

# NEWSLETTER

VICERRECTORÍA DE INVESTIGACIÓN Y DOCTORADO

PUBLICACIONES  
NOVIEMBRE 2021



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The role of the cell in the pathogenesis of diabetes: A world beyond the mirror	International Journal of Molecular Sciences	Artículo de revisión	2021	22	17			10.3390/ijms22179504	ANGARITA DAVILA, LISSIE CHIQUINQUIRA
Occupational risks in hospitals, quality of life, and quality of work life: A systematic review	International Journal of Environmental Research and Public Health	Artículo de revisión	2021	18	21			10.3390/ijerph182111434	ARAYA CASTILLO, LUIS
Remoción de hidróxido de calcio del canal radicular con irrigación manual, sónica y ultrasónica	Revista Cubana de Investigaciones Biomedicas	Artículo	2020	39	3	1	16		ARAYA CUMSILLE, PILAR
Prediction methods of maxillary canine impaction: a systematic review	Acta Odontologica Scandinavica	Artículo de revisión	2021					10.1080/00016357.2021.1936163	ARAYA DIAZ, PAMELA AYLEEN
Unravelling the molecular regulation mechanisms of slow ripening trait in prunus persica	Plants	Artículo	2021	10	11			10.3390/plants10112380	BLANCO HERRERA, MARIA FRANCISCA
Characterization of an agarophyton chilense oleoresin containing gpc natural ligands with insulin-sensitizing effects in a c57bl/6j mouse model of diet-induced obesity and antioxidant activity in caenorhabditis elegans	Nutrients	Artículo	2021	13	6			10.3390/nu13061828	BRONFMAN CACERES, FRANCISCA VERONICA
Probing protoplanetary disk evolution in the Chamaeleon II region	Astronomy and Astrophysics	Artículo	2021	653				10.1051/0004-6361/202140496	CACERES, CLAUDIO
Recepción Clásica En El Primer Proyecto Educativo Para La República De Chile: Reflexiones De Juan Egaña En 1811	Intus-Legere Historia	Artículo	2020	14	1	270	292		CASALI FUENTES, ALDO FABRICIO
¿No te vacunes! La ciudadanía biológica como dispositivo de control y forma de resistencia frente a las políticas en salud	Estudios Atacameños	Artículo	2019		62	311	323	10.22199/isa.0718-1043-2019-0014	CEA NETTIG, XIMENA DENISSE
Innovar en la universidad: ¿una alternativa real o más de lo mismo?	Psicología Escolar e Educativa	Artículo	2021	25		1	7	10.1590/2175-35392021221875	CHAVEZ ROJAS, JORGE EDUARDO
Bibliometric analysis of studies on coffee/caffeine and sport	Nutrients	Artículo	2021	13	9			10.3390/nu13093234	CONTRERAS BARRAZA, NICOLAS
Effect of pyrolysis temperature on copper aqueous removal capability of biochar derived from the kelp macrocystis pyrifera	Applied Sciences (Switzerland)	Artículo	2021	11	19			10.3390/app11199223	CONTRERAS PORCIA, LORETO MATILDE
Transfer of pollutants from macrocystis pyrifera to tetrapygus niger in a highly impacted coastal zone of chile	Toxics	Artículo	2021	9	10			10.3390/toxics9100244	CONTRERAS PORCIA, LORETO MATILDE
Towards full integration of physics and math concepts: Words versus meanings	ASEE Annual Conference and Exposition, Conference Proceedings	Artículo de la conferencia	2019						DOMINGUEZ, ANGELES
High School Students' Perceptions about Biology, Related Influence of Factors and Players	2019 9th IEEE Integrated STEM Education Conference, ISEC 2019	Contribución a la conferencia	2019			392	397	10.1109/ISECon.2019.8882025	DOMINGUEZ, ANGELES
The experience of women students in engineering and mathematics careers: A focus group study	Proceedings of the 2021 IEEE Global Engineering Education Conference, EDUCON 2021	Contribución a la conferencia	2021			50	56	10.1109/EDUCON46332.2021.9454079	DOMINGUEZ, ANGELES
Active learning experiences in engineering education	International Journal of Engineering Education	Artículo de revisión	2019	35	1	305	309		DOMINGUEZ, ANGELES
Acciones, políticas y estrategias para el balance de género en el ámbito STEM: Resultados de una dinámica World Café	Education in the Knowledge Society	Artículo	2019	20				10.14201/eks2019_20_a31	DOMINGUEZ, ANGELES
Evaluación de percepciones sobre la interdisciplinariedad: Validación de instrumento para estudiantes de educación superior	Formacion Universitaria	Artículo	2019	12	3	27	38	10.4067/50718-50062019000300027	DOMINGUEZ, ANGELES
Role of Copper on Mitochondrial Function and Metabolism	Frontiers in Molecular Biosciences	Artículo de revisión	2021	8				10.3389/fmobi.2021.711227	ELORZA GODOY, ALVARO ANDRÉS
A Mixed-Integer Linear Programming Model for the Cutting Stock Problem in the Steel Industry	Applied Computer Sciences in Engineering - 8th Workshop on Engineering Applications, WEA 2021, Proceedings	Contribución a la conferencia	2021			315	326	10.1007/978-3-030-86702-7_27	GATICA, GUSTAVO
Design and implementation of dual active bridge converter with single phase shift modulation for electric vehicle charging system	2021 IEEE International Conference on Automation/24th Congress of the Chilean Association of Automatic Control, ICA-ACCA 2021	Contribución a la conferencia	2021					10.1109/ICAACAS51523.2021.9466338	GATICA, GUSTAVO
Modelling and control of a multi-cell converter based on Input-Parallel Output-Parallel bridge-cells with discontinuous interleaved modulation	2021 IEEE International Conference on Automation/24th Congress of the Chilean Association of Automatic Control, ICA-ACCA 2021	Contribución a la conferencia	2021					10.1109/ICAACAS51523.2021.9466201	GATICA, GUSTAVO
Decrease in behaviors associated with pain during catheter placement using a topical anesthetic formulation in cats.	Journal of Veterinary Behavior: Clinical Applications and Research	Artículo	2021	46	15	17		10.1016/j.jveb.2021.07.011	GOICH VIVAR, MARIELA LORENA
Physical characterization of recently discovered globular clusters in the Sagittarius dwarf spheroidal galaxy. I. Metallicities, ages, and luminosities	Astronomy and Astrophysics	Artículo	2021	654				10.1051/0004-6361/202141067	GOMEZ CAMUS, MATIAS
An intriguing globular cluster in the Galactic bulge from the VV survey	Astronomy and Astrophysics	Artículo de revisión	2021	652				10.1051/0004-6361/202140347	GOMEZ CAMUS, MATIAS
Recepción Clásica En El Primer Proyecto Educativo Para La República De Chile: Reflexiones De Juan Egaña En 1811	Intus-Legere Historia	Artículo	2020	14	1	270	292		HUIDOBRO SALAZAR, MARÍA GABRIELA
Decrease in behaviors associated with pain during catheter placement using a topical anesthetic formulation in cats.	Journal of Veterinary Behavior: Clinical Applications and Research	Artículo	2021	46	15	17		10.1016/j.jveb.2021.07.011	ITURRIAGA ABARZUA, MARIA PAZ
The Effects of Two Different Concurrent Training Configurations on Markers of Metabolic Syndrome and Fitness in Women With Severe/ Morbid Obesity: A Randomised Controlled Trial	Frontiers in Physiology	Artículo	2021	12				10.3389/fphys.2021.694798	JEREZ MAYORGA, DANIEL
Thermal production of sexaquarks in heavy-ion collisions	International Journal of Modern Physics A	Artículo	2021	36	25			10.1142/S0217751X21410050	KULESHOV, S.V.
Search for dark matter produced in association with a single top quark in $\sqrt{s}=13$ TeV pp collisions with the ATLAS detector	European Physical Journal C	Artículo	2021	81	10			10.1140/epjc/s11052-021-09566-y	KULESHOV, S.V.
Search for dark matter in events with missing transverse momentum and a Higgs boson decaying into two photons in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector	Journal of High Energy Physics	Artículo	2021	2021	10			10.1007/JHEP10(2021)013	KULESHOV, S.V.
Search for New Phenomena in Final States with Two Leptons and One or No b-Tagged Jets at $\sqrt{s}=13$ TeV Using the ATLAS Detector	Physical Review Letters	Artículo	2021	127	14			10.1103/PhysRevLett.127.141801	KULESHOV, S.V.
Unravelling the molecular regulation mechanisms of slow ripening trait in prunus persica	Plants	Artículo	2021	10	11			10.3390/plants10112380	MENESES ARAYA, CLAUDIO ANTONIO
Physical characterization of recently discovered globular clusters in the Sagittarius dwarf spheroidal galaxy. I. Metallicities, ages, and luminosities	Astronomy and Astrophysics	Artículo	2021	654				10.1051/0004-6361/202141067	MINNITI DEL BARCO, DANTE
An intriguing globular cluster in the Galactic bulge from the VV survey	Astronomy and Astrophysics	Artículo de revisión	2021	652				10.1051/0004-6361/202140347	MINNITI DEL BARCO, DANTE
RNA-seq-based analysis of cortisol-induced differential gene expression associated with piscirickettsia salmonis infection in rainbow trout (Oncorhynchus mykiss) myotubes	Animals	Artículo	2021	11	8			10.3390/ani11082399	MOLINA SIRIGUADO, ALFREDO IVAN
Recovering apple agro-industrial waste for bioethanol and vinasse joint production: Screening the potential of chile	Fermentation	Artículo	2021	7	4			10.3390/fermentation7040203	MUÑOZ ALVEAR, EDMUNDO ANTONIO
ConvLSTM Neural Networks for seismic event prediction in Chile	Proceedings of the 2021 IEEE 28th International Conference on Electronics, Electrical Engineering and Computing, INTERCON 2021	Contribución a la conferencia	2021					10.1109/INTERCON52678.2021.9532946	NICOLIS, ORIETTA
Recepción Clásica En El Primer Proyecto Educativo Para La República De Chile: Reflexiones De Juan Egaña En 1811	Intus-Legere Historia	Artículo	2020	14	1	270	292		NIETO ORRIOLS, DANIEL IGNACIO
Renormalized holographic entanglement entropy for quadratic curvature gravity	Physical Review D	Artículo	2021	104	8			10.1103/PhysRevD.104.086003	OLEA, RODRIGO
Oxygen reduction reaction on a 68-atom-gold cluster supported on carbon nanotubes: Theoretical and experimental analysis	Materials Chemistry Frontiers	Artículo	2021	5	20	7529	7539	10.1039/d1qm00918d	ORELLANA, WALTER
A theoretical chemistry-based strategy for the rational design of new luminescent lanthanide complexes: an approach from a multireference SOC-NEVPT2 method	Dalton Transactions	Artículo	2021	50	38	13561	13571	10.1039/d1dt02037d	PAEZ HERNANDEZ, DAYAN
Prediction methods of maxillary canine impaction: a systematic review	Acta Odontologica Scandinavica	Artículo de revisión	2021					10.1080/00016357.2021.1936163	PALOMINO MONTENEGRO, HERNAN
Prevalencia e configuración de canales em forma de c em molares inferiores em subpopulação chilena	Brazilian Dental Science	Artículo	2021	24	4			10.14295/bds.2021.v24i4.2701	PEÑA-BENGOA, FERNANDO
ConvLSTM Neural Networks for seismic event prediction in Chile	Proceedings of the 2021 IEEE 28th International Conference on Electronics, Electrical Engineering and Computing, INTERCON 2021	Contribución a la conferencia	2021					10.1109/INTERCON52678.2021.9532946	PERALTA MARQUEZ, BILLY MARK
Pandemic learning ontology: Methodological aspects to assess skills in a public health emergency	14th IADIS International Conference Information Systems 2021, IS 2021	Contribución a la conferencia	2021			227	234		PERALTA MARQUEZ, BILLY MARK
Understanding the Role of Oxygen and Hydrogen Defects in Modulating the Optoelectronic Properties of P-Type Metal Oxide Semiconductors	Chemistry of Materials	Artículo	2021	33	19	7829	7838	10.1021/acs.chemmater.1c02444	REYES-LILLO, SEBASTIAN E.
Predictive Control for Multilevel Inverters with Reduced Number of Commutations	Proceedings of the Energy Conversion Congress and Exposition - Asia, ECCE Asia 2021	Contribución a la conferencia	2021			914	919	10.1109/ECCE-Asia49820.2021.9479291	RODRIGUEZ PEREZ, JOSE RAMON
Continuous Control Set Predictive Speed Control of SPMSM Drives With Short Prediction Horizon	IEEE Transactions on Power Electronics	Artículo	2021					10.1109/TPEL.2021.3118270	RODRIGUEZ PEREZ, JOSE RAMON
Voltage Regulation Enhancement of DC-MG Based on Power Accumulator Battery Test System: MPC-Controlled Virtual Inertia Approach	IEEE Transactions on Smart Grid	Artículo	2021					10.1109/SG.2021.3113306	RODRIGUEZ PEREZ, JOSE RAMON
Sequential Model Predictive Fault-Tolerance Control for T-Type Three-Level Grid-Connected Converters with LCL Filter	IEEE Transactions on Industrial Electronics	Artículo	2021					10.1109/TIE.2021.3114711	RODRIGUEZ PEREZ, JOSE RAMON
Integral Sliding Mode Observer-Based Ultra-Local Model for Finite-Set Model Predictive Current Control of Induction Motor	IEEE Journal of Emerging and Selected Topics in Power Electronics	Artículo	2021					10.1109/JESTPE.2021.3110797	RODRIGUEZ PEREZ, JOSE RAMON
Model predictive control of a four-level T-NNPC inverter without weighting factors	2021 IEEE Applied Power Electronics Conference and Exposition, APEC 2021	Contribución a la conferencia	2021			2133	2138	10.1109/APEC42165.2021.9487042	RODRIGUEZ PEREZ, JOSE RAMON
A fast converging hybrid mppt algorithm based on abc and pko techniques for a partially shaded pv system	Mathematics	Artículo	2021	9	18			10.3390/math9182228	RODRIGUEZ PEREZ, JOSE RAMON
A look-up table-based model predictive torque control of switched reluctance motor drives with improved prediction	2021 IEEE Transportation Electrification Conference and Expo, ITEC 2021	Contribución a la conferencia	2021			315	320	10.1109/ITECS1675.2021.9490078	RODRIGUEZ PEREZ, JOSE RAMON
An Improved Adaptive Selected Harmonic Elimination Algorithm for Current Measurement Error Correction of PMSMs	IEEE Transactions on Power Electronics	Artículo	2021	36	11	13128	13138	10.1109/TPEL.2021.3076993	RODRIGUEZ PEREZ, JOSE RAMON
Specialized pro-resolving lipid mediators: The future of chronic pain therapy?	International Journal of Molecular Sciences	Artículo de revisión	2021	22	19			10.3390/ijms221910370	ROJAS GÓMEZ, DIANA MARCELA
New manufacturing challenges facing sustainability	Manufacturing Letters	Artículo	2021	30		19	22	10.1016/j.mfglet.2021.09.003	SABATTIN ORTEGA, JORGE HUMBERTO
Antimicrobial resistance in wildlife and in the built environment in a wildlife rehabilitation center	One Health	Artículo	2021	13				10.1016/j.oneht.2021.100298	SALLABERRY-PINCHEIRA, NICOLE
Specialist versus generalist parasites: the interactions between host diversity, environment and geographic barriers in avian malaria	International Journal for Parasitology	Artículo	2021	51	11	899	911	10.1016/j.ijpara.2021.04.003	SALLABERRY-PINCHEIRA, NICOLE
4-MW Class High-Power-Density Generator for Future Hybrid-Electric Aircraft	IEEE Transactions on Transportation Electrification	Artículo	2021	7	4	2952	2964	10.1109/TTE.2021.3068928	TARISCIOTTI, LUCA
Decrease in behaviors associated with pain during catheter placement using a topical anesthetic formulation in cats.	Journal of Veterinary Behavior: Clinical Applications and Research	Artículo	2021	46	15	17		10.1016/j.jveb.2021.07.011	UBILLA CARVAJAL, MARIA JOSE
Dispositional Gratitude as an Underlying Psychological Process Between Materialism and the Satisfaction and Frustration of Basic Psychological Needs: A Longitudinal Medialional Analysis	Journal of Happiness Studies	Artículo	2021					10.1007/s10902-021-00414-0	UNANUE MANRIQUEZ, JESUS
The Reciprocal Relationship Between Gratitude and Life Satisfaction: Evidence From Two Longitudinal Field Studies	Frontiers in Psychology	Artículo	2019	10				10.3389/fpsyg.2019.02480	UNANUE MANRIQUEZ, JESUS
Inclusive leadership: Good managerial practices to address cultural diversity in schools	Social Inclusion	Artículo	2021	9	4	69	80	10.17645/si.v9i4.4611	VALDES MORALES, RENE ALONZO
De novo assembly and analysis of tissue-specific transcriptomes of the edible red sea urchin loechinus albus using ma-seq	Biology	Artículo	2021	10	10			10.3390/biology10100995	VALDES MUÑOZ, JUAN ANTONIO
Phenomenographic analysis and comparison of students' conceptual understanding of electric and magnetic fields and the principle of superposition	Physical Review Physics Education Research	Artículo	2021	17	2			10.1103/PhysRevPhysEducRes.17.020117	ZAVALA ENRIQUEZ, GENARO
The effect of similar surface features on students' understanding of the interaction of charges with electric and magnetic fields	Physics Education Research Conference, PERC 2019	Contribución a la conferencia	2019			220	225	10.1119/perc.2019.pr.Hernandez	ZAVALA ENRIQUEZ, GENARO
Synchronous distance learning: Students and faculty experience from a gender perspective	Proceedings of the 2021 IEEE Global Engineering Education Conference, EDUCON 2021	Contribución a la conferencia	2021			562	566	10.1109/EDUCON46332.2021.9454037	ZAVALA ENRIQUEZ, GENARO
Mediation of Problematic Use in the Relationship Between Types of Internet Use and Subjective Well-Being in Schoolchildren.	Frontiers in Psychology	Article	2021	12	641178	1	14	https://doi.org/10.3389/fpsyg.2021.641178	RUBIO, ANDRÉS