



Ejemplos de productos obtenidos de las LGAC

En las siguientes tablas se enlistan por investigador los productos de mayor impacto (artículos JCR) en cada Línea de Generación y Aplicación del Conocimiento (LGAC) del programa de Maestría en Ciencias de los Materiales desde el periodo 2016 a la actualidad:

Profesores pertenecientes al Núcleo Académico Básico

Líneas de Generación y Aplicación del Conocimiento						
LGAC1: MODELACIÓN Y SIMULACIÓN DE MATERIALES Y PROCESOS						
LGAC2: MATERIALES AVANZADOS						
LGAC3: PROCESAMIENTO TÉRMICO, QUÍMICO Y MECÁNICO DE METALES Y ALEACIONES						
Profesor investigador	Producto	Autores	Revista	Año	Tipo	LGAC
Dr. Edgar Omar Reséndiz Flores	Gompertz binary particle swarm optimization and support vector data description system for fault detection and feature selection applied in automotive pedals components	Jesús Alejandro Navarro Acosta, <u>Edgar O. Reséndiz Flores</u>	The international Journal of Advanced Manufacturing Technology	2017	JCR	LGAC-1
	Optimal variable screening in automobile motor-head machining process using metaheuristic approaches in the Mahalanobis-Taguchi System	Yadira I. Reyes-Carlos, Cecilia G. Mota-Gutierrez, <u>Edgar O. Reséndiz-Flores</u>	The international Journal of Advanced Manufacturing Technology	2017	JCR	LGAC-1
	Optimal identification of impact variables in a welding process for automobile seats mechanism by MTS-GBPSO approach	<u>Edgar O. Reséndiz-Flores</u> , Mateo E. Lopez-Quintero	The international Journal of Advanced Manufacturing Technology	2017	JCR	LGAC-1
	Application of a generalized finite difference method to mould filling process	<u>Reséndiz-Flores, E. O.</u> , J. Kuhnert, y F. R. Saucedo-Zendej	European Journal of Applied Mathematics,	2017	JCR	LGAC-1
	A new approach for the numerical simulation of free surface incompressible flows using a meshfree method	Felix R. Saucedo-Zendejo y <u>Edgar O. Reséndiz-Flores</u>	Computer Methods in Applied Mechanics and Engineering	2017	JCR	LGAC-1
	Fault detection and optimal feature selection in automobile motor-head machining process	<u>Edgar O. Reséndiz-Flores</u> , Jesus A. Navarro-Acosta, Cecilia G. Mota-Gutierrez, Yadira I. Reyes-Carlos	The international Journal of Advanced Manufacturing Technology	2018	JCR	LGAC-1
	Mahalanobis-Taguchi system: state of the art	Cecilia Guadalupe Mota-Gutiérrez, <u>Edgar Omar Reséndiz-Flores</u> , Yadira Iracema Reyes-Carlos,	International Journal of Quality & Reliability Management,	2018	JCR	LGAC-1
	Meshfree numerical simulation of free surface thermal flows in mould filling processes using the Finite Pointset Method	Felix R. Saucedo-Zendejo y <u>Edgar O. Reséndiz-Flores</u>	International Journal of Thermal Sciences	2018	JCR	LGAC-1
	Numerical simulation of coupled fluid flow and heat transfer with	Felix R. Saucedo-Zendejo y <u>Edgar O. Reséndiz-Flores</u>	International Journal of Thermal Sciences	2018	JCR	LGAC-1





	phase change using the Finite Pointset Method					
	Three-dimensional flow prediction in mould filling processes using a GFDM	Felix R. Saucedo-Zendejo, Edgar O. Reséndiz-Flores , Jörg Kuhnert	Computational Particle Mechanics	2019	JCR	LGAC-1
	Transient heat transfer and 2olidification modeling in direct-chill casting using a generalized finite differences method	F.R. Saucedo-Zendejo, E. O. Reséndiz-Flores	Journal of Mining and Metallurgy, Section B: Metallurgy	2019	JCR	LGAC-1
	Optimal feature selection in industrial foam injection processes using hybrid binary Particle Swarm Optimization and Gravitational Search Algorithm in the Mahalanobis–Taguchi System	Edgar O. Reséndiz-Flores , Jesús Alejandro Navarro-Acosta, Agustín Hernández-Martínez	Soft Computing	2019	JCR	LGAC-1
	Space mapping for optimal control of a nonisothermal tube drawing process.	Butt, Azhar Iqbal Kashif, Kinza Mumtaz y Edgar O. Reséndiz-Flores	Mathematical Methods in the Applied Sciences	2020	JCR	LGAC-1
Dr. José Alonso Díaz Guillen	Development of Ceramic Foams Using Cast Iron Slag as a Raw Material	J. F. Lara-Sánchez, H.F Lope, M. Rodríguez-Reyes, J. A. Díaz-Guillen , J. R. Parga-Torres	Advances in Ceramic Science and Engineering	2016	JCR	LGAC-2
	A Hybrid Plasma Treatment of H ₁₃ Tool Steel by Combining Plasma Nitriding and Post-Oxidation	J.C. Díaz-Guillén, M. Alvarez-Vera, J.A. Díaz-Guillén , J.L. Acevedo-Davila, M. Naeem, H.M Hdz-García, E.E. Granda-Gutierrez, and R. Muñoz-Arroyo	Journal of Materials Engineering and Performance	2018	JCR	LGAC-2
	Synthesis at room atmosphere conditions of phosphorescent emitter SrAl ₂ O ₄ :Eu,Dy	G. J. Hernandez-Alvarado, Sagrario M. Montemayor, I. Moggio, E. Arias, E. Trujillo-Vázquez, J.A. Díaz-Guillén , C. A. Ávila-Orta, O. S. Rodríguez-Fernández	Ceramics International (Elsevier)	2018	JCR	LGAC-2
	Cations size mismatch versus bonding characteristics: synthesis, structure and oxygen ion conducting properties of pyrochlore-type lanthanide hafnates	Nayeli M. Cepeda-Sánchez, José A. Díaz-Guillén , Mirosław Maczka, Ulises Amador, Antonio F. Fuentes	J Mater Sci. Mechanochemical Synthesis (Springer)	2018	JCR	LGAC-2
	High performance of the novel Pd-CeO ₂ -NR/C (cerium oxide nanorods) nanocatalyst for the oxidation of C ₁ , C ₂ and C ₃ organic molecules for fuel cells applications	J. E. Solis-Tobías, J. A. Díaz-Guillen , R. Perez-Hernandez, J. C. Castillo-Rodriguez, I. L. Alonso-Lemus, F. J. Rodriguez-Varela	Journal of Hydrogen Energy (Elsevier)	2018	JCR	LGAC-2
	Biomimetic Coating of Mechanochemically Synthesized Zirconium Titanate	David Rentería-Zamarrón, José Alonso Díaz-Guillén, Dora Alicia Cortés-Hernández, Sagrario Martínez_Montemayor, Claudia Magdalena López-Badillo, Antonio Fernández-Fuentes	Materials Research	2019	JCR	LGAC-2
	Oxygen ion conducting pyrochlore oxides prepared by an ultrasound-assisted wet chemistry route: C-doped Gd ₂ Ti ₂ O ₇ nanocrystals	M.R. Valdés-Ibarra, J.A. Díaz Guillén , K.P. Padmasree, S.M. Montemayor, F.J. Rodriguez-Varela, A.F. Fuentes	Journal of Hydrogen Energy (Elsevier)	2019	JCR	LGAC-2
	Synthesis and Charcterization Studies of Ca ²⁺ and Y ³⁺ Co-doped Ceria-NA ₂ CO ₃ Nanocomposite Electrolytes for low temperature SOFCs	A.L. Mendoza Villa, J.A. Díaz-Guillen , A.F. Fuentes, K.P. Padmasree	ESC Transactions	2019	JCR	LGAC-2



	Ionic conductivity of $\text{Ln}_4\text{Zr}_3\text{O}_{12}$ solid electrolytes synthesized by mechanochemistry	M. Salazar-Zertuche, J.A. Díaz-Guillen , J.O. Acosta-García, J.C. Díaz-Guillen, S.M. Montemayor, O. Burciaga-Díaz, M.E. Bazaldúa-Medellín, A.F. Fuentes	Journal of Hydrogen Energy (Elsevier)	2019	JCR	LGAC-2
	Effect of waste glass incorporation on the properties of geopolymers formulated with low purity metakaolin	O. Burciaga-Díaz, M. Durón-Sifuentes, J.A. Díaz-Guillén , J.I. Escalante-García	Cement and Concrete Composites	2020	JCR	LGAC-2
	Synthesis and in Vitro Bioactivity of Strontium Silicate Ceramics	D. Rentería-Zamarrón, J.A. Díaz-Guillén , D.A. Cortés-Hernaández, S.M. Montemayor, C.M. López-Badillo, J.C. Díaz-Guillén, A.F. Fuentes	Revista Romana de Materiales / Romanian Journal Materilas	2020	JCR	LGAC-2
	High ionic conductivity in CeO_2 SOFC solid electrolytes; effect of Dy doping on their electrical properties	D. E. Puentes-Martínez, J.A. Díaz-Guillén , S.M. Montemayor, J.C. Díaz-Guillén, O. Burciaga-Díaz, M.E. Bazaldúa-Medellín, M.R. Díaz-Guillén, A.F. Fuentes	Journal of Hydrogen Energy (Elsevier)	2020	JCR	LGAC-2
Dr. Oswaldo Burciaga Díaz	Influence of the long-term curing temperature on the hydration of alkaline binders of blast furnace slag-metakaolin	Oswaldo Burciaga-Díaz , Lauren T. Gómez-Zamora, José Iván Escalante-García	Construction and Building Materials (Elsevier)	2016	JCR	LGAC-2-3
	Comparative performance of alkali activated slag/metakaolin cement pastes exposed to high temperatures	Oswaldo Burciaga-Díaz , José Iván Escalante-García	Cement and Concrete Composites (Elsevier)	2017	JCR	LGAC-2-3
	An initial study of alkali activated limestone binders	Dulce Esmeralda Ortega-Zavala, José Luis Santana-Carrillo, Oswaldo Burciaga-Díaz , J. Ivan Escalante-García	Cement and Concrete Composites (Elsevier)	2019	JCR	LGAC-2-3
	Parameters affecting the properties and microstructure of quicklime (CaO) activated slag cement pastes	Oswaldo Burciaga-Díaz	Cement and Concrete Composites (Elsevier)	2019	JCR	LGAC-2-3
	Ionic conductivity of $\text{Ln}_4\text{Zr}_3\text{O}_{12}$ solid electrolytes synthesized by mechanochemistry	M. Salazar-Zertuche, J.A. Díaz-Guillen, J.O. Acosta-García, J.C. Díaz-Guillen, S.M. Montemayor, O. Burciaga-Díaz , M.E. Bazaldúa-Medellín, A.F. Fuentes	Journal of Hydrogen Energy (Elsevier)	2019	JCR	LGAC-2-3
	Synthesis of silicon-substituted hydroxyapatite using hydrothermal process	Benjamín Moreno-Perez, Zully Matamoros-Veloza, Juan C. Rendon-Angeles, Kazumichi Yanagisaw, Ayumo Onda, Jaime E. Pérez-Terrazas, Epsilon E. Mejía-Martínez, Oswaldo Burciaga Díaz , Mario Rodríguez-Reyes.	Boletín de la Sociedad Española de Cerámica y Vidrio (Elsevier)	2020	JCR	LGAC-2-3
	High ionic conductivity in CeO_2 SOFC solid electrolytes; effect of Dy doping on their electrical properties	D. E. Puentes-Martínez, J.A. Díaz-Guillén, S.M. Montemayor, J.C. Díaz-Guillén, O. Burciaga-Díaz , M.E. Bazaldúa-Medellín, M.R. Díaz-Guillén, A.F. Fuentes	Journal of Hydrogen Energy (Elsevier)	2020	JCR	LGAC-2-3



Dra. Zully Matamoros Veloza	Rapid hydrothermal synthesis of SrMo1-XWxO4 powder: Structure and luminescence characterization	J.C. Rendon-Angeles, Z. Matamoros-Veloza , L.A. Gonzalez, J. López-Cuevas, T. Ueda, K. Yanagisawa, I. Hernández-Calderón, M. García-Rocha	Advanced Powder Technology	2016	JCR	LGAC-2-3
	Rotary-hydrothermal method assisting the conversion of celestine into scheelite SrWO4 in alkaline solutions	J.C. Rendón-Angeles, Z. Matamoros-Veloza , J. López-Cuevas, R. Perez-Garibay, J. Díaz-Algara, K. Yanagisawa	International Journal of Mineral Processing	2016	JCR	LGAC-2-3
	Rapid synthesis and characterization of Zn substituted hydroxyapatite nanoparticles via a microwave-assisted hydrothermal method	K.L. Montoya-Cisneros, J.C. Rendón-Ángeles, Z. Matamoros-Veloza , K. Yanagisawa	Materials Letters	2017	JCR	LGAC-2-3
	Rapid hydrothermal synthesis of SrMo1-xWxO4 powders: Structure and luminescence characterization	J.C. Rendón-Angeles, Z. Matamoros-Veloza , L.A. Gonzalez, J. López-Cuevas, T. Ueda, K. Yanagisawa, I. Hernández-Calderón, M. García-Rocha	Advanced Powder Technology (Elsevier)	2017	JCR	LGAC-2-3
	Low-temperature densification of Mg-doped hydroxyapatite fine powders under hydrothermal hot processing conditions	K.L. Montoya-Cisneros, J.C. Rendón-Angeles, Z. Matamoros-Veloza , A. Matamoros-Veloza, K. Yanagisawa	Ceramics International (Elsevier)	2017	JCR	LGAC-2-3
	Urea decomposition enhancing the hydrothermal synthesis of lithium iron phosphate powders: Effect of the lithium precursor	L.J. Vasquez-Elizondo, J.C. Rendón-Ángeles, Z. Matamoros-Veloza , J. López-Cuevas, K. Yanagisawa	Advanced Powder Technology (Elsevier)	2017	JCR	LGAC-2-3
	Influencia de la temperatura en la compactación hidrotérmica en caliente de polvos de magnesio hidroxiapatita	Epsilon Erydani Mejía-Martínez, Zully Matamoros-Veloza , Kazumichi Yanagisawa, Juan Carlos Rendón-Ángeles, Benjamín Moreno-Pérez	Boletín de la Sociedad Española de Cerámica y Vidrio (Elsevier)	2018	JCR	LGAC-2-3
	Controllable synthesis of BaCuSiO fine particles via a one-pot hydrothermal reaction with enhanced violet colour hue	D.A. Corona-Martínez, J.C. Rendón-Angeles, L.A. Gonzalez, Z. Matamoros-Veloza , K. Yanagisawa, A. Tamayo, J.R. Alonso	Advanced Powder Technology (Elsevier)	2019	JCR	LGAC-2-3
Synthesis of silicon-substituted hydroxyapatite using hydrothermal process	Benjamín Moreno-Pérez, Zully Matamoros-Veloza , Juan C. Rendon-Angeles, Kazumichi Yanagisawa, Ayumo Onda, Jaime E. Pérez-Terrazas, Epsilon E. Mejía-Martínez, Oswaldo Burciaga Díaz, Mario Rodríguez-Reyes	Boletín de la Sociedad Española de Cerámica y Vidrio (Elsevier)	2020	JCR	LGAC-2-3	
Dr. José Refugio Parga Torres	Recovery of silver from slags generated by melting precipitates from the Merrill-Crowe process	Adriana Gamboa Hernández, J. R. Parga Torres & H. A. Moreno Casillas	Canadian Metallurgical Quarterly	2018	JCR	LGAC-3
	An Improved Process for Precipitating Cyanide Ions from the Barren Solution at Different pHs	Gabriela V. Figueroa, José R. Parga, Jesús I. Valenzuela, Víctor Vázquez, Alejandro Valenzuela, and Mario Rodríguez	The Minerals, Metals & Materials Society	2016	JCR	LGAC-3
	Development of Ceramic Foams Using Cast Iron Slag as a Raw Material	J. F. Lara-Sánchez, H.F. Lope, M. Rodríguez-Reyes, J. A. Díaz-Guillen, J. R. Parga-Torres	Advances in Ceramic Science and Engineering	2016	JCR	LGAC-3
	Leaching Chalcopyrite Concentrate with Oxygen and Sulfuric Acid Using a Low-Pressure Reactor	Josué Cháidez 1, José Parga , Jesús Valenzuela, Raúl Carrillo and Isaías Almaguer	Metals (MDPI)	2019	JCR	LGAC-3





	Kinetics and Energy Consumption for a Three-Stage Electrocoagulation Process for the Recovery of Au and Ag from Cyanide Leachates	Cristina García-Carrillo, José Parga-Torres , Héctor Moreno-Casillas, and Francisco S. Sellschopp-Sanchez	Metals (MDPI)	2019	JCR	LGAC-3
	Comparative Study of Gold Extraction from Refractory Pyritic Ores through Conventional Leaching and Simultaneous Pressure Leaching/Oxidation	María M. Salazar-Campoy & Jesús L. Valenzuela-García & Luis S. Quiróz-Castillo & Martín A. Encinas-Romero & Guillermo Tiburcio-Munive & Patricia Guerrero-Germán & José R. Parga-Torres	Mining, Metallurgy & Exploration	2020	JCR	LGAC-3
Dr. Mario Rodríguez Reyes	An Improved Process for Precipitating Cyanide Ions from the Barren Solution at Different pHs	Gabriela V. Figueroa, José R. Parga, Jesús I. Valenzuela, Victor Vázquez, Alejandro Valenzuela, and Mario Rodríguez	The Minerals, Metals & Materials Society	2016	JCR	LGAC-2-3
	Development of Ceramic Foams Using Cast Iron Slag as a Raw Material	J. F. Lara-Sánchez, H.F. Lope, M. Rodríguez-Reyes , J. A. Díaz-Guillen, J. R. Parga-Torres	Advances in Ceramic Science and Engineering	2016	JCR	LGAC-2-3
	Synthesis of TEG-coated cobalt-gallium ferrites: Characterization and evaluation of their magnetic properties for biomedical devices	J. Sanchez, Dora A. Corté-Hernández, Mario Rodríguez-Reyes	Journal of Alloys and Compounds	2019	JCR	LGAC-2-3
	Synthesis of silicon-substituted hydroxyapatite using hydrothermal process	Benjamín Moreno-Perez, Zully Matamoras-Veloz, Juan C. Rendon-Angeles, Kazumichi Yanagisawa, Ayumo Onda, Jaime E. Pérez-Terrazas, Epsilon E. Mejía-Martínez a, Oswaldo Burciaga Díaz a, Mario Rodríguez-Reyes	Boletin de la Sociedad Española de Cerámica y Vidrio (Elsevier)	2020	JCR	LGAC-2-3
Dra. Rocío Maricela Ochoa Palacios	Kinetic study on the metallothermic reduction of chromite ore using magnesium scrap	R. Ochoa , A. Flores, J. Torres, J. Guía & R. Muñiz	Canadian Metallurgical Quarterly (Taylor & Francis)	2016	JCR	LGAC-3
	Effect of magnesium on the aluminothermic reduction rate of zinc oxide obtained from spent alkaline battery anodes for the preparation of Al-Zn-Mg alloys	R. Ochoa , A. Flores, J. Torres	International Journal of Minerals, Metallurgy and Materials	2016	JCR	LGAC-3
	Formation of abrasion-resistant coatings of the AlSiFeMn intermetallic compound type on the AISI 304L	Laura G. Martínez-Perales, Alfredo Flores-Valdés, Armando Salinas-Rodríguez, Rocío M. Ochoa-Palacios , José A. Toscano-Giles, Jesús Torres-Torres	Revista de Metalurgia	2016	JCR	LGAC-3
	Preparation of Al-Sr master alloys by the aluminothermic reduction of SrO using aluminum scrap at pilot plant scale	Rodrigo Juárez, Alfredo Flores, Rocío Ochoa , Laura Martínez, Jesús Torres, Arturo Reyes	Metallurgical Research Technology (EDP Science)	2017	JCR	LGAC-3
	A Kinetic Study on the Preparation of AlNi Alloys by Aluminothermic Reduction of NiO Powders	Cesar Silva Beltrán, Alfredo Flores Valdés, Jesús Torres Torres, Rocío Ochoa Palacios	Metals (MDPI)	2018	JCR	LGAC-3
	A kinetic study on the aluminothermic reduction of ZrO ₂	A. Flores, R. Juárez, J. Torres, Z. Ayala, Rocío Ochoa	Materials Today: Proceedings (Elsevier)	20219	JCR	LGAC-3
	Effect of MgAl ₂ O ₄ on the growth of β-Si ₃ Al ₅ O ₃ N ₅ prepared by carbothermal reduction by nitriding	Alfredo Flores Valdés, José Almanza Robles, Jesús Torres torres, rocío Ochoa Palacios , José Escobedo Bocado, Dora Cortés Hernández, Héctor Hernández García	Ceramics Silikaty	2020	JCR	LGAC-3





Dra. Perla Janet Reséndiz Hernández	Development of LiCl-containing calcium aluminate cement for bone repair and remodeling applications.	I.O. Acuña-Gutiérrez, J.C. Escobedo-Bocardo, J.M. Almanza-Robles, D.A. Cortés-Hernández, M.M.G. Saldívar-Ramírez, P.J. Reséndiz-Hernández, A. Zugasti-Cruz.	Materials Science and Engineering C	2017	JCR	LGAC2-3
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Profesores de Apoyo al Núcleo Académico

Líneas de Generación y Aplicación del Conocimiento						
LGAC1: MODELACIÓN Y SIMULACIÓN DE MATERIALES Y PROCESOS						
LGAC2: MATERIALES AVANZADOS						
LGAC3: PROCESAMIENTO TÉRMICO, QUÍMICO Y MECÁNICO DE METALES Y ALEACIONES						
Profesor investigador	Producto	Autores	Revista	año	Tipo	LGAC
Dra. Nelly Abigail Rodríguez Rosales	Corrosion resistance of Ti-6Al-4V and ASTM F75 alloys processed by electron beam melting	Almanza, E., Pérez, M. J., <u>Rodríguez, N. A.</u> , & Murr, L. E.	Journal of Materials Research and Technology	2017	JCR	LGAC-3
	Effect of Heat Treatment on the Corrosion Resistance in a Co-28Cr-6Mo Alloy Casting for Surgical Implants	Almanza-Casas, E., Pérez-López, M. J., & <u>Rodríguez-Rosales, N. A.</u>	International Journal of Metal casting	2018	JCR	LGAC-3
	In vitro evaluation with 5SBF of alloy ASTM F75 thermally treated with wollastonite	Muniz, R., Ortiz, J., Luna, J., Martínez, J., <u>Rodríguez, N.</u> , Hernández, M., ... & Equihua, F.	Journal of Wuhan University of Technology-Mater.	2016	JCR	LGAC-3
Dr. Gerardo Altamirano Guerrero	Experimental Determination of Continuous Cooling Transformation (CCT) Diagrams for Dual-Phase Steels from the Intercritical Temperature Range	Krishna Bräutigam-Matus 1, <u>Gerardo Altamirano 2</u> , Armando Salinas, Alfredo Flores y Frank Goodwin	Metals MDPI	2018	JCR	LGAC-3
	Optimization of the Continuous Galvanizing Heat Treatment Process in Ultra-High Strength Dual Phase Steels Using a Multivariate Model	Patricia Costa, <u>Gerardo Altamirano</u> , Armando Salinas, David S. González-González y Frank Goodwin	Metals MDPI	2019	JCR	LGAC-3
	Influence of the as-cast and cold rolled microstructural conditions over corrosion resistance in an advanced TWIP steel microalloyed with boron	Antonio Enrique Salas Reyes, <u>Gerardo Altamirano Guerrero</u> , José Fernando Flores Álvarez, José Federico Chávez Alcalá, Armando Salinas, Ignacio Alejandro Figueroa, Gabriel Lara Rodríguez	Journal of Materials Research and Technology	2020	JCR	LGAC-3
	Study of Static Recrystallization Kinetics and the Evolution of Austenite Grain Size by Dynamic Recrystallization Refinement of an Eutectoid Steel	Cesar Facusseh, Armando Salinas, Alfredo Flores y <u>Gerardo Altamirano</u>	Metals MDPI	2019	JCR	LGAC-3
	Microstructural, microscratch and nanohardness mechanical characterization of secondary commercial HPDC AISi9Cu3-type alloy	Antonio Enrique Salas Reyes, <u>Gerardo Altamirano Guerrero</u> , Gabriel Rodríguez Ortiz, José Reyes Gasga, Jaime Francisco García Robledo, Octavio Lozada Flores, Patricia Sheilla Costa	Journal of Materials Research and Technology	2020	JCR	LGAC-3





EDUCACIÓN

SECRETARÍA DE EDUCACIÓN PÚBLICA



TECNOLÓGICO NACIONAL DE MÉXICO

Instituto Tecnológico de Saltillo

"2020, Año de Leona Vicario, Benemérita Madre de la Patria"

	Effect of Retained Austenite and Non-Metallic Inclusions on the Mechanical Properties of Resistance Spot Welding Nuggets of Low-Alloy TRIP Steels	Víctor H. Vargas Cortés, <u>Gerardo Altamirano Guerrero</u> , Ignacio Mejía Granados, Víctor H. Baltazar Hernández y Cuauhtémoc Maldonado Zepeda	Metals MDPI	2019	JCR	LGAC-3
Dra. Epsilon Erydani Mejia Martínez	Chemical interaction between Ba-celsian ($BaAl_2Si_2O_8$) and molten aluminum	M.N. Ibarra, J.M. Almanza R, D. A. Cortés H, J.C. Escobedo B, <u>R. Martínez-López</u> .	Ceramics International (Elsevier)	2018	JCR	LGAC-2-3
	Alkali activated composite binders of waste silica soda lime glass and blast furnace slag: Strength as a function of the composition	Ricardo Martínez-Lopez, J. Ivan Escalante-García	Construction and Building Materials (Elsevier)	2020	JCR	LGAC-2-3



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