdez-Resendiz, Jesus E.; Garcia-Vite, Pedro Martin; Rosas-Caro, Julio C.; del Rosario Rivera-Espinosa, M.; Valderrabano-Gonzalez, Antonio, "Quadratic Buck-Boost Converter With Zero Output Voltage Ripple at a Selectable Operating Point," IEEE TRANSACTIONS ON INDUSTRY APPLICATIONS, May., 2019, ISSN= 1939-9367, DOI: 10.1109/TIA.2018.2889421.
11	LGAC1--2019-JCR-4	Malpica-Maldonado, J. J.; Melo-Banda, J. A.; Martinez-Salazar, A. L.; Garcia-Hernandez, M.; (2019). Synthesis and characterization of Ni-Mo2C particles supported over hydroxyapatite for potential application as a catalyst for hydrogen production. International Journal of Hydrogen Energy, 44(24), 12446-12454. ISSN: 0360-3199. https://doi.org/10.1016/j.ijhydene.2018.08.152
12	LGAC1--2018-JCR-1	Garcia-Vite, Pedro Martin; Rivera-Espinosa, Maria del Rosario; Alexandre-Lopez, Alfredo Y.; Castillo-Gutierrez, Rafael; Gonzalez-Rodriguez, Aaron; Hernandez-Angel, Francisca; "Analysis and implementation of a step-up power converter with input current ripple cancelation," INTERNATIONAL JOURNAL OF CIRCUIT THEORY AND APPLICATIONS, Jul., 2018, ISSN= 1097-007X, DOI: 10.1002/cta.2478.
13	LGAC1--2018-JCR-2	Gonzalez-Hernandez, Jose Genaro; Salas-Cabrera, Ruben; "Representation and estimation of the power coefficient in wind energy conversion systems", Revista Facultad de Ingenieria (Rev. Fac. Ing.) Vol. 28 (50), pp. 77-90. January 2019. L-ISSN: 0121-1129, e-ISSN: 2357-5328, DOI: https://doi.org/10.19053/01211129.v28.n50.2019.8816
14	LGAC1--2017-JCR-1	Garcia-Vite, Pedro Martin; Soriano-Rangel, Carlos Abraham; Rosas-Caro, Julio Cesar; Mancilla-David, Fernando; "A DC-DC converter with quadratic gain and input current ripple cancelation at a selectable duty cycle," RENEWABLE ENERGY, Feb., 2017, ISSN = 0960-1481, DOI: 10.1016/j.renene.2016.09.010.
15	LGAC1--2019-RA-1	Cynthia Lucero Valdez-Hernandez; Brenda Lizeth Reyes-Garcia; Pedro Martin Garcia-Vite; Ana Lidia Martinez-Salazar; R. Castillo-Gutierrez; "Implementacion del modelo electroquimico de una celda de combustible tipo PEM," Coloquio de Investigacion Multidisciplinaria, 2019, ISSN= 2007-8102.

16	LGAC1--2019-RA-2	Sanchez Gamez Ivan; Gonzalez Rodriguez Aaron; Garcia Vite Pedro Martin; Velasco Perez Gerardo; "Control de Velocidad de un Motor de Corriente Directa a Traves De la Linea de Corriente Alterna", Transversalidad cientifica y tecnologica, Vol. 3, No. 1, pp. 22-28 Enero-Junio 2019, ISSN: 2448-895X
17	LGAC1--2019-RA-3	Garcia Perales M. A.; Garcia Vite Pedro Martin; Castillo Gutierrez R.; Gomez Mata V. A.; "Convertidor multiplicador de voltaje para paneles solares", Transversalidad cientifica y tecnologica, Vol. 3, No. 2, pp. 22-28 julio-diciembre 2019, ISSN: 2448-895X
18	LGAC1--2018-RA-1	Pedraza Barron Jesus Eduardo; Garcia Vite Pedro Martin; Torres Orozco Claudia Graciela; Rivera Espinosa Maria del Rosario; Alejandro Lopez Alfredo Yojanam; "Estructura de Comunicacion De Datos para el Control de un Convertidor Modular Multinivel," TRANSVERSALIDAD CIENTIFICA Y TECNOLÓGICA Mex. Vol. 2 (1) enero-junio 2018, ISSN: 2448-895X.
19	LGAC1--2018-RA-2	Garcia-Vite, Pedro Martin; Sanchez-Huerta, Victor M.; Chan-Puc, Freddy I.; "Nuevo Metodo de Modulacion de Vectores Espaciales", REVISTA DEL CENTRO DE GRADUADOS E INVESTIGACION, Vol. 33 Num. 74 PP. 86-92 NOV. 2018 ISSN 0185-6294
20	LGAC1--2018-RA-3	Maria del Rosario Rivera Espinosa; Pedro Martin Garcia Vite; Yadira Salazar Gonzalez; Iracema Guadalupe Bautista Amador; Juan Jose Sanchez Palomo; "Carga electronica para la obtencion experimental de curvas caracteristicas de paneles solares", Journal CIM Vol. 6, Num. 1, Coloquio de Investigacion Multidisciplinaria 2018, ISSN: 2007-8102.
21	LGAC1--2018-RA-4	Garcia-Guendulain, Crescencio; Peralta-Sanchez, Edgar; Torres-Orozco, Claudia Graciela; Garcia-Vite, Pedro Martin; "Convertidor SEPIC para MPPT (Maximum Power Point Tracking) en Turbina Eolica", Revista de Prototipos Tecnologicos, Jun. 2018 Vol.4 No.12 26-33.
22	LGAC1--2017-RA-1	Gonzalez-Hernandez, Jose Genaro; Salas-Cabrera, Ruben; Soriano-Rangel, Carlos; Salas-Cabrera, E. Nacu; "Applying Parametric Functional Approximations for Teaching Electromechanical Systems". IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE), Volume 12, Issue 1 Ver. III, Jan. – Feb. 2017. e-ISSN: 2278-1676,p-ISSN: 2320-3331.
23	LGAC1--2020-MC-1	G. G. Suarez-Velazquez; G. E. Mejia-Ruiz; Pedro Martin Garcia-Vite; "Control and Grid Connection of Fuel Cell Power System," 2020 IEEE International Autumn Meeting on Power, Electronics and Computing (ROPEC), Ixtapa, Mexico, 2020, pp. 1-5. doi: 10.1109/ROPEC50909.2020.9258729
24	LGAC1--2020-MC-2	Malpica-Maldonado J.J.; Martinez-Salazar A.L.; Melo-Banda J.A.; Portales-Martinez B; Pacheco Buendia S.; (2020). Synthesis of Mo2C-Ni2Mo3N nanocomposites as a catalyst for bio jet fuel production. XX International Congress of the Mexican Hydrogen Society (Online). ISSN: 2448-7120.
25	LGAC1--2020-MC-3	Cruz-Santiago L.A.; Martinez-Salazar A.L.; Portales-Martinez B.; Lemus-Santana A.A.; Reguera Ruiz E.F.; (2020). Mixed iron oxides as materials for hydrogen production: thermochemical cycles studies. XX International Congress of the Mexican Hydrogen Society (Online). ISSN: 2448-7120.
26	LGAC1--2020-MC-4	Malpica-Maldonado J.J.; Martinez-Salazar A.L.; Melo-Banda J.A.; Fernandez-Jonguitud, O.; Juarez-Mendez, M.E.; Pacheco Buendia S.; (2020). Synthesis and characterization of MoP nanoparticles. XX International Congress of the Mexican Hydrogen Society (Online). ISSN: 2448-7120.
27	LGAC1--2020-MC-5	Hernandez-Mendoza E.; Melo-Banda J.A.; Martinez-Salazar AL; (2020). Efecto del tiempo de exfoliación mecanica en la síntesis de óxido de grafeno por el método de Hummer's modificado. XXVII Congreso Iberoamericano de Catálisis (Online). ISSN: en trámite.
28	LGAC1--2019-MC-1	Rosado Gonzalez Jonathan Miguel; Brenda Lizeth Reyes-Garcia; Cynthia Lucero Valdez-Hernandez; Pedro Martin Garcia-Vite; "Desarrollo de un Sistema Inalambrico para Adquisicion y Monitoreo de Datos en una Smart Grid," Emprendedurismo e Ingenieria, 1ª Edicion, 16 de Junio del 2019, ISBN 978-607-9394-18-9.
29	LGAC1--2019-MC-2	Cruz-Santiago L.A.; Martinez-Salazar A.L.; Portales-Martinez B.; et al. (2019). Zinc ferrites for methyl radicals formation: a study of water adsorption influence. XIX International Congress of the Mexican Hydrogen Society. Ciudad de México, México. ISSN: 2448-7120.
30	LGAC1--2019-MC-3	Malpica-Maldonado J.J.; Melo-Banda J.A.; Martinez-Salazar A.L.; (2019). Synthesis and Characterization of Ni-Mo2C NANOPARTICLE CORE/SHELL for potencial Applications as a Catalyst to Bio-Fuels Production, XIX International Congress of the Mexican Hydrogen Society, 1 al 4 Octubre, 2019.
31	LGAC1--2019-MC-4	Arellano-Dominguez E.; Martinez-Salazar A.L.; Malpica-Maldonado J.J.; (2019). Analysis for an In-Situ Hydrogen Continuous Production System by Aluminum Corrosion in Aqueous Acid Solution using Sodium Molibdate as a Promotor, XIX International Congress of the Mexican Hydrogen Society, 1 al 4 Octubre, 2019.
32	LGAC1--2018-MC-1	Pedro Martin Garcia-Vite; M. del Rosario Rivera-Espinosa; R. Castillo-Gutierrez; F. Hernandez-Angel; "A High Step-Up Power Converter with Reduced Input Current Ripple for PV Applications," 2018 IEEE International Autumn Meeting on Power, Electronics and Computing (ROPEC), Ixtapa, Mexico, 2018, pp. 1-6. doi: 10.1109/ROPEC.2018.8661398
33	LGAC1--2018-MC-2	M. Orozco; J. De Jesus Chavez; M. Popov; Pedro Martin Garcia-Vite; "Dynamic Equivalent Based on Balanced Realizations for Interconnection of Photovoltaic Distributed System," 2018 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe), Sarajevo, 2018, pp. 1-6. doi: 10.1109/ISGTEurope.2018.8571603
34	LGAC1--2018-MC-3	Martinez-Salazar A.L.; Espinosa De La Cruz J.O.; Coronel-Garcia M.A.; et al. (2018). Análisis de variables para la optimización del esterificador en el proceso de producción de Polietileno tereftalato

		(PET). Congreso Internacional de Investigación Academia Journals Celaya 2018. ISSN: 1946-5351. ISBN: 978-1-939982-42-2.
35	LGAC1--2018-MC-4	Salazar-Barrera J.G.; Martinez-Salazar A.L.; Garcia-Hernandez M.; et al. (2018). Hydrogen generation by aluminum alloy corrosion in aqueous acid solutions promoted by sodium molybdate. XVIII International Congress of the Mexican Hydrogen Society. Ciudad de México, México. ISSN: 2448-7120.
36	LGAC1--2018-MC-5	Malpica-Maldonado J.J.; Melo-Banda J.A.; Martinez-Salazar A.L.; (2018). Synthesis of catalytic material of Ni-Mo ₂ C over hydroxyapatite for application in hydrogen production by biomass gasification. XVIII International Congress of the Mexican Hydrogen Society. Ciudad de México, México. ISSN: 2448-7120.
37	LGAC1--2018-MC-6	Alejandro-Lopez, A.Y.; Garcia-Vite P.M.; Rivera-Espinosa, M.R.; Castillo-Gutierrez, R.; Salas-Cabrera, R.; Pedraza-Barron, J.E.; (2018) Esquema de Regulación de Voltaje en los submódulos de un inversor modular multinivel. EN XIV Congreso Internacional sobre Innovacion y Desarrollo Tecnológico, 21 al 23 marzo del 2018, Cuernavaca Morelos.
38	LGAC1--2017-MC-1	M. del Rosario Rivera-Espinosa; A. Y. Alejandro-Lopez; J. E. Pedraza-Barron; Pedro Martin Garcia-Vite; H. R. Robles-Campos. "A high step-up DC-DC converter with MPPT for PV application," 2017 IEEE International Autumn Meeting on Power, Electronics and Computing (ROPEC), Ixtapa, pp. 1-6.
39	LGAC1--2017-MC-2	Martinez-Salazar A.L.; Malpica-Maldonado J.J.; Coronel-Garcia M.A.; Gonzalez-Barbosa J.J. (2017). Producción de hidrógeno mediante corrosión de aleaciones de aluminio en solución acuosa ácida con promotores. Congreso Internacional de Investigación Academia Journals Tuxpan 2017. ISSN: 1946-5351. ISBN: 978-1-939982-29-2.
40	LGAC1--2020-CON-1	Cruz-Santiago L.A.; Martinez-Salazar A.L.; Portales-Martinez B.; Lemus-Santana A.A.; Reguera Ruiz E.F.; (2020). Mixed iron oxides as materials for hydrogen production: thermochemical cycles studies. XX International Congress of the Mexican Hydrogen Society (Online). ISSN: 2448-7120.
41	LGAC1--2020-CON-2	E. Hernandez-Mendoza; J.A. Melo-Banda; A.L. Martinez-Salazar; Efecto del Tiempo de Exfoliación Mecánica en la Síntesis de Óxido de Grafeno por el Método de HUMMER's modificado. EN XXVII Congreso Iberoamericano de Catalisis 2020, Mexico.
42	LGAC1--2019-CON-1	Cruz-Santiago L.A.; Martinez-Salazar A.L.; Portales-Martinez B.; et al. (2019). Zinc ferrites for methyl radicals formation: a study of water adsorption influence. XIX International Congress of the Mexican Hydrogen Society. Ciudad de México, México. ISSN: 2448-7120.
43	LGAC1--2019-CON-2	R. Salas-Cabrera; (2019) Financiamiento para estudios de Licenciatura y Posgrado. EN Semana de la Ciencia y la Tecnología, 2019, CETIS 78, Altamira, Tamps.
44	LGAC1--2019-CON-3	R. Salas-Cabrera; (2019) Indicadores de Desarrollo Tecnológico para el SNI. EN Curso de Innovación y Valorización, Comercialización y Transferencia de Conocimiento y Tecnología, TECNM/ITCM.
45	LGAC1--2018-CON-1	Martinez-Salazar, A.L.; (2018) Technical Analysis of Hydrogen Production via Hydrogen Sulfide methane reformation for petrochemical process optimization. 2do. Congreso Regional de Energías Renovables 2018, Aguascalientes.
46	LGAC1--2020-SOLPAT-1	C. Garcia-Grendulain; J.A. Hernandez-Munoz; R. Salas-Cabrera; (2020). Multigenerador de Corriente, Voltaje, Potencia Activa y Reactiva de Corriente Alterna. Num. de Solicitud: MX/u/2018/000726
47	LGAC1--2020-SOLPAT-2	J.A. Hernandez-Munoz; R. Salas-Cabrera; (2020). Sistema de Medición de Energía Eléctrica Patrón Monofásico Portátil. Num. de Solicitud: MX/u/2018/000661

TABLA RESUMEN PRODUCTOS POR ESTUDIANTE EN LGAC1

No. Producto	Estudiante	ID Producto
1	Brenda Lizeth Reyes Garcia	LGAC1--2019-MC-1
2	Erick Arellano Dominguez	LGAC1--2019-MC-4
3	Brenda Lizeth Reyes Garcia	LGAC1--2019-RA-1
4	Brenda Lizeth Reyes Garcia	LGAC1--2020-JCR-2

TABLA RESUMEN PRODUCTOS POR PROFESOR EN LGAC1

No. Producto	Profesor	ID Producto
1	Luciano Aguilera Vazquez	LGAC3--2021-JCR-2
2	Luciano Aguilera Vazquez	LGAC3--2020-MC-10
3	Luciano Aguilera Vazquez	LGAC3--2020-CON-2
4	Luciano Aguilera Vazquez	LGAC3--2019-RA-1
5	Luciano Aguilera Vazquez	LGAC3--2019-RA-2
6	Luciano Aguilera Vazquez	LGAC3--2019-MC-7
7	Luciano Aguilera Vazquez	LGAC3--2018-CAPLIB-1
8	Luciano Aguilera Vazquez	LGAC3--2017-MC-16
9	Ana Lidia Martinez Salazar	LGAC1--2021-JCR-3
10	Ana Lidia Martinez Salazar	LGAC2--2021-MC-2
11	Ana Lidia Martinez Salazar	LGAC2--2021-CON-2
12	Ana Lidia Martinez Salazar	LGAC2--2021-CON-3
13	Ana Lidia Martinez Salazar	LGAC1--2020-JCR-2
14	Ana Lidia Martinez Salazar	LGAC1--2020-JCR-3
15	Ana Lidia Martinez Salazar	LGAC1--2020-JCR-4
16	Ana Lidia Martinez Salazar	LGAC1--2020-MC-2
17	Ana Lidia Martinez Salazar	LGAC1--2020-MC-3
18	Ana Lidia Martinez Salazar	LGAC1--2020-MC-4
19	Ana Lidia Martinez Salazar	LGAC1--2020-MC-5
20	Ana Lidia Martinez Salazar	LGAC1--2020-CON-1
21	Ana Lidia Martinez Salazar	LGAC1--2020-CON-2
22	Ana Lidia Martinez Salazar	LGAC1--2019-JCR-1
23	Ana Lidia Martinez Salazar	LGAC1--2019-JCR-2
24	Ana Lidia Martinez Salazar	LGAC1--2019-JCR-4
25	Ana Lidia Martinez Salazar	LGAC1--2019-RA-1
26	Ana Lidia Martinez Salazar	LGAC1--2019-MC-2
27	Ana Lidia Martinez Salazar	LGAC1--2019-MC-3
28	Ana Lidia Martinez Salazar	LGAC1--2019-MC-4
29	Ana Lidia Martinez Salazar	LGAC1--2019-CON-1
30	Ana Lidia Martinez Salazar	LGAC1--2018-MC-3
31	Ana Lidia Martinez Salazar	LGAC1--2018-MC-4
32	Ana Lidia Martinez Salazar	LGAC1--2018-MC-5
33	Ana Lidia Martinez Salazar	LGAC1--2018-CON-1
34	Ana Lidia Martinez Salazar	LGAC1--2017-MC-2
35	Pedro Martin Garcia Vite	LGAC1--2021-JCR-1
36	Pedro Martin Garcia Vite	LGAC1--2021-JCR-2
37	Pedro Martin Garcia Vite	LGAC1--2020-JCR-1
38	Pedro Martin Garcia Vite	LGAC1--2020-JCR-2
39	Pedro Martin Garcia Vite	LGAC1--2020-MC-1
40	Pedro Martin Garcia Vite	LGAC1--2019-JCR-1
41	Pedro Martin Garcia Vite	LGAC1--2019-JCR-2
42	Pedro Martin Garcia Vite	LGAC1--2019-JCR-3
43	Pedro Martin Garcia Vite	LGAC1--2019-RA-1
44	Pedro Martin Garcia Vite	LGAC1--2019-RA-2
45	Pedro Martin Garcia Vite	LGAC1--2019-RA-3
46	Pedro Martin Garcia Vite	LGAC3--2019-RA-2
47	Pedro Martin Garcia Vite	LGAC1--2019-MC-1
48	Pedro Martin Garcia Vite	LGAC1--2018-JCR-1

49	Pedro Martin Garcia Vite	LGAC1--2018-RA-1
50	Pedro Martin Garcia Vite	LGAC1--2018-RA-2
51	Pedro Martin Garcia Vite	LGAC1--2018-RA-3
52	Pedro Martin Garcia Vite	LGAC1--2018-RA-4
53	Pedro Martin Garcia Vite	LGAC1--2018-MC-1
54	Pedro Martin Garcia Vite	LGAC1--2018-MC-2
55	Pedro Martin Garcia Vite	LGAC1--2018-MC-6
56	Pedro Martin Garcia Vite	LGAC1--2017-JCR-1
57	Pedro Martin Garcia Vite	LGAC1--2017-MC-1
58	Ruben Salas Cabrera	LGAC1--2021-JCR-1
59	Ruben Salas Cabrera	LGAC1--2020-SOLPAT-1
60	Ruben Salas Cabrera	LGAC1--2020-SOLPAT-2
61	Ruben Salas Cabrera	LGAC1--2019-CON-2
62	Ruben Salas Cabrera	LGAC1--2019-CON-3
63	Ruben Salas Cabrera	LGAC1--2018-JCR-2
64	Ruben Salas Cabrera	LGAC1--2018-MC-6
65	Ruben Salas Cabrera	LGAC1--2017-RA-1