

Publicaciones 2023 Web of Science (WoS), según Journal Citation Reports:

	PUBLICACIÓN	FACULTAD	DEPARTAMENTO / INSTITUTO / CENTRO
1	Gomez, Hector J.; Santoro, Karol I.; Barranco-Chamorro, Inmaculada; Venegas, Osvaldo; Gallardo, Diego I.; Gomez, Hector W. A Family of Truncated Positive Distributions MATHEMATICS 11 21 n/a 2023 10.3390/math11214431	Cs. Básicas	Estadística y C. Datos
2	Gomez, Yolanda M.; Santos, Bruno; Gallardo, Diego, I.; Venegas, Osvaldo; Gomez, Hector W. Bias Reduction of Maximum Likelihood Estimates for an Asymmetric Class of Power Models with Applications REVSTAT-STATISTICAL JOURNAL 21 4 491-507 2023 10.57805/revstat.v21i4.431	Cs. Básicas	Estadística y C. Datos
3	Castillo, Jaime S.; Barranco-Chamorro, Inmaculada; Venegas, Osvaldo; Gomez, Hector W. Slash-Weighted Lindley Distribution: Properties, Inference, and Applications MATHEMATICS 11 18 n/a 2023 10.3390/math11183980	Cs. Básicas	Estadística y C. de Datos
4	Reyes, Jimmy; Iriarte, Yuri A. A New Family of Modified Slash Distributions with Applications MATHEMATICS 11 13 n/a 2023 10.3390/math11133018	Cs. Básicas	Estadística y C. de Datos
5	Santoro, Karol I.; Gallardo, Diego I.; Venegas, Osvaldo; Cortes, Isaac E.; Gomez, Hector W. A Heavy-Tailed Distribution Based on the Lomax-Rayleigh Distribution with Applications to Medical Data MATHEMATICS 11 22 n/a 2023 10.3390/math11224626	Cs. Básicas	Estadística y C. de Datos
6	Arnold, Barry C.; Gallardo, Diego I.; Gomez, Hector W. A New Bivariate Birnbaum-Saunders Type Distribution Based on the Skew Generalized Normal Model REVSTAT-STATISTICAL JOURNAL 21 1 1-20 2023 10.57805/revstat.v21i1.396	Cs. Básicas	Estadística y C. de Datos
7	Arrue, Jaime; Arellano-Valle, Reynaldo B.; Calderín-Ojeda, Enrique; Venegas, Osvaldo; Gomez, Hector W. Likelihood Based Inference and Bias Reduction in the Modified Skew-t-Normal Distribution MATHEMATICS 11 15 n/a 2023 10.3390/math11153287	Cs. Básicas	Estadística y C. de Datos
8	Garrido, A. P.; Zambrano, D.; Ramos-Andrade, J. P.; Orellana, P. A. Bound states in the continuum and Majorana zero modes in a double quantum dot interferometer: Ghost-Fano Majorana effect EUROPEAN PHYSICAL JOURNAL PLUS 138 7 n/a 2023 10.1140/epj/s13360-023-04271-z	Cs. Básicas	Física
9	Bellorin, Jorge; Borquez, Claudio; Droguett, Byron BRST symmetry and unitarity of the Horava theory PHYSICAL REVIEW D 107 4 n/a 2023 10.1103/PhysRevD.107.044059	Cs. Básicas	Física
10	del Morala, M. P. Garcia; Leon, P.; Restuccia, A. Supersymmetric algebra of the massive supermembrane PHYSICS LETTERS B 839 n/a n/a 2023 10.1016/j.physletb.2023.137754	Cs. Básicas	Física
11	García del Moral, M. P.; Heras, C. Las; Restuccia, A. Type IIB parabolic (p, q)-strings from M2-branes with fluxes JOURNAL OF HIGH ENERGY PHYSICS n/a 3 n/a 2023 10.1007/JHEP03(2023)143	Cs. Básicas	Física
12	Goyeneche, Dardo; Bruzda, Wojciech; Turek, Ondrej; Alsina, Daniel; Zyczkowski, Karol Local hidden variable values without optimization procedures QUANTUM 7 n/a 1-14 2023 n/a	Cs. Básicas	Física
13	Lara, G. A.; Ramos-Andrade, J. P.; Zambrano, D.; Orellana, P. A. Kondo effect in a quantum dot embedded between topological superconductors PHYSICA E-LOW-DIMENSIONAL SYSTEMS & NANOSTRUCTURES 152 n/a n/a 2023 10.1016/j.physe.2023.115743	Cs. Básicas	Física
14	Leon, P.; Fuenmayor, E.; Contreras, E. Double relativistic master polytrope for anisotropic matter PHYSICAL REVIEW D 107 6 n/a 2023 10.1103/PhysRevD.107.064010	Cs. Básicas	Física
15	Leon, P.; Heras, C. Las Spherically symmetric distributions with an invariant and vanishing complexity factor by means of the extended geometric deformation EUROPEAN PHYSICAL JOURNAL C 83 3 n/a 2023 10.1140/epjc/s10052-023-11415-z	Cs. Básicas	Física
16	Lohakare, Santosh, V.; Tello-Ortiz, Francisco; Mishra, B.; Tripathy, S. K. The Fate of the Universe Evolution in the Quadratic Form of Ricci-Gauss-Bonnet Cosmology GRAVITATION & COSMOLOGY 29 4 443-455 2023 10.1134/S0202289323040138	Cs. Básicas	Física
17	Mestra-Paez, J.; Restuccia, Alvaro; Tello-Ortiz, Francisco Propagation of anisotropic gravitational and electromagnetic waves at very high energies JOURNAL OF HIGH ENERGY ASTROPHYSICS 39 n/a 99-105 2023 10.1016/j.jheap.2023.07.003	Cs. Básicas	Física
18	Restuccia, A.; Sotomayor, A. Integrability and BRST invariance from BF topological theory JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 56 44 n/a 2023 10.1088/1751-8121/acff9b	Cs. Básicas	Física
19	Restuccia, Alvaro; Tello-Ortiz, Francisco Gravitational-gauge vector interaction in the Horava-Lifshitz framework CLASSICAL AND QUANTUM GRAVITY 40 5 n/a 2023 10.1088/1361-6382/acb62f	Cs. Básicas	Física
20	Alvarez, P. D.; Chavez, R. A.; Zanelli, J. Embedding of the Georgi-Glashow SU(5) model in the superconformal algebra JOURNAL OF HIGH ENERGY PHYSICS n/a 2 n/a 2023 10.1007/JHEP02(2023)050	Cs. Básicas	Física
21	Alvarez, Pedro D.; Corral, Cristóbal; Zanelli, Jorge A black hole solution in conformal supergravity JOURNAL OF HIGH ENERGY PHYSICS n/a 1 n/a 2023 10.1007/JHEP01(2023)009	Cs. Básicas	Física
22	Azmat, Hina; Tello-Ortiz, Francisco; Zubair, M.; Alvarez, A. Charged compact objects by e-MGD approach PHYSICA SCRIPTA 98 1 n/a 2023 10.1088/1402-4896/aca5c1	Cs. Básicas	Física
23	Borquez, Claudio; Droguett, Byron Casimir effect in 2+1 Horava gravity PHYSICS LETTERS B 844 n/a n/a 2023 10.1016/j.physletb.2023.138096	Cs. Básicas	Física
24	Castillo, Jaime S.; Gaete, Katherine P.; Munoz, Hector A.; Gallardo, Diego I.; Bourguignon, Marcelo; Venegas, Osvaldo; Gomez, Hector W. Scale Mixture of Maxwell-Boltzmann Distribution MATHEMATICS 11 3 n/a 2023 10.3390/math11030529	Cs. Básicas	Matemáticas
25	Castillo, Jaime S.; Rojas, Mario A.; Reyes, Jimmy A More Flexible Extension of the Frechet Distribution Based on the Incomplete Gamma Function and Applications SYMMETRY-BASEL 15 8 n/a 2023 10.3390/sym15081608	Cs. Básicas	Matemáticas
26	Duarte, Juan; Martínez-Florez, Guillermo; Gallardo, Diego Ignacio; Venegas, Osvaldo; Gomez, Hector W. A Bimodal Extension of the Epsilon-Skew-Normal Model MATHEMATICS 11 3 n/a 2023 10.3390/math11030507	Cs. Básicas	Matemáticas
27	Gomez-Deniz, Emilio; Venegas, Osvaldo; Gomez, Hector W. Beyond the lognormal distribution with properties and applications BRAZILIAN JOURNAL OF PROBABILITY AND STATISTICS 37 2 263-281 2023 10.1214/22-BJP546	Cs. Básicas	Matemáticas
28	Mallea-Zepeda, Exequiel; Medina, Luis Control Problem Related to a 2D Parabolic-Elliptic Chemo-Repulsion System with Nonlinear Production SYMMETRY-BASEL 15 10 n/a 2023 10.3390/sym15101949	Cs. Básicas	Matemáticas
29	Pasten, G.; Rojo, O. The generalized adjacency-distance matrix of connected graphs LINEAR & MULTILINEAR ALGEBRA n/a n/a n/a 2023 10.1080/03081087.2023.2198756	Cs. Básicas	Matemáticas
30	Ahsan-ul-Haq, Muhammad; Aldahlan, Maha Z.; Zafar, Javeria A.; Gomez, Hector W.; Affiy, Ahmed; Mahran, Hisham A new cubic transmuted power-function distribution: Properties, inference, and applications PLOS ONE 18 2 n/a 2023 10.1371/journal.pone.0281419	Cs. Básicas	Matemáticas
31	Reyes, Jimmy; Rojas, Mario A.; Cortes, Pedro L.; Arrue, Jaime A New More Flexible Class of Distributions on (0,1): Properties and Applications to Univariate Data and Quantile Regression SYMMETRY-BASEL 15 2 n/a 2023 10.3390/sym15020267	Cs. Básicas	Matemáticas
32	Varela, Hector; Rojas, Mario A. A.; Reyes, Jimmy; Iriarte, Yuri A. An Alternative Lambert-Type Distribution for Bounded Data MATHEMATICS 11 3 n/a 2023 10.3390/math11030667	Cs. Básicas	Matemáticas
33	Alvarez, M. A.; Rosales-Gomez, J. On S-expansions and other transformations of Lie algebras JOURNAL OF PHYSICS A-MATHEMATICAL AND THEORETICAL 56 23 n/a 2023 10.1088/1751-8121/acd1c5	Cs. Básicas	Matemáticas
34	Alvarez, Maria Alejandra; Rodriguez-Vallarte, Maria del Carmen; Salgado, Gil Characterization of contact Lie superalgebras JOURNAL OF GEOMETRY AND PHYSICS 196 n/a n/a 2023 10.1016/j.geomphys.2023.105058	Cs. Básicas	Matemáticas
35	Andrade, Enide; Lenes, Eber; Pizarro, Pamela; Robbiano, Maria; Rodriguez, Jonnathan On spectral invariants of the α -mixed adjacency matrix DISCRETE APPLIED MATHEMATICS 343 n/a 300-327 2023 10.1016/j.dam.2023.11.010	Cs. Básicas	Matemáticas
36	Cordisco, Estefania; Simirgiotis, Mario J.; Borquez, Jorge; Bortolato, Santiago; Sortino, Maximiliano A.; Svetaz, Laura A. Combined Antifungal Effect of Plant Extracts and Itraconazole Against Candida albicans REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY 34 1 102-110 2023 10.1007/s43450-023-00465-9	Cs. Básicas	Química
37	Delgado, Ercel; Fonseca, Jose L.; Mora, Asiloe J.; Bruno-Colmenarez, Julia; Chacon, Cecilia; Marroquin, Gustavo; Cisterna, Jonathan; Brito, Ivan Crystal structure, hydrogen bond patterns, Hirshfeld surface analysis, and topological studies (NCI) of 1,5,5-trimethyl-imidazolidine-2,4-dione; an organic compound with high symmetry crystallizing in the tetragonal space group I4/m JOURNAL OF MOLECULAR STRUCTURE 1299 n/a n/a 2023 10.1016/j.molstruc.2023.137205	Cs. Básicas	Química
38	Diaz, Carmen E. E.; Fraga, Braulio M. M.; Portero, Adriana G.; Brito, Ivan; Lopez-Balboa, Carmen; Ruiz-Vasquez, Liliana; Gonzalez-Coloma, Azucena Insect Antifeedant Benzofurans from Pericallis Species MOLECULES 28 3 n/a 2023 10.3390/molecules28030975	Cs. Básicas	Química
39	Escobar, Karen; Carrera, Ignacio; Naveas, Nelson; Pulido, Ruth; Manso, Miguel; Guarnieri, Joao Paulo de Oliveira; Lancellotti, Marcelo; Cotta, Monica A.; Corrales-Urena, Yendry Regina; Rischka, Klaus; Hernandez-Montelongo, Jacobo Functionalization of breast implants by cyclodextrin in-situ polymerization: a local drug delivery system for augmentation mammoplasty FRONTIERS IN BIOENGINEERING AND BIOTECHNOLOGY 11 n/a n/a 2023 10.3389/fbioe.2023.1254299	Cs. Básicas	Química
40	Escobar, Karen; Garrido-Miranda, Karla A.; Pulido, Ruth; Naveas, Nelson; Manso-Silvan, Miguel; Hernandez-Montelongo, Jacobo Coatings of Cyclodextrin/Citric-Acid Biopolymer as Drug Delivery Systems: A Review PHARMACEUTICS 15 1 n/a 2023 10.3390/pharmaceutics15010296	Cs. Básicas	Química
41	Herrera-Canche, Stephanie Guadalupe; Sanchez-Gonzalez, Monica Noel; Molina-Salinas, Gloria Maria; Loyola, Luis A.; Borquez, Jorge; Pena-Rodriguez, Luis Manuel Microbial Transformation of Azorellane and Mulinane Diterpenoids REVISTA BRASILEIRA DE FARMACOGNOSIA-BRAZILIAN JOURNAL OF PHARMACOGNOSY 33 2 438-442 2023 10.1007/s43450-023-00364-z	Cs. Básicas	Química
42	Llanos, J.; Espinoza, D.; Brito, I.; Vega, M.; Martin, I. R. Polymorphism and up-conversion photoluminescence properties of Y2WO6 doped with Yb³⁺⁻J^{SUP>} under excitation at 975 nm JOURNAL OF LUMINESCENCE 263 n/a n/a 2023 10.1016/j.jlumin.2023.120088	Cs. Básicas	Química

43	Murillo, Maria; Garcia-Hernan, Andrea; Lopez, Jesus; Perles, Josefina; Brito, Ivan; Amo-Ochoa, Pilar The flexibility of Cu chains and the functionality of pyrazine-2-thiocarbamide keys to obtaining new Cu(I)-I coordination polymers with potential use as photocatalysts for organic dye degradation CATALYSIS TODAY 418 n/a n/a 2023 10.1016/j.cattod.2023.114072	Cs. Básicas	Química
44	Navarro, Natali; Nunez, Claudia; Espinoza, Dario; Gallardo, Karem; Brito, Ivan; Castillo, Rodrigo Synthesis, Characterization, and Photoelectric and Electrochemical Behavior of [CH3NH3]2Zn1-xCoxBr4 Perovskites INORGANIC CHEMISTRY n/a n/a n/a 2023 10.1021/acs.inorgchem.3c02574	Cs. Básicas	Química
45	Polo-Cuadrado, Efrain; Ferrer, Karol; Osorio, Edison; Brito, Ivan; Cisterna, Jonathan; Espinoza, Luis; Alderete, Joel B.; Gutierrez, Margarita Piperonal chalcone derivative incorporating the pyrazolo[3,4-b]pyridine moiety; crystal structure, spectroscopic characterization and quantum chemical investigations RSC ADVANCES 13 8 5197-5207 2023 10.1039/d2ra08101f	Cs. Básicas	Química
46	Polo-Cuadrado, Efrain; Lopez-Cuellar, Lorena; Acosta-Quiroga, Karen; Rojas-Pena, Cristian; Brito, Ivan; Cisterna, Jonathan; Trilleras, Jorge; Alderete, Joel B.; Duarte, Yorley; Gutierrez, Margarita Comprehensive analysis of crystal structure, spectroscopic properties, quantum chemical insights, and molecular docking studies of two pyrazolopyridine compounds: potential anticancer agents RSC ADVANCES 13 43 30118-30128 2023 10.1039/d3ra04874h	Cs. Básicas	Química
47	Rajendran, Satheeshkumar; Montecinos, Rodrigo; Cisterna, Jonathan; Prabha, Kolandaivel; Prasad, Karnam Jayarampillai Rajendra; Palakurthi, Sushesh Srivatsa; Aljabali, Alaa A. A.; Naikoo, Gowhar A.; Mishra, Vijay; Acevedo, Roberto; Sayin, Koray; Charbe, Nitin Bharat; Tambuwala, Murtaza M. Enhanced Method for the Synthesis and Comprehensive Characterization of 1-(4-Phenylquinolin-2-yl)propan-1-one ACS OMEGA 8 46 43573-43585 2023 10.1021/acsomega.3c04360	Cs. Básicas	Química
48	Narea, Pilar; Hernandez, Benjamin; Cisterna, Jonathan; Cardenas, Alejandro; Amo-Ochoa, Pilar; Zamora, Felix; Delgado, Gerzon E.; Llanos, Jaime; Brito, Ivan The Methylene Spacer Matters: The Structural and Luminescent Effects of Positional Isomerism of n-Methylpyridyl(triazole Carboxylate Semi-Rigid Ligands in the Structure of Zn(II) Based Coordination Polymers POLYMERS 15 4 n/a 2023 10.3390/polym15040888	Cs. Básicas	Química - Física
49	Ramos, Lucía Cuesta; Palacios, Javier; Barrientos, Ruth E.; Gomez, Jessica; Castagnini, Juan Manuel; Barba, Francisco J.; Tapia, Alejandro; Paredes, Adrian; Cifuentes, Fredi; Simigliotti, Mario J. UHPLC-MS Phenolic Fingerprinting, Aorta Endothelium Relaxation Effect, Antioxidant, and Enzyme Inhibition Activities of Azara dentata Ruiz & Pav Berries FOODS 12 3 n/a 2023 10.3390/foods12030643	Cs. Básicas / VRIIP	Química / Inst. Antofagasta
50	Yuri, Gabriela; Sanhueza, Sofia; Paredes, Adrian; Morales, Glauco; Cifuentes, Mariana; Ormazabal, Paulina Deleterious liver-adipose crosstalk in obesity: Hydroethanolic extract of Lampaya medicinalis Phil. (Verbenaceae) counteracts fatty acid-induced fibrotic marker expression in human hepatocytes MOLECULAR AND CELLULAR ENDOCRINOLOGY 564 n/a n/a 2023 10.1016/j.mce.2023.111882	Cs. Básicas / VRIIP	Química / Inst. Antofagasta
51	Vargas, Fabian; Nelson, Ronald; Espinoza, Dario; Brito, Ivan; Sanchez-Munoz, Laura; Alemany, Pere; Ortiz, Sergio; Ferrada, Pablo; Mestra, Alfihers; Llanos, Jaime Enhancing c-Si Solar Cell Efficiency in the UV Region: Photophysical Insights into the Use of Eu³⁺/SUP> Complexes for Down-Shifting Layer Applications MOLECULES 28 23 n/a 2023 10.3390/molecules28237924	Cs. Básicas / Ingeniería	Química / Centro de Desarrollo Energético
52	Astudillo-Barraza, David; Osos, Romulo; Henriquez-Castillo, Carlos; Vui Ling Wong, Clemente Michael; Perez-Donoso, Jose M.; Purcarea, Cristina; Fukumasu, Heidge; Fierro-Vasquez, Natalia; Perez, Pablo A. A.; Lavin, Paris Apoptotic Induction in Human Cancer Cell Lines by Antimicrobial Compounds from Antarctic Streptomyces fildesensis (INACH3013) FERMENTATION-BASEL 9 2 n/a 2023 10.3390/fermentation9020129	Cs. del Mar y Rec. Biológicos	Biología
53	Ramirez, Andrea Corona; Bregnard, Danae; Junier, Thomas; Cailleau, Guillaume; Dorador, Cristina; Bindschedler, Saskia; Junier, Pilar Assessment of fungal spores and spore-like diversity in environmental samples by targeted lysis BMC MICROBIOLOGY 23 1 n/a 2023 10.1186/s12866-023-02809-w	Cs. del Mar y Rec. Biológicos	Biología
54	Teoh, C. P.; Lavin, P.; Gonzalez-Aravena, M.; Wong, C. M. V. L. Genomic Analysis of a Novel Antarctic Bacterium, Cryobacterium sp. SO2 Provides Insights into its Genomic Potential for Production of Antimicrobial Compounds SAINS MALAYSIANA 52 7 1955-1966 2023 10.17576/jsm-2023-5207-05	Cs. del Mar y Rec. Biológicos	Biología
55	Teoh, C. P.; Lavin, P.; Yusof, N. A.; Gonzalez-Aravena, M.; Najimudin, N.; Cheah, Y. K.; Wong, C. M. V. L. Transcriptomics analysis provides insights into the heat adaptation strategies of an Antarctic bacterium, Cryobacterium sp. SO1 POLAR BIOLOGY 46 3 185-197 2023 10.1007/s00300-023-03115-x	Cs. del Mar y Rec. Biológicos	Biología
56	Teoh, Chui Peng; Gonzalez-Aravena, Marcelo; Lavin, Paris; Wong, Clemente Michael Vui Ling Cold adaptation and response genes of Antarctic Cryobacterium sp. SO2 from the Fildes Peninsula, King George Island POLAR BIOLOGY 47 2 135-156 2023 10.1007/s00300-023-03213-w	Cs. del Mar y Rec. Biológicos	Biología
57	Yong, Sheau Ting; Lavin, Paris Leonardo; Gonzalez, Marcelo Aravena; Wong, Clemente Michael Vui Ling A Talaromyces Fungal Species with Strong Antimicrobial Activity from Deception Island, Antarctica SAINS MALAYSIANA 52 1 83-93 2023 10.17576/jsm-2023-5201-07	Cs. del Mar y Rec. Biológicos	Biología
58	Zuniga-Barra, Hector; Ortega-Martinez, Eduardo; Toledo-Alarcon, Javiera; Torres-Aravena, Alvaro; Jorquera, Lorena; Rivas, Mariella; Jeison, David Potential Use of Microbially Induced Calcite Precipitation for the Biocementation of Mine Tailings MINERALS 13 4 n/a 2023 10.3390/min13040506	Cs. del Mar y Rec. Biológicos	Biología
59	Le Corre, Nicole; Abarca, Katia; Astudillo, Patricia; Potin, Marcela; Lopez, Sofia; Goldsack, Macarena; Valenzuela, Vania; Schilling, Andrea; Gaete, Victoria; Rubio, Lilian; Calvo, Mario; Twele, Loreto; Gonzalez, Marcela; Fuentes, Daniela; Gutierrez, Valentina; Reyes, Felipe; Tapia, Lorena I.; Villena, Rodolfo; Retamal-Diaz, Angello; Cardenas, Antonio; Alarcon-Bustamante, Eduardo; Meng, Xing; Xin, Qianqian; Gonzalez-Aramundiz, Jose V.; Alvarez-Figueroa, Maria Javiera; Gonzalez, Pablo A.; Bueno, Susan M.; Soto, Jorge A.; Perret, Cecilia; Kalerigis, Alexis M. Different Safety Pattern of an Inactivated SARS-CoV-2 Vaccine (CoronaVac*) According to Age Group in a Pediatric Population from 3 to 17 Years Old, in an Open-Label Study in Chile VACCINES 11 10 n/a 2023 10.3390/vaccines11101526	Cs. del Mar y Rec. Biológicos / Cs. Médicas y Odontología	Biología / Cs. Médicas
60	Mata, Maria Teresa; Cameron, Henry; Avalos, Vladimir; Riquelme, Carlos; Toth, Szilvia Z. Identification and Characterization of a Novel Microalgal Strain from the Antofagasta Coast Tetraselmis marina AC16-MESO (Chlorophyta) for Biotechnological Applications PLANTS-BASEL 12 19 n/a 2023 10.3390/plants12193372	Cs. del Mar y Rec. Biológicos	Biología / Centro de Bioinnovación
61	Cruz-Balladares, Victoria; Avalos, Vladimir; Vera-Villalobos, Hernan; Cameron, Henry; Gonzalez, Leonel; Leyton, Yanett; Riquelme, Carlos Identification of a Shewanella halifaxensis Strain with Algicidal Effects on Red Tide Dinoflagellate Prorocentrum triestinum in Culture MARINE DRUGS 21 9 n/a 2023 10.3390/md21090501	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación
62	Diaz-MacAadoo, Daniela; Nagai, Satoshi; Mata, Maria Teresa; Minei, Ryuhei; Ogura, Atsushi; Riquelme, Carlos Comparative analysis of carotenoid synthesis and transcriptome of a microalga Chlorophyta MCH-35, potential lutein producer, in response to different quality light ALGAL RESEARCH-BIOMASS BIOFUELS AND BIOPRODUCTS 74 n/a n/a 2023 10.1016/j.algal.2023.103206	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación
63	Gajardo, Gonzalo; Moron-Lopez, Jesus; Vergara, Karen; Ueki, Shoko; Guzman, Leonardo; Espinoza-Gonzalez, Oscar; Sandoval, Alondra; Fuenzalida, Gonzalo; Murillo, Alejandro A.; Riquelme, Carlos; Cameron, Henry; Nagai, Satoshi; Maruyama, Fumito; Fujiyoshi, So; Yurimizu, Kyoko; Perera, Ishara; Kawai, Mikihiko; Avila, Andres; Larama, Giovanni; Gonzalez, Mariela A.; Rittling, Joaquin I.; Campos, Marco; Ruiz-Gil, Tay; Duran-Vinet, Benjamin; Acuna, Jacqueline J.; Jorquera, Milko A. The holobiome of marine harmful algal blooms (HABs): A novel ecosystem-based approach for implementing predictive capabilities and managing decisions ENVIRONMENTAL SCIENCE & POLICY 143 n/a 44-54 2023 10.1016/j.envsci.2023.02.012	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación
64	Kaltsidi, Maria P.; Bayer, Ignacia; Mitsi, Christina; Aros, Danilo Potential Use of Chilean Native Species in Vertical Greening Systems SUSTAINABILITY 15 6 n/a 2023 10.3390/su15064944	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación
65	Zadjelovic, Vinko; Wright, Robyn J.; Borsetto, Chiara; Quartey, Jeannette; Cairns, Tyler N.; Langille, Morgan G. I.; Wellington, Elizabeth M. H.; Christie-Olea, Joseph A. Microbial hitchhikers harbouring antimicrobial-resistance genes in the riverine plastisphere MICROBIOME 11 1 n/a 2023 10.1186/s40168-023-01662-3	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación
66	Zadjelovic, Vinko; Wright, Robyn J.; Walker, Tony R.; Avalos, Vladimir; Marin, Paula E.; Christie-Olea, Joseph A.; Riquelme, Carlos Assessing the impact of chronic and acute plastic pollution from construction activities and other anthropogenic sources: A case study from the coast of Antofagasta, Chile MARINE POLLUTION BULLETIN 195 n/a n/a 2023 10.1016/j.marpolbul.2023.115510	Cs. del Mar y Rec. Biológicos / Ingeniería	Centro de Bioinnovación / Ing. Qca. Y Proc. Minerías
67	Vera-Villalobos, Hernan; Cortes-Martinez, Alejandro; Gonzalez-Gutierrez, Alvaro; Zadjelovic, Vinko; Riquelme, Carlos; Silva-Aciare, Fernando Reverse osmosis membranes applied in seawater desalination plants as a source of bacteria with antifouling activity: Isolation, biochemical and molecular characterization ELECTRONIC JOURNAL OF BIOTECHNOLOGY 66 n/a 75-83 2023 10.1016/j.ejbt.2023.09.003	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación / Biología
68	Vera-Villalobos, Hernan; Riquelme, Carlos; Silva-Aciare, Fernando Use of Altermonas sp. N11-LEM Supernatant as a Cleaning Agent for Reverse-Osmosis Membranes (ROMs) from a Desalination Plant in Northern Chile Affected by Biofouling MEMBRANES 13 5 n/a 2023 10.3390/membranes13050454	Cs. del Mar y Rec. Biológicos	Centro de Bioinnovación / Biología
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2	Janet Altamirano Droguett, Melanie Álvarez Álvarez, Constanza Meriño Carrizo, Catalina Olivares Arancibia, Andrea Rivera Aguirre, Gissaela Morales Aguirre. Percepción de estudiantes	Cs. de la Salud	Obstetricia
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