

## Publicaciones septiembre 2020 Web of Science (WoS), según Journal Citation Reports:

N°	PUBLICACIÓN	FACULTAD	DEPARTAMENTO
1	Alvarez, P; Valenzuela, M; Zanelli, J <b>Role of gravity in particle physics: A unified approach</b> International Journal of Modern Physics D (2020) 2041012 (12 pages) <a href="https://doi.org/10.1142/S0218271820410126">https://doi.org/10.1142/S0218271820410126</a>	Cs. Básicas	Depto. Física
2	Alvarez, P; Valenzuela, M; Zanelli, J <b>Chiral gauge theory and gravity from unconventional supersymmetry</b> Journal of High Energy Physics volume 2020, Article number: 205 (2020) <a href="https://doi.org/10.1007/JHEP07(2020)205">https://doi.org/10.1007/JHEP07(2020)205</a>	Cs. Básicas	Depto. Física
3	Alvarez, P; Cacciatori, S; Canfora, F; Cerchiai, B <b>Analytic SU(N) Skyrmions at finite baryon density</b> PHYSICAL REVIEW D 101, 125011 (2020) <a href="https://doi.org/10.1103/PhysRevD.101.125011">https://doi.org/10.1103/PhysRevD.101.125011</a>	Cs. Básicas	Depto. Física
4	M, Estrada; R, Prado <b>A note of the first law of thermodynamics by gravitational decoupling</b> The European Physical Journal C (2020) 80:799 <a href="https://doi.org/10.1140/epjc/s10052-020-8315-x">https://doi.org/10.1140/epjc/s10052-020-8315-x</a>	Cs. Básicas	Depto. Física
5	Bellorin, J; Droguett, B. <b>Quantization of the nonprojectable 2+1D Horava theory: The second-class constraints</b> Physical Review D 101, 084061 (2020) <a href="https://doi.org/10.1103/PhysRevD.101.084061">https://doi.org/10.1103/PhysRevD.101.084061</a>	Cs. Básicas	Depto. Física
6	A, Ricon; E, Contreras; F, Tello-Ortiz; P, Bargueño; G, Abellan <b>Anisotropic 2+1 dimensional black holes by gravitational decoupling</b> The European Physical Journal C (2020) 80:490 <a href="https://doi.org/10.1140/epjc/s10052-020-8071-y">https://doi.org/10.1140/epjc/s10052-020-8071-y</a>	Cs. Básicas	Depto. Física
7	F, Tello-Ortiz; M, Malaver; A, Rincon; Y, Gomez-Leyton <b>Relativistic anisotropic fluid spheres satisfying a non-linear equation of state</b> The European Physical Journal C (2020) 80:371 <a href="https://doi.org/10.1140/epjc/s10052-020-7956-0">https://doi.org/10.1140/epjc/s10052-020-7956-0</a>	Cs. Básicas	Depto. Física
8	F, Tello-Ortiz <b>Minimally deformed anisotropic dark stars in the framework of gravitational decoupling</b> The European Physical Journal C (2020) 80:413 <a href="https://doi.org/10.1140/epjc/s10052-020-7995-6">https://doi.org/10.1140/epjc/s10052-020-7995-6</a>	Cs. Básicas	Depto. Física
9	F, Tello-Ortiz; S. K, Maurya; Y, Gomez-Leyton <b>Class I approach as MGD generator</b> The European Physical Journal C (2020) 80:324 <a href="https://doi.org/10.1140/epjc/s10052-020-7882-1">https://doi.org/10.1140/epjc/s10052-020-7882-1</a>	Cs. Básicas	Depto. Física
10	C. Arias, F. Tello-Ortiz, E. Contreras <b>Extra packing of mass of anisotropic interiors induced by MGD</b> The European Physical Journal C (2020) 80:463 <a href="https://doi.org/10.1140/epjc/s10052-020-8042-3">https://doi.org/10.1140/epjc/s10052-020-8042-3</a>	Cs. Básicas	Depto. Física
11	S. K, Maurya; F, Tello-Ortiz <b>Decoupling gravitational sources by MGD approach in Rastall gravity</b> Physics of the Dark Universe 29 (2020) 100577 <a href="https://doi.org/10.1016/j.dark.2020.100577">https://doi.org/10.1016/j.dark.2020.100577</a>	Cs. Básicas	Depto. Física
12	F, Tello-Ortiz; E, Contreras <b>Traversable wormholes in light of class I approach</b> Annals Of Physics 419 (2020) 168217 <a href="https://doi.org/10.1016/j.aop.2020.168217">https://doi.org/10.1016/j.aop.2020.168217</a>	Cs. Básicas	Depto. Física
13	S. K, Maurya; A, Errehymy, Ksh; N, Singh; F, Tello-Ortiz; M, Daoud <b>Gravitational decoupling minimal geometric deformation model in modified <math>f(R, T)</math> gravity theory</b> Physics of the Dark Universe 20 (2020) 100640 <a href="https://doi.org/10.1016/j.dark.2020.100640">https://doi.org/10.1016/j.dark.2020.100640</a>	Cs. Básicas	Depto. Física
14	E, Contreas; F, Tello-Ortiz; S. K, Maurya <b>Regular decoupling sector and exterior solutions in the context of MGD</b> Classical and Quantum Gravity 37 (2020) 155002 (12pp) <a href="https://doi.org/10.1088/1361-6382/ab9c6d">https://doi.org/10.1088/1361-6382/ab9c6d</a>	Cs. Básicas	Depto. Física
15	F, Tello-Ortiz; A, Rincón; P, Bhar Y. Gómez-Leyton <b>Durgapal IV model considering the minimal geometric deformation approach</b> Chinese Physics C Vol. 44, No. 10 (2020) 105102 <a href="https://doi.org/10.1088/1674-1137/aba5f7">https://doi.org/10.1088/1674-1137/aba5f7</a>	Cs. Básicas	Depto. Física
16	P, Bhar; F, Tello-Ortiz; A, Rincón Y Gomez-Leyton <b>Study on anisotropic stars in the framework of Rastall gravity</b> Astrophysics and Space Science (2020) 365:145 <a href="https://doi.org/10.1007/s10509-020-03859-6">https://doi.org/10.1007/s10509-020-03859-6</a>	Cs. Básicas	Depto. Física
17	S. K, Maurya; F, Tello-Ortiz <b>Anisotropic fluid spheres in the framework of <math>f(R, T)</math> gravity theory</b> annals Of Physics 414 (2020) 168070 <a href="https://doi.org/10.1016/j.aop.2020.168070">https://doi.org/10.1016/j.aop.2020.168070</a>	Cs. Básicas	Depto. Física
18	S. K, Maurya; A, Banerjee and Francisco Tello-Ortiz <b>Buchdahl model in <math>f(R, T)</math> gravity: A comparative study with standard Einstein's gravity</b> Physics of the Dark Universe 27 (2020) 100438 <a href="https://doi.org/10.1016/j.dark.2019.100438">https://doi.org/10.1016/j.dark.2019.100438</a>	Cs. Básicas	Depto. Física
19	S. K, Maurya and Francisco Tello-Ortiz <b>Charged anisotropic compact star in <math>f(R, T)</math> gravity: A minimal geometric deformation gravitational decoupling approach</b>	Cs. Básicas	Depto. Física

	Physics of the Dark Universe 27 (2020) 100442 <a href="https://doi.org/10.1016/j.dark.2019.100442">https://doi.org/10.1016/j.dark.2019.100442</a>		
20	A, Restuccia; F, Tello-Ortiz <b>A new class of f(R)-gravity model with wormhole solutions and cosmological properties</b> European Physical Journal C (2020) 80:580 <a href="https://doi.org/10.1140/epjc/s10052-020-8159-4">https://doi.org/10.1140/epjc/s10052-020-8159-4</a>	Cs. Básicas	Depto. Física
21	A, Restuccia; F, Tello-Ortiz <b>Pure electromagnetic-gravitational interaction in Hořava–Lifshitz theory at the kinetic conformal point</b> European Physical Journal C (2020) 80:86 <a href="https://doi.org/10.1140/epjc/s10052-020-7674-7">https://doi.org/10.1140/epjc/s10052-020-7674-7</a>	Cs. Básicas	Depto. Física
22	Martin, P.; Maass, F.; Diaz-Almeida, D. <b>Accurate analytic approximations to eigenvalues anharmonic potentials <math>x^2 + \lambda x^8</math></b> Results in Physics 16 (2020) 102986 <a href="https://doi.org/10.1016/j.rinp.2020.102986">https://doi.org/10.1016/j.rinp.2020.102986</a>	Cs. Básicas	Depto. Física
23	Czartowski, J.; Goyeneche, D.; Grassl, M.; Zyczkowski, K. <b>Isoentangled Mutually Unbiased Bases, Symmetric Quantum Measurements, and Mixed-State Designs</b> Physical Review Letters 124, 090503 (2020) <a href="https://doi.org/10.1103/PhysRevLett.124.090503">https://doi.org/10.1103/PhysRevLett.124.090503</a>	Cs. Básicas	Depto. Física
24	Puerta, J.; Martin, P.; Maass, F.; Blanco, F. <b>Quantum effects in bi-dust plasmas</b> Physica Scripta. 95 (2020) 015604 (6pp) <a href="https://doi.org/10.1088/1402-4896/ab3957">https://doi.org/10.1088/1402-4896/ab3957</a>	Cs. Básicas	Depto. Física
25	Alvarez, M.A.; Rosales-Gómez, J. <b>Cohomology of Lie Superalgebras</b> Symmetry 2020, 12, 833 <a href="https://doi.org/10.3390/sym12050833">https://doi.org/10.3390/sym12050833</a>	Cs. Básicas	Depto. Matemáticas Depto. Física
26	Maass, F.; Martin, P.; Olivares, J. <b>Analytic approximation to Bessel function <math>J_0(x)</math></b> Computational and Applied Mathematics (2020) 39:222 <a href="https://doi.org/10.1007/s40314-020-01238-z">https://doi.org/10.1007/s40314-020-01238-z</a>	Cs. Básicas	Depto. Física Depto. Matemáticas
27	Alvarez, M.A.; Hernández, I. <b>Varieties of nilpotent Lie superalgebras of dimension <math>\leq 5</math></b> Forum Mathematicum Forum 2020; 32(3): 641–661 <a href="https://doi.org/10.1515/forum-2019-0244">https://doi.org/10.1515/forum-2019-0244</a>	Cs. Básicas	Depto. Matemáticas
28	Alvarez, M.A.; Hernández, I. <b>On degenerations of Lie superalgebras</b> Linear and Multilinear Algebra 2020, VOL. 68, NO. 1, 29–44 <a href="https://doi.org/10.1080/03081087.2018.1498060">https://doi.org/10.1080/03081087.2018.1498060</a>	Cs. Básicas	Depto. Matemáticas
29	Alvarez, M.A.; Brondani, A.E.; França, F.A.M.; Medina C, L.A. <b>Characteristic Polynomials and Eigenvalues for Certain Classes of Pentadiagonal Matrices</b> Mathematics 2020, 8, 1056 <a href="https://doi.org/10.3390/math8071056">https://doi.org/10.3390/math8071056</a>	Cs. Básicas	Depto. Matemáticas
30	Gómez-Déniz, E.; Pérez-Rodríguez, J.V.; Reyes, J.; Gómez, H.W. <b>A Bimodal Discrete Shifted Poisson Distribution. A Case Study of Tourists' Length of Stay</b> Symmetry 2020, 12, 442 <a href="https://doi.org/10.3390/sym12030442">https://doi.org/10.3390/sym12030442</a>	Cs. Básicas	Depto. Matemáticas
31	Elal-Olivero, D.; Olivares-Pacheco, J.F.; Venegas, O.; Bolfarine, H.; Gómez, H.W. <b>On Properties of the Bimodal Skew-Normal Distribution and an Application</b> Mathematics <a href="https://doi.org/10.3390/math8050703">https://doi.org/10.3390/math8050703</a>	Cs. Básicas	Depto. Matemáticas
32	Reyes, J.; Barranco-Chamorro, I.; Gómez, H.W. <b>Generalized modified slash distribution with applications</b> Communications in Statistics - Theory and Methods 2020, VOL. 49, NO. 8, 2025–2048 <a href="https://doi.org/10.1080/03610926.2019.1568484">https://doi.org/10.1080/03610926.2019.1568484</a>	Cs. Básicas	Depto. Matemáticas
33	Iriarte, Y.A.; Varela, H.; Gómez, H.J.; Gómez, H.W. <b>A Gamma-Type Distribution with Applications</b> SYMMETRY 2020, 12, 870 <a href="https://doi.org/10.3390/sym12050870">https://doi.org/10.3390/sym12050870</a>	Cs. Básicas	Depto. Matemáticas
34	Medina, L.; Nina, H.; Trigo, M. <b>On Distance Signless Laplacian Spectral Radius and Distance Signless Laplacian Energy</b> Mathematics 2020, 8, 79 <a href="https://doi.org/10.3390/math8050792">https://doi.org/10.3390/math8050792</a>	Cs. Básicas	Depto. Matemáticas
35	Medina, L.; Nina, H.; Valero, E. <b>A Note on NIEP for Leslie and Doubly Leslie matrices</b> Mathematics 2020, 8, 559 <a href="https://doi.org/10.3390/math8040559">https://doi.org/10.3390/math8040559</a>	Cs. Básicas	Depto. Matemáticas
	E, Mallea-Zepeda; L, Medina		

36	<p><b>Optimal control problem for 3D micropolar fluid equations</b></p> <p>Electronic Journal of Qualitative Theory of Differential Equations 2020, No. 3, 1–16  <a href="https://doi.org/10.14232/ejqtde.2020.1.3">https://doi.org/10.14232/ejqtde.2020.1.3</a></p>	Cs. Básicas	Depto. Matemáticas
37	<p>Pickmann-Soto, H.; Arela-Pérez, S.; Nina, H.; Valero, E.</p> <p><b>Inverse maximal eigenvalues problems for Leslie and doubly Leslie matrices</b></p> <p>Linear Algebra and its Applications 592 (2020) 93–112  <a href="https://doi.org/10.1016/j.laa.2020.01.019">https://doi.org/10.1016/j.laa.2020.01.019</a></p>	Cs. Básicas	Depto. Matemáticas
38	<p>Andrade, E.; Lenes, E.; Mallea-Zepeda, E.; Robbiano, M.; Rodríguez Z, J.</p> <p><b>Extremal graphs for Estrada indices</b></p> <p>Linear Algebra and its Applications  <a href="https://doi.org/10.1016/j.laa.2019.10.029">https://doi.org/10.1016/j.laa.2019.10.029</a></p>	Cs. Básicas	Depto. Matemáticas
39	<p>A,Jahanbani; J,Rodríguez</p> <p><b>Koolen–Moulton–Type Upper Bounds on the Energy of a Graph</b></p> <p>MATCH Communications in Mathematical and in Computer Chemistry 83 (2020) 497-518  <a href="http://match.pmf.kg.ac.rs/electronic_versions/Match83/n3/match83n3_497-518.pdf">http://match.pmf.kg.ac.rs/electronic_versions/Match83/n3/match83n3_497-518.pdf</a></p>	Cs. Básicas	Depto. Matemáticas
40	<p>Olmos, N.M.; Venegas, O.; Gómez, Y.M.; Iriarte, Y.A.</p> <p><b>Confluent hypergeometric slashed-Rayleigh distribution: Properties, estimation and applications</b></p> <p>Journal of Computational and Applied Mathematics 368 (2020) 112548  <a href="https://doi.org/10.1016/j.cam.2019.112548">https://doi.org/10.1016/j.cam.2019.112548</a></p>	Cs. Básicas	Depto. Matemáticas
41	<p>Yosselin Huentupil, Y.; Chung, P.; Novoa, N.; Klahn, A.H.; Medina, M.;Cisterna, J.;Brito, I.; Rivera, A.; López-Muñoz, R.;Arancibia, R.</p> <p><b>new multifunctional heterobinuclear palladium (II) complexes based on organometallic dithiocarbazate ligands</b></p> <p>Applied Organometallic Chemistry 2020; e5788  <a href="https://doi.org/10.1002/aoc.5788">https://doi.org/10.1002/aoc.5788</a></p>	Cs. Básicas	Depto. Química
42	<p>Espinoza, D.; Allan, N.L.; Castillo, R.; Conejeros, S.; Brito, I.; Martin, I.R. Alemany, P.; Llanos, J.</p> <p><b>Energy transfer, structural and luminescent properties of the color tunable phosphor Y2WO6:Sm3+</b></p> <p>Journal of Alloys and Compounds  <a href="https://doi.org/10.1016/j.jallcom.2020.155381">https://doi.org/10.1016/j.jallcom.2020.155381</a></p>	Cs. Básicas	Depto. Química
43	<p>Carrizo, SL; Zampini, I.C.; Sayago, J.E.; Simirgiotis, M.J.; Bórquez, J.; Cuello, A.S.; Isla, M.I.</p> <p><b>Antifungal activity of phytotherapeutic preparation of Baccharis species from argentine Puna against clinically relevant fungi.</b></p> <p>Journal of ethnopharmacology 251 (2020) 112553  <a href="https://doi.org/10.1016/j.jep.2020.112553">https://doi.org/10.1016/j.jep.2020.112553</a></p>	Cs. Básicas	Depto. Química
44	<p>Herrera-Canché, S; Sánchez-González, M.; Loyola, L. A.; Bórquez, J.; García-Sosa, K.; Peña-Rodríguez, L.M.</p> <p><b>Biotransformation of a mulinane diterpenoid byAspergillus alliaceus and Mucor circinelloides</b></p> <p>Biocatalysis and Biotransformation  <a href="https://doi.org/10.1080/10242422.2019.1596083">https://doi.org/10.1080/10242422.2019.1596083</a></p>	Cs. Básicas	Depto. Química
45	<p>Gómez, J; Simirgiotis, M.J.; Manrique, S.; Lima, B.; Bórquez, J.; Feresin G.E. and Tapia, A.</p> <p><b>UHPLC-HESI-OT-MS-MS Biomolecules Profiling, Antioxidant and Antibacterial Activity of the “Orange-Yellow Resin” from Zuccagnia punctata Cav.</b></p> <p>Antioxidants 2020, 9, 123  <a href="https://doi.org/10.3390/antiox9020123">https://doi.org/10.3390/antiox9020123</a></p>	Cs. Básicas	Depto. Química
46	<p>Rodríguez, S; Pertino, M; Arcos, C.; Reichert, L; Echeverria, J.; Simirgiotis, M.; Borquez, J.; Cornejo, C.;</p> <p><b>Isolation, Gastroprotective Effects and Untargeted Metabolomics Analysis of Lycium Minutifolium J. Remy (Solanaceae).</b></p> <p>Foods 2020, 9, 565  <a href="https://doi.org/10.3390/foods9050565">https://doi.org/10.3390/foods9050565</a></p>	Cs. Básicas	Depto. Química
47	<p>Areche, C.; Hernández, M; Cano, T; Ticona, J; Cortes, C; Simirgiotis, M; Cáceres, F; Borquez, J; Echeverria, J; Sepúlveda, B.</p> <p><b>Corryocactus brevistylus (K. Schum. ex Vaupel) Britton &amp; Rose (Cactaceae): Antioxidant, Gastroprotective Effects, and Metabolomic Profiling by Ultrahigh- Pressure Liquid Chromatography and Electrospray High Resolution Orbitrap Tandem Mass Spectrometry.</b></p> <p>Frontiers in Pharmacology 2020, Vol. 11, Art. 417  <a href="https://doi.org/10.3389 / fphar.2020.00417">https://doi.org/10.3389 / fphar.2020.00417</a></p>	Cs. Básicas	Depto. Química

48	Farid N. Naghiyev, F.N.; Jonathan Cisterna, J.; Ali N. Khalilov A.N.; Maharramov, A.M.; Askerov, R.K.; Asadov, K.A.; Mamedov, I.G.; Salmanli, K.S.; Cárdenas, A.; Brito, I. <b>Crystal Structure and Hirshfeld Surface Analysis of Acetoacetanilide Based Reaction Products</b> Molecules 2020, 25, 2235 <a href="https://doi.org/10.3390/molecules25092235">https://doi.org/10.3390/molecules25092235</a>	Cs. Básicas	Depto. Química Depto. Física
49	Delgado, G.; Liew,S-M;Jamalis, J.; Cisterna, J; Cardenas, A.; Brito, I. <b>Structural characterization and Hirshfeld surface analysis of the pyrazoline 1-(3-(4-iodophenyl)-5-(3-methylthiophen-2-yl)-4,5- dihydro-1H-pyrazol-1-yl)ethan-1-one</b> Journal of Molecular Structure 1210 (2020) 128044 <a href="https://doi.org/10.1016/j.molstruc.2020.128044">https://doi.org/10.1016/j.molstruc.2020.128044</a>	Cs. Básicas	Depto. Química Depto. Física
50	Delgado, G. E; Mora, A. J; Seijas, L. E; Almeida, R; Chacon, C; Azotla-Cruz, L; Cisterna, J; Cárdenas, A; Brito, I. <b>N-acetyl-5-isopropyl-2-tioximidazolidin-4-one: Synthesis, spectroscopic characterization, crystal structure, DFT calculations, Hirshfeld surface analysis and energy framework study</b> Journal of Molecular Structure <a href="https://doi.org/10.1016/j.molstruc.2020.128630">https://doi.org/10.1016/j.molstruc.2020.128630</a>	Cs. Básicas	Depto. Química Depto. Física
51	Barrientos, R; Simirgiotis, M; Palacios, J; Paredes, A; Bórquez, J; Bravo, A; and Cifuentes, F. <b>Chemical Fingerprinting, Isolation and Characterization of Polyphenol Compounds from Heliotropium taltalense (Phil.) I.M. Johnst and Its Endothelium-Dependent Vascular Relaxation Effect in Rat Aorta</b> Molecules 2020, 25, 3105. <a href="https://doi.org/10.3390/molecules25143105">https://doi.org/10.3390/molecules25143105</a>	Cs. Básicas VRIP	Depto. Química Instituto Antofagasta
52	Cifuentes, F.; Palacios, J.; Bórquez, Paredes, A.; Parra, C.; Bravo, A.; and Simirgiotis, M. <b>Fast Isolation of Flavonoids from the Endemic Species Nolana ramosissima I.M. Johnst and Its Endothelium-Independent Relaxation Effect in Rat Aorta</b> Molecules 2020, 25, 520; <a href="https://doi.org/10.3390/molecules25030520">https://doi.org/10.3390/molecules25030520</a>	Cs. Básicas VRIP	Depto. Química Instituto Antofagasta
53	Marticorena, P; González, P; Riquelme, C; Silva Aciaras, F. <b>Effects of beneficial bacteria on biomass, photosynthetic parameters and cell composition of the microalga Muriellopsis sp. adapted to grow in seawater</b> Aquaculture Research, 2020;51:3609–3622. <a href="https://doi.org/10.1111/are.14711">https://doi.org/10.1111/are.14711</a>	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología
54	Vera Villalobos, H; Pérez, V; Contreras, F; Alcayaga, V; Avalos, V; Riquelme, C; Silva Aciaras, F. <b>Characterization and removal of biofouling from reverse osmosis membranes (ROMs) from a desalination plant in Northern Chile, using Alteromonas sp. Ni1-LEM supernatant</b>  Biofouling The Journal of Bioadhesion and Biofilm Research 2020, VOL. 36, NO. 5, 505–515 <a href="https://doi.org/10.1080/08927014.2020.1776268">https://doi.org/10.1080/08927014.2020.1776268</a>	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología
55	Zadjelovic, V; Chhun, A; Quareshy, M; Silvano, E; Hernandez-Fernaund, J. R; Aguilo-Ferretjans M. M; Bosch, R; Dorador, C; Gibson, M. I.; Christie-Oleza; J. A. <b>Enzymatic potential of Alcanivorax to degrade natural and synthetic polyesters</b>  Environmental Microbiology 22, 1356–1369 <a href="https://doi.org/10.1111/1462-2920.14947">https://doi.org/10.1111/1462-2920.14947</a>	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología
56	Campillay-Véliz, C. P., Carvajal, J. J., Avellaneda, A. M., Escobar, D., Covián, C., Kalergis, A. M., & Lay, M. K <b>Human Norovirus Proteins: Implications in the Replicative Cycle, Pathogenesis, and the Host Immune Response</b>  Frontiers in Immunology, 2020, Vol. 11, Art. 961. <a href="https://doi.org/10.3389/fimmu.2020.00961">https://doi.org/10.3389/fimmu.2020.00961</a>	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología
57	Duarte-Nass, C.; Rebolledo, K.; Valenzuela, T.; Kopp, M.; Jeison, D.; Rivas, M.; Azócar, L.; Torres-Aravena, A.; Ciudad, G. <b>Application of microbe-induced carbonate precipitation for copper removal from copper-enriched waters: challenges to future industrial application</b>  Journal of Environmental Management 256 (2020) 109938 <a href="https://doi.org/10.1016/j.jenvman.2019.109938">https://doi.org/10.1016/j.jenvman.2019.109938</a>	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología
	Arias, D; Villca, G; Pánico, A; Cisternas, L.A; Jeldres, R.I.; González-Benito, G; Rivas, M.	Cs. Del Mar y Recursos Biológicos	Depto. Biotecnología

58	<p><b>Partial desalination of seawater for mining processes through a fluidized bed bioreactor filled with immobilized cells of <i>Bacillus subtilis</i> LN8B</b></p> <p>Desalination 482 (2020) 114388  <a href="https://doi.org/10.1016/j.desal.2020.114388">https://doi.org/10.1016/j.desal.2020.114388</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
59	<p>Espinola-Novelo, J.F.; Gonzalez, M.T.; Pacheco, A.S.; Luque, J.L.; Oliva, M.E.</p> <p><b>Testing for deterministic succession in metazoan parasite communities of marine fish</b></p> <p>Ecology Letters (2020) 23: 631–641  <a href="https://doi.org/10.1111/ele.13463">https://doi.org/10.1111/ele.13463</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
60	<p>Díaz-Puente, B.; Guiñez, R.; Pita, A.; Miñambres, M.; &amp; Presa, P.</p> <p><b>Genotype by environment interaction for shell length in <i>Mytilus galloprovincialis</i></b></p> <p>Journal of Experimental Marine Biology and Ecology 522 (2020) 151252  <a href="https://doi.org/10.1016/j.jembe.2019.151252">https://doi.org/10.1016/j.jembe.2019.151252</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
61	<p>Díaz-Puente, B.; Pita, A.; Uribe, J.; Cuéllar-Pinzón, J.; Guiñez, R.; &amp; Presa, P.</p> <p><b>A biogeography-based management for <i>Mytilus chilensis</i>: The genetic hodgepodge of Los Lagos versus the pristine hybrid zone of the Magellanic ecotone</b></p> <p>Aquatic Conservation: Marine and Freshwater Ecosystems 2020;30:412–425.  <a href="https://doi.org/10.1002/aqc.3271">https://doi.org/10.1002/aqc.3271</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
62	<p>Gisella Gómez; Lidia Sánchez; Luis A. Ñacari; Juan F. Espinola-Novelo</p> <p><b>Nematode Parasites from Six Species of Marsupial <i>Gastrotheca</i> (Anura: Hemiphractidae) Frogs from the Peruvian Andean Highlands</b></p> <p>PACIFIC SCIENCE (2020), vol. 74, no. 1:1–13  <a href="https://doi.org/10.2984/74.1.5">https://doi.org/10.2984/74.1.5</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
63	<p>Ahrendt, C; Perez-Venegas, D.J; Urbina, M; Gonzalez, C; Echeveste, P; Aldana, M; Pulgar, J; Galbán-Malagón, C.</p> <p><b>Microplastic ingestion cause intestinal lesions in the intertidal fish <i>Girella laevis</i></b></p> <p>Marine Pollution Bulletin 151 (2020) 110795  <a href="https://doi.org/10.1016/j.marpolbul.2019.110795">https://doi.org/10.1016/j.marpolbul.2019.110795</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
64	<p>Aránguiz-Acuña, A; Luque, J; Pizarro, H; Cerda, M; Heine-Fuster, I; Valdés, J; Fernández-Galego, E; Wennrich, V.</p> <p><b>Aquatic community structure as sentinel of recent environmental changes unraveled from lake sedimentary records from the Atacama Desert, Chile</b></p> <p>Plos One, 2020; 15(2): e0229453.  <a href="https://doi.org/10.1371/journal.pone.0229453">https://doi.org/10.1371/journal.pone.0229453</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
65	<p>Ñacari, L. A.; Sepulveda, F.A.; Droguet, F.; Escribano, R.; Oliva, M. E.</p> <p><b><i>Calicotyle hydrolagi</i> n. sp. (Monogenea: Monocotylidae) infecting the deep-sea Eastern Pacific black ghost shark <i>Hydrolagus melanophasma</i> from the Atacama Trench, with comments on host specificity of <i>Calicotyle</i> spp.</b></p> <p>Parasitology International 75 (2020) 102025.  <a href="https://doi.org/10.1016/j.parint.2019.102025">https://doi.org/10.1016/j.parint.2019.102025</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
66	<p>Hermosillo-Núñez Brenda B.</p> <p><b>Contribution of echinoderms to keystone species complex and macroscopic properties in kelp forest ecosystems (northern Chile)</b></p> <p>Hydrobiologia (2020) 847:739–756  <a href="https://doi.org/10.1007/s10750-019-04134-8">https://doi.org/10.1007/s10750-019-04134-8</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
67	<p>González, M.T.; López, Z.; Nuñez, J.J., Calderón-Mayo, K.I.; Ramírez, C.; Morgades, D. Katz, H.; George-Nascimento, M.; Pavés, H.</p> <p><b>Morphometrical and molecular evidence suggests cryptic diversity among hookworms (Nematoda: Uncinaria) that parasitize pinnipeds from the south-eastern Pacific coasts</b></p> <p>JOURNAL OF HELMINTHOLOGY. Volumen 942020 , e8  <a href="https://doi.org/10.1017/S0022149X18000950">https://doi.org/10.1017/S0022149X18000950</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
68	<p>Pablo A, Pérez; Manuel Bravo; Waldo Quiroz.</p> <p><b>Total mercury bias in soil analysis by CV-AFS: causes, consequences and a simple solution based on sulfhydryl cotton fiber as a clean-up step</b></p> <p>Analytical Methods 2020, 12, 3756–3762  <a href="https://doi.org/10.1039/d0ay01035a">https://doi.org/10.1039/d0ay01035a</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
	Zapata-Carmona, H.; Soriano-Ubeda, C.; París-Oller, E.; Matás, C.		

69	<p><b>Periovalvatory oviductal fluid decreases sperm protein kinase A activity, tyrosine phosphorylation, and in vitro fertilization in pig</b></p> <p>Andrology. 2020;8:756–768  <a href="https://doi.org/10.1111/andr.12751">https://doi.org/10.1111/andr.12751</a></p>	Cs. De la Salud	Depto. Biomédico
70	<p>Osycka-Salut, C.E.; Martínez-Leon, E.; Gervasi, M.G.; Castellano, L.; Davio, C.; Chiarante, N.; Franchi, A.M.; Ribeiro, M.L.; Díaz, E.S.; Perez-Martinez, S.</p> <p><b>Fibronectin induces capacitation-associated events through the endocannabinoid system in bull sperm</b></p> <p>Theriogenology 153 (2020) 91e101  <a href="https://doi.org/10.1016/j.theriogenology.2020.04.031">https://doi.org/10.1016/j.theriogenology.2020.04.031</a></p>	Cs. De la Salud	Depto. Biomédico
71	<p>Vera-Villalobos, H.; Lunario-Delgado L.; Pérez-Retamal, D.; Román, D.; Leiva, J.C.; Zamorano, P.; Mercado-Seguel, A.; Gálvez A.S.; Benito C., Wulff-Zottele C.</p> <p><b>Sulfate nutrition improves short-term Al3+-stress tolerance in roots of Lolium perenne L</b></p> <p>Plant Physiology and Biochemistry 148 (2020) 103–113  <a href="https://doi.org/10.1016/j.plaphy.2020.01.011">https://doi.org/10.1016/j.plaphy.2020.01.011</a></p>	Cs. Del Mar y Recursos Biológicos Cs. De la Salud Cs. Básicas	Depto. Biomédico Depto. Biotecnología. Depto. Química Depto. Bioquímica. Instituto Antofagasta
72	<p>Tadich, T; De Freslón, I; Gallo, C; Zúñiga, J; Vargas, R; Torres, C; Tadich, N; Gimpel, J; Martínez, C; Sandoval, D; Enríquez, R; Alfaro, J; Muñoz, P; Paredes, R; Erranz, B; Carvacho, I; Mezzano, M; Herrera, E.</p> <p><b>Incorporación de estándares bioéticos para la generación de conocimientos científicos de calidad en investigación en fauna silvestre: Ciencia con conciencia</b></p> <p>Gayana (2020) vol. 84, No. 1, 68-74  <a href="file:///C:/Users/ANTROPOLOGIA%20003/Downloads/115-Article%20Text-1923-1-10-20200717%20(1).pdf">file:///C:/Users/ANTROPOLOGIA%20003/Downloads/115-Article%20Text-1923-1-10-20200717%20(1).pdf</a></p>	Cs. De la Salud	Depto. Obstetricia
73	<p>Ruiz-Domínguez, M.C.; Cereza, P.; Salinas, F.; Medina E.; Renato-Castro, G.</p> <p><b>Application of Box-Behnken design and desirability function for green prospection of bioactive compounds from Isochrysis galbana</b></p> <p>Applied Sciences-Basel, 2020, 10, 2789.  <a href="https://doi.org/10.3390/app10082789">https://doi.org/10.3390/app10082789</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
74	<p>Salinas, F.; Vardanega, R.; Espinosa, C.; Jiménez, D.; Bugueño, W.; Ruíz-Domínguez, M.C.; Meireles, M.A.A.; Cereza-Mezquita, P.</p> <p><b>Supercritical fluid extraction of chañar (Geoffroea decorticans) almond oil: Global yield, kinetics and oil characterization.</b></p> <p>The Journal of Supercritical Fluids  <a href="https://doi.org/10.1016/j.supflu.2020.104824">https://doi.org/10.1016/j.supflu.2020.104824</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
75	<p>Fuentes, J.L.; Montero, Z.; Cuaresma, M.; Ruíz-Domínguez, M.C.; Mogedas, B.; Garbayo I.; González del Valle M.; Vilchez, V.</p> <p><b>Outdoor Large-Scale Cultivation of the Acidophilic Microalga Coccomyxa onubensis in a Vertical Close Photobioreactor for Lutein Production</b></p> <p>Processes  <a href="https://doi.org/10.3390/pr8030324">https://doi.org/10.3390/pr8030324</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
76	<p>Cereza-Mezquita, P.; Espinosa-Álvarez, C.; Palma-Ramírez, J.; Bugueño-Muñoz, W.; Salinas-Fuentes, F.; Ruíz-Domínguez, M.C.</p> <p><b>Isotonic Beverage Pigmented with Water-Dispersible Emulsion from Astaxanthin Oleoresin</b></p> <p>MOLECULES 2020, 25, 841  <a href="https://doi.org/10.3390/molecules25040841">https://doi.org/10.3390/molecules25040841</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
77	<p>Cereza-Mezquita, P.; Álvarez-López, A.; Bugueño-Muñoz, W.</p> <p><b>Effect of Drying on Lettuce leaves using Indirect Solar Dryer Assisted with Photovoltaic Cells and Thermal Energy Storage</b></p> <p>Processes 2020, 8, 168  <a href="https://doi.org/10.3390/pr8020168">https://doi.org/10.3390/pr8020168</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
	<p>Samuel Durán Agüero, Jacqueline Aranedá, Danay Ahumada, Jaime Silva Rojas, Rodrigo Bühring Bonacich, Astrid Caichac, Marcelo Fernández Salamanca, Pía Villarroel, Eloína Fernandez, Viviana Pacheco, Paola Aravena Martinovic, Waleska Wilson, Ana María Neira, Claudia Encina, and Jessica Moya Tillería</p>		

78	<p><b>A Multicenter Study Evaluating the Stages of Change in Food Consumption with Warning Labels among Chilean University Students</b></p> <p>BioMed Research International Volume 2020, Article ID 2317929, 9 pages</p> <p><a href="https://doi.org/10.1155/2020/2317929">https://doi.org/10.1155/2020/2317929</a></p>	Cs. De la Salud	Depto. Ciencias de los Alimentos
79	<p>Olivares, D.; Ferrada, P.; Bijman, J.; Rodríguez, S.; Trigo-González, M.; Marzo, A.; Rabanal-Arabach, J.; Alonso-Montesinos, J.; Batlles, F. J.; Fuentealba, E.</p> <p><b>Determination of the Soiling Impact on Photovoltaic Modules at the Coastal Area of the Atacama Desert</b></p> <p>Energies Energies 2020, 13, 3819</p> <p><a href="https://doi.org/10.3390/en13153819">https://doi.org/10.3390/en13153819</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
80	<p>Ferrada, P.; Rudolph, D.; Portillo, C.; Adrian, A.; Correa-Puerta, J.; Sierpe, R.; del Campo, V.; Flores, M.; Corrales, T. P.; Henriquez, R.; Kogan, M. J.; Lossen, J.</p> <p><b>Interface analysis of Ag/n-type Si contacts in n-type PERT solar cells</b></p> <p>Progress in Photovoltaics: Research and Applications 2020;28:358–371.</p> <p><a href="https://doi.org/10.1002/pip.3242">https://doi.org/10.1002/pip.3242</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
81	<p>Ferrada, P.; Rodríguez, S.; Serrano, G.; Miranda-Ostojic, C.; Maureira, A.; Zapata, M.</p> <p><b>An Analytical–Experimental Approach to Quantifying the Effects of Static Magnetic Fields for Cell Culture Applications</b></p> <p>Applied Sciences . 2020, 10, 531</p> <p><a href="https://doi.org/10.3390/app10020531">https://doi.org/10.3390/app10020531</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
82	<p>Mauro Henriquez; Luis Guerreiro; Ángel G.Fernández; Edward Fuentealba.</p> <p><b>Lithium nitrate purity influence assessment in ternary molten salts as thermal energy storage material for CSP plants</b></p> <p>Renewable Energy</p> <p><a href="https://doi.org/10.1016/j.renene.2019.10.075">https://doi.org/10.1016/j.renene.2019.10.075</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
83	<p>J. Ballestrín; E. Carra; J. Alonso-Montesinos; G. López; J. Polo; A. Marzo; J.Fernández-Reche; J. Barbero; F.J. Batlles</p> <p><b>Modeling solar extinction using artificial neural networks. Application to solar tower plants</b></p> <p>ENERGY 199 (2020) 117432</p> <p><a href="https://doi.org/10.1016/j.energy.2020.117432">https://doi.org/10.1016/j.energy.2020.117432</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
84	<p>Polo, J.; Alonso-Abella, M.; Martin-Chivelet, N.; Alonso-Montesinos, J.; López, G.; Marzo, A.; Nofuentes, G.; Vela-Barrionuevo, N.</p> <p><b>Typical Meteorological Year Methodologies applied to solar spectral irradiance</b></p> <p>ENERGY 90 (2020) 116453</p> <p><a href="https://doi.org/10.1016/j.energy.2019.116453">https://doi.org/10.1016/j.energy.2019.116453</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
85	<p>Carra, E.; Marzo, A.; Ballestrín, J.; Polo, J.; Barbero, J.; Monterreal, R.; Abreu, E. F.M. ; Fernández-Reche, J.</p> <p><b>Atmospheric extinction levels of solar radiation using AOT satellite data. Validation methodology with measurement system</b></p> <p>Renewable Energy 149 (2020) 1120e1132</p> <p><a href="https://doi.org/10.1016/j.renene.2019.10.106">https://doi.org/10.1016/j.renene.2019.10.106</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
86	<p>Behar, O.; Sbarbaro, D.; Marzo, A.; Gonzalez, M. Trigo; Fuentealba, E. ; Moran, L.</p> <p><b>Critical analysis and performance comparison of thirty-eight (38) clear-sky direct irradiance models under the climate of Chilean Atacama Desert</b></p> <p>Renewable Energy 153 (2020) 49e60</p> <p><a href="https://doi.org/10.1016/j.renene.2019.08.006">https://doi.org/10.1016/j.renene.2019.08.006</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
87	<p>Mallco, A.;Portillo,C.;Kogan,M.;Galleguillo,F.;Fernandez,A.</p> <p><b>A Materials Screening Test of Corrosion Monitoring in LiNO3 Containing Molten Salts as a Thermal Energy Storage Material for CSP Plants</b></p> <p>Applied Sciences 2020, 10, 3160</p> <p><a href="https://doi.org/10.3390/app10093160">https://doi.org/10.3390/app10093160</a></p>	Ingeniería	Centro de Desarrollo Energético (CDA)
88	<p>Mauricio Lara; Víctor Vergara Díaz; Manuel Camus; Tiago Vieira Da Cunha</p> <p><b>Effect of transverse arc oscillation on morphology, dilution and microstructural aspects of weld beads produced with short-circuiting transfer in GMAW</b></p> <p>Journal of the Brazilian Society of Mechanical Sciences and Engineering (2020) 42:449</p> <p><a href="https://doi.org/10.1007/s40430-020-02533-w">https://doi.org/10.1007/s40430-020-02533-w</a></p>	Ingeniería	Depto. Ing. Mecánica
89	<p>Galleguillos, Cáceres; Maxwell, L.; Soliz, A.</p> <p><b>Electrochemical Ion Pumping Device for Blue Energy Recovery: Mixing Entropy Battery</b></p> <p>Applied Sciences 2020, 10(16), 5537</p> <p><a href="https://doi.org/10.3390/app10165537">https://doi.org/10.3390/app10165537</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales

90	<p>Soliz, A; Cáceres, L; Pineda, F; Galleguillos, F.</p> <p><b>Erosion–Corrosion of AISI 304L Stainless Steel Affected by Industrial Copper Tailings</b></p> <p>Metals 2020, 10(16), 5537</p> <p><a href="https://doi.org/10.3390/met10081005">https://doi.org/10.3390/met10081005</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
91	<p>Calisaya-Azpilcueta, D.; Herrera-Leon; S., Lucay, F.A.; Cisternas, L.A.</p> <p><b>Assessment of the Supply Chain under Uncertainty: The Case of Lithium</b></p> <p>Minerals 2020, 10, 604</p> <p><a href="https://doi.org/10.3390/min10070604">https://doi.org/10.3390/min10070604</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
92	<p>Acosta-Flores, R.; Lucay, F.A.; Gálvez, E.D.; Cisternas, L.A.</p> <p><b>The effect of regrinding on the design of flotation circuits</b></p> <p>Minerals Engineering</p> <p><a href="https://doi.org/10.1016/j.mineng.2020.106524">https://doi.org/10.1016/j.mineng.2020.106524</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
93	<p>Lucay, F.A.; Cisternas, L.A.; Gálvez, E.D.</p> <p><b>An LS-SVM classifier based methodology for avoiding unwanted responses in processes under uncertainties</b></p> <p>Computers and Chemical Engineering 138 (2020) 106860</p> <p><a href="https://doi.org/10.1016/j.compchemeng.2020.106860">https://doi.org/10.1016/j.compchemeng.2020.106860</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
94	<p>Araya, N.; Kraslawski, A.; Cisternas, L.A.</p> <p><b>Towards mine tailings valorization: Recovery of critical materials from Chilean mine tailings</b></p> <p>Journal of Cleaner Production</p> <p><a href="https://doi.org/10.1016/j.jclepro.2020.121555">https://doi.org/10.1016/j.jclepro.2020.121555</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
95	<p>Cisternas, L.; Acosta-Flores, R.; Gálvez, E.</p> <p><b>Some Limitations and Disadvantages of Linear Circuit Analysis</b></p> <p>Minerals Engineering 149 (2020) 106231</p> <p><a href="https://doi.org/10.1016/j.mineng.2020.106231">https://doi.org/10.1016/j.mineng.2020.106231</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
96	<p>Cisternas, L.</p> <p><b>Editorial for Special Issue “Modeling, Design and Optimization of Multiphase Systems in Minerals Processing”</b></p> <p>Minerals 2020, 10, 134</p> <p><a href="https://doi.org/10.3390/min10020134">https://doi.org/10.3390/min10020134</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
97	<p>Cisternas, L.A.; Lucay F.A.; Botero, Y.</p> <p><b>Trends in Modeling, Design, and Optimization of Multiphase Systems in Minerals Processing</b></p> <p>Minerals 2020, 10, 22</p> <p><a href="https://doi.org/10.3390/min10010022">https://doi.org/10.3390/min10010022</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
98	<p>Lucay, F.A.; López-Arenas, T.; Sales Cruz, M.; Galvez, E.D.; Cisternas, L.A.</p> <p><b>PERFORMANCE PROFILES FOR BENCHMARKING OF GLOBAL SENSITIVITY ANALYSIS ALGORITHMS</b></p> <p>Revista Mexicana de Ingeniería Química</p> <p><a href="https://doi.org/10.24275/rmiq/sim547">https://doi.org/10.24275/rmiq/sim547</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
99	<p>Cruz, C.; Ramos, J.; Robles, O.; Leiva, W.; Jeldres, R.; Cisternas, L.</p> <p><b>Partial seawater desalination treatment for improving chalcopyrite floatability and tailing flocculation with clay content</b></p> <p>Minerals Engineering 151 (2020) 106307</p> <p><a href="https://doi.org/10.1016/j.mineng.2020.106307">https://doi.org/10.1016/j.mineng.2020.106307</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
100	<p>Marín, O.A.; Ordóñez, J.I.; Gálvez, E.D.; Cisternas, L.A.</p> <p><b>Pourbaix diagrams for copper ores processing with seawater</b></p> <p>Physicochemical Problems of Mineral Processing</p> <p><a href="https://doi.org/10.37190/ppmp/123407">https://doi.org/10.37190/ppmp/123407</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
101	<p>Milian, Y; Ushak, S; Cabeza, L; Grageda, M.</p> <p><b>Advances in the development of latent heat storage materials based on inorganic lithium salts</b></p> <p>Solar Energy Materials and Solar Cells 208 (2020) 110344</p> <p><a href="https://doi.org/10.1016/j.solmat.2019.110344">https://doi.org/10.1016/j.solmat.2019.110344</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
102	<p>Svetlana Ushak; Mariela Vega; Jorge A. Lovera-Copa; Sergio Pablo; Marcos Lujan; Mario Grageda</p> <p><b>Thermodynamic modeling and experimental verification of new eutectic salt mixtures as thermal energy storage materials</b></p> <p>Solar Energy Materials and Solar Cells 209 (2020) 110475</p>	Ingeniería	Depto. Ing. Química y Procesos Minerales

	<a href="https://doi.org/10.1016/j.solmat.2020.110475">https://doi.org/10.1016/j.solmat.2020.110475</a>		
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169	<p>Queiroz, A. B. A.; Anders, F.; Chiappini, C.; Khatalyan, A.; Santiago, B. A.; Steinmetz, M.; Valentini, M.; Miglio, A.; Bossini, D.; Barbuy, B.; Minchev, I.; Minniti, D.; García Hernández, D. A.; Schultheis, M.; Beaton, R. L.; Beers, T. C.; Bizyaev, D.; Brownstein, J. R.; Cunha, K.; Fernández-Trincado, J. G. Frinchaboy, P. M.; Lane, R. R.; Majewski, S. R.; Nataf, D.; Nitschelm, C.; Pan, K.; Roman-Lopes, A.; Sobeck, J. S.; ...</p> <p><b>From the bulge to the outer disc: StarHorse stellar parameters, distances, and extinctions for stars in APOGEE DR16 and other spectroscopic surveys</b></p> <p>Astronomy &amp; Astrophysics 638, A76 (2020)</p> <p><a href="https://doi.org/10.1051/0004-6361/201937364">https://doi.org/10.1051/0004-6361/201937364</a></p>	Centro de Investigación, Tecnología, Educación y Vinculación Astronómica (CITEVA)	
170	<p>Baume, G.; Corti, M. A.; Borissova, J.; Ramirez Alegria, S.; Corvera, A. V.</p> <p><b>Multi-wavelength study in the region of IRAS 16571-4029 and 16575-4023 sources</b></p> <p>New Astronomy 79 (2020) 101384</p> <p><a href="https://doi.org/10.1016/j.newast.2020.101384">https://doi.org/10.1016/j.newast.2020.101384</a></p>	Centro de Investigación, Tecnología, Educación y Vinculación Astronómica (CITEVA)	

Publicaciones septiembre 2020 Scopus y Scielo (Que no se encuentran en Journal Citation Reports):

N°	PUBLICACIÓN	FACULTAD	DEPARTAMENTO
1	<p>Persia, F.A.; Troncoso, M.E.; Rinaldini, E.; Simirgiotis, M; Tapia, A; Borquez, J; Mackern-Oberti, J.P; Hapon, M.B; Gamarra-Luques, C.</p> <p><b>UHPLC-Q/Orbitrap/MS/MS fingerprinting and antitumoral effects of Prosopis strombulifera (LAM.) BENTH. queous extract on allograft colorectal and melanoma cancer models</b></p> <p>Heliyon 6 (2020) e03353</p> <p><a href="https://doi.org/10.1016/j.heliyon.2020.e03353">doi.org/10.1016/j.heliyon.2020.e03353</a></p>	Cs. Básicas	Depto. Química
2	<p>Gaete Quezada, R; Álvarez Rodríguez, J.</p> <p><b>Alta dirección pública y techo de cristal. Acceso de las mujeres a los puestos directivos en Chile</b></p> <p>Sociedad No. 77, 2020</p> <p><a href="https://doi.org/10.32870/ees.v27i77.7085">https://doi.org/10.32870/ees.v27i77.7085</a></p>	Cs. Sociales, Artes y Humanidades	Depto. Ciencias Sociales
3	<p>Gaete Quezada, R.</p> <p><b>Aseguramiento de la calidad de doctorados en Educación en Chile</b></p> <p>revista de investigación educativa de la Rediech vol. 11 • 2020 • e740</p> <p><a href="http://dx.doi.org/10.33010/ie_rie_rediech.v11i0.740">http://dx.doi.org/10.33010/ie_rie_rediech.v11i0.740</a></p>	Cs. Sociales, Artes y Humanidades	Depto. Ciencias Sociales

4	<p><b>Dirección por valores y responsabilidad social en universidades estatales chilenas</b></p> <p>V. 14, no 1, ene-jun   PERÚ   2020  <a href="http://dx.doi.org/10.19083/ridu.2020.1073">http://dx.doi.org/10.19083/ridu.2020.1073</a></p>	Cs. Sociales, Artes y Humanidades	Depto. Ciencias Sociales
5	<p>JJ salinas</p> <p><b>Formar ciudadanos a través de la acción sobre los problemas sociales de la comunidad</b></p> <p>Praxis educativa UNLPam, Vol. 24, N° 1, enero-abril 2020, ISSN 2313 – 933X, pp. 1 – 14.  <a href="https://dx.doi.org/10.19137/praxiseducativa-2020-240110">https://dx.doi.org/10.19137/praxiseducativa-2020-240110</a></p>	Educación	Depto. Educación
6	<p>Cayo, H; Contreras, C.</p> <p><b>Algunos elementos claves del conocimiento especializado del profesor de matemáticas para la gestión de las relaciones área-perímetro</b></p> <p>Educación Matemática, vol. 32, núm. 2, 2020  <a href="https://doi.org/10.24844/EM3202.02">10.24844/EM3202.02</a></p>	Educación	Depto. Educación
7	<p>Gutiérrez-Carmona, A; Alday-Mondaca, C; Calderón Carvajal, C.</p> <p><b>Validación de la versión en español de la escala Perspectiva Espiritual de P. Reed</b></p> <p>Revista Cubana de Enfermería. 2020;36(1):e2788  <a href="http://www.revenfermeria.sid.cu/index.php/enf/article/view/2788">http://www.revenfermeria.sid.cu/index.php/enf/article/view/2788</a></p>	Cs. De la Salud	Depto. Enfermería
8	<p>Sarmiento, R; Sepúlveda, M; Pavez, G; Valdés, J; Canto, A; Orellana, M; Oliva D.</p> <p><b>Diet composition of an opportunistic predator from an upwelling area in the Southeastern Pacific</b></p> <p>Ecological Society of Australia 2020  <a href="https://doi.org/10.1111/aec.12944">10.1111/aec.12944</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
9	<p>Marambio-Alfaro, M; Valdés, J; Ñacari, L; López, A; Serrano, A; Martínez, R; Castillo, A; Álvarez, G; Vidal, M.</p> <p><b>Data on metal accumulation in the tails of the lizard <i>Microlophus atacamensis</i> in a coastal zone of the Atacama Desert, northern Chile: A non-destructive biomonitoring tool for heavy metal pollution</b></p> <p>Data in Brief 32 (2020) 106032  <a href="https://doi.org/10.1016/j.dib.2020.106032">https://doi.org/10.1016/j.dib.2020.106032</a></p>	Cs. Del Mar y Recursos Biológicos	Instituto de Ciencias Naturales Alexander von Humbolt
10	<p>Calisaya-Azpilcueta, D; Herrera-Leon, S; Cisternas, L.A</p> <p><b>Current and Future Global Lithium Production Till 2025</b></p> <p>The Open Chemical Engineering Journal, 2020, Volume 14 37  <a href="https://doi.org/10.2174/1874123102014010036">10.2174/1874123102014010036</a>.</p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
11	<p>Lovera, J; Ushak, S; Flores, E; Fernandez, A; Galleguillos, H.</p> <p><b>Modelo de equilibrio químico para representar solubilidades de sistemas ternarios y su aplicación a la predicción de eutécticos de sistemas cuaternarios</b> Chemical equilibrium model to represent solubilities of ternary systems and their application to the p</p> <p>Ingeniare. Revista chilena de ingeniería, vol. 28 N° 1, 2020, pp. 31-40  <a href="https://doi.org/10.4067/S0718-33052020000100031">10.4067/S0718-33052020000100031</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales
12	<p>Villalobos, J; A De Gracia, M Chafer; L, F. Cabeza; S, Ushak</p> <p><b>Experimental Comparison of Passive Heating/Cooling Space in Lightweight Buildings with Potential Application in Mining Camps</b></p> <p>IOP Conf. Series: Earth and Environmental Science 503 (2020) 012083  <a href="https://doi.org/10.4067/S0718-33052020000100031">10.4067/S0718-33052020000100031</a></p>	Ingeniería	Depto. Ing. Química y Procesos Minerales