

Publicaciones 2022 Web of Science (WoS), según Journal Citation Reports:

	PUBLICACIÓN	FACULTAD	DEPARTAMENTO
1	Martin, Pablo; Maass, Fernando. Accurate analytic approximation to the Modified Bessel function of Second Kind $K_0(x)$. RESULTS IN PHYSICS. 35, , 105283, , , 2022.10.1016/j.rinp.2022.105283	Cs. Básicas	Física
2	Grez, B.; Ramos-Andrade, J. P.; Juricic, V; Orellana, P. A.. Bound states in the continuum in a two-channel Fano-Anderson model. PHYSICAL REVIEW A. 106, 1, 13719, , , 2022.10.1103/PhysRevA.106.013719	Cs. Básicas	Física
3	Zubair, M.; Ditta, Allah; Waheed, Saira; Tello-Ortiz, Francisco. Class I stars in the background of $f(T, \textit{iota})$ cosmological model. CHINESE JOURNAL OF PHYSICS. 77, , , 1827, 1842, 1842, 2022.10.1016/j.cjph.2021.12.029	Cs. Básicas	Física
4	Leon, P.; Heras, C. Las. Complexity factor of spherically anisotropic polytropes from gravitational decoupling. GENERAL RELATIVITY AND GRAVITATION. 54, 11, 138, , , 2022.10.1007/s10714-022-03031-1	Cs. Básicas	Física
5	del Moral, M. P. Garcia; Heras, C. Las. D-brane description from nontrivial M2-branes. NUCLEAR PHYSICS B. 974, , 115636, , , 2022.10.1016/j.nuclphysb.2021.115636	Cs. Básicas	Física
6	Alvarez, P. D.; Chavez, R. A.; Zanelli, J.. Embedding of rank two supercharges in the superconformal algebra. JOURNAL OF MATHEMATICAL PHYSICS. 63, 4, 42304, , , 2022.10.1063/5.0076985	Cs. Básicas	Física
7	Ovalle, J.; Contreras, E.; Stuchlik, Z.. Energy exchange between relativistic fluids: the polytropic case. EUROPEAN PHYSICAL JOURNAL C. 82, 3, 211, , , 2022.10.1140/epjc/s10052-022-10168-5	Cs. Básicas	Física
8	Bellorin, Jorge; Borquez, Claudio; Droguett, Byron. Cancellation of divergences in the nonprojectable Horava theory. PHYSICAL REVIEW D. 106, 4, 44055, , , 2022.10.1103/PhysRevD.106.044055	Cs. Básicas	Física
9	Agrawal, A. S.; Mishra, B.; Tello-Ortiz, Francisco; Alvarez, A.. $f(R)$ Wormholes Embedded in a Pseudo-Euclidean Space E-5. FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS. 70, 6, 2100177, , , 2022.10.1002/prop.202100177	Cs. Básicas	Física
10	Alvarez, P. D.; Chavez, R. A.; Zanelli, J.. Gauging the superconformal group with a graded dual operator. JOURNAL OF HIGH ENERGY PHYSICS. , 2, 111, , , 2022.10.1007/JHEP02(2022)111	Cs. Básicas	Física
11	Tello-Ortiz, Francisco; Mishra, B.; Alvarez, A.; Singh, Ksh. Newton. Minimally Deformed Wormholes Inspired by Noncommutative Geometry. FORTSCHRITTE DER PHYSIK-PROGRESS OF PHYSICS. , , , , , 2022.10.1002/prop.202200108	Cs. Básicas	Física
12	Caro Perez, Fabian; Gonzalez Avella, Victor; Goyeneche, Dardo. Mutually unbiased frames. QUANTUM. 6, , , , 2022.10.22331/q-2022-10-25-851	Cs. Básicas	Física
13	Alvarez, Pedro D.; Koch, Benjamin; Laporte, Cristobal; Canales, Felipe; Rincon, Angel. Statefinder analysis of scale-dependent cosmology. JOURNAL OF COSMOLOGY AND ASTROPARTICLE PHYSICS. 2022, 10, 71, , , 2022.10.1088/1475-7516/2022/10/071	Cs. Básicas	Física
14	Bellorin, Jorge; Borquez, Claudio; Droguett, Byron. Quantum Lagrangian of the Horava theory and its nonlocalities. PHYSICAL REVIEW D. 105, 2, 24065, , , 2022.10.1103/PhysRevD.105.024065	Cs. Básicas	Física
15	Casadio, Roberto; Giusti, Andrea; Ovalle, Jorge. Quantum Reissner-Nordstrom geometry: Singularity and Cauchy horizon. PHYSICAL REVIEW D. 105, 12, 124026, , , 2022.10.1103/PhysRevD.105.124026	Cs. Básicas	Física
16	Alvarez, P. D.; Garcia, P.; Garcia del Moral, M. P.; Pena, J. M.; Prado, R.. Spinning solutions for the bosonic M2-brane with C_{\pm} fluxes. JOURNAL OF HIGH ENERGY PHYSICS. , 2, 28, , , 2022.10.1007/JHEP02(2022)028	Cs. Básicas	Física
17	Alvarez, Pedro D.; Ortiz, Juan. Spinor solutions of a Chern-Simons model for the superconformal algebra. CLASSICAL AND QUANTUM GRAVITY. 39, 24, 245007, 2022. 10.1088/1361-6382/aca191	Cs. Básicas	Física
18	Ovalle, J.. Warped vacuum energy by black holes. EUROPEAN PHYSICAL JOURNAL C. 82, 2, 170, , , 2022.10.1140/epjc/s10052-022-10094-6; 10.1016/j.physletb.2014.01.041; 10.1063/1.522480	Cs. Básicas	Física
19	Rojas, Mario A.; Iriarte, Yuri A.. A Lindley-Type Distribution for Modeling High-Kurtosis Data. MATHEMATICS. 10, 13, 2240, , , 2022.10.3390/math10132240	Cs. Básicas	Matemáticas
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21	Reyes, Jimmy; Cortes, Pedro L.; Rojas, Mario A.; Arrue, Jaime. A More Flexible Reliability Model Based on the Gompertz Function and the Generalized Integro-Exponential Function. SYMMETRY-BASEL. 14, 6, 1207, , , 2022.10.3390/sym14061207	Cs. Básicas	Matemáticas
22	Afify, Ahmed Z.; Ahsan-ul-Haq, Muhammad; Aljohani, Hassan M.; Alghamdi, Abdulaziz S.; Babar, Ayesha; Gomez, Hector W.. A new one-parameter discrete exponential distribution: Properties, inference, and applications to COVID-19 data. JOURNAL OF KING SAUD UNIVERSITY SCIENCE. 34, 6, 102199, , , 2022.10.1016/j.jksus.2022.102199	Cs. Básicas	Matemáticas

23	Cortes, Isaac E.; Venegas, Osvaldo; Gomez, Hector W.. A Symmetric/Asymmetric Bimodal Extension Based on the Logistic Distribution: Properties, Simulation and Applications. MATHEMATICS. 10, 12, 1968, , , , 2022.10.3390/math10121968	Cs. Básicas	Matemáticas
24	Arrue, Jaime; Arellano-Valle, Reinaldo Boris; Venegas, Osvaldo; Bolfarine, Heleno; Gomez, Hector W.. An Alternative to the Log-Skew-Normal Distribution: Properties, Inference, and an Application to Air Pollutant Concentrations. MATHEMATICS. 10, 22, 4336, , , , 2022.10.3390/math10224336	Cs. Básicas	Matemáticas
25	Boldrini, Jose L.; de Aguiar, Rogerio; Rojas-Medar, Marko A.; Rojas-Medar, Maria D.. An Optimal Control Problem for a Generalized Bioconvective Flow. ACTA APPLICANDAE MATHEMATICAE. 179, 1, 5, , , , 2022.10.1007/s10440-022-00491-0	Cs. Básicas	Matemáticas
26	Gomez-Deniz, Emilio; Calderin-Ojeda, Enrique; Gomez, Hector W.. Asymmetric versus Symmetric Binary Regresion: A New Proposal with Applications. SYMMETRY-BASEL. 14, 4, 733, , , , 2022.10.3390/sym14040733	Cs. Básicas	Matemáticas
27	Arnold, Barry C.; Martinez-Florez, Guillermo; Gomez, Hector W.. Bivariate Proportional Hazard Models: Structure and Inference. SYMMETRY-BASEL. 14, 10, 2073, , , , 2022.10.3390/sym14102073	Cs. Básicas	Matemáticas
28	Medina L., Trigo M.. Bounds on the Reciprocal distance energy and Reciprocal distance Laplacian energies of a graph. Linear and Multilinear Algebra. 70, 16, , 3097, 3118, 3118, 2022.10.1080/03081087.2020.1825607	Cs. Básicas	Matemáticas
29	Santoro, Karol, I; Gomez, Hector J.; Barranco-Chamorro, Inmaculada; Gomez, Hector W.. Extended Half-Power Exponential Distribution with Applications to COVID-19 Data. MATHEMATICS. 10, 6, 942, , , , 2022.10.3390/math10060942	Cs. Básicas	Matemáticas
30	Arela-Perez, S.; Egana, J.; Pasten, G.; Pickmann-Soto, H.. Extremal realization spectra by two acyclic matrices whose graphs are caterpillars. LINEAR & MULTILINEAR ALGEBRA. , , , , , , .10.1080/03081087.2022.2069222	Cs. Básicas	Matemáticas
31	Lenes, Eber; Mallea-Zepeda, Exequiel; Medina, Luis; Rodriguez, Jonnathan. Generalized Randic Estrada Indices of Graphs. MATHEMATICS. 10, 16, 2932, , , , 2022.10.3390/math10162932	Cs. Básicas	Matemáticas
32	Pantaz, Jesica; Rodriguez, Jonnathan. On the Estrada Index of Graphene Graph. POLYCYCLIC AROMATIC COMPOUNDS. , , , , , , 2022.10.1080/10406638.2022.2036779	Cs. Básicas	Matemáticas
33	Andrade, Enide; Bonifacio, Andrea Soares; Robbiano, Maria; Rodriguez, Jonnathan; Tapia, Katherine. Some families of integral mixed graphs. LINEAR ALGEBRA AND ITS APPLICATIONS. 641, , , 48, 66, 66, 2022.10.1016/j.laa.2022.01.022	Cs. Básicas	Matemáticas
34	Gomez-Deniz, Emilio; Calderin-Ojeda, Enrique; Gomez, Hector W.. Symmetric and Asymmetric Distributions: Theoretical Developments and Applications III. SYMMETRY-BASEL. 14, 10, 2143, , , , 2022.10.3390/sym14102143	Cs. Básicas	Matemáticas
35	Alvarez, Maria Alejandra; Fehlberg, Renato; Kaygorodov, Ivan. The algebraic and geometric classification of Zinbiel algebras. JOURNAL OF PURE AND APPLIED ALGEBRA. 226, 11, 107106, , , , 2022.10.1016/j.jpaa.2022.107106	Cs. Básicas	Matemáticas
36	Santoro, Karol, I; Gomez, Hector J.; Gallardo, Diego, I; Barranco-Chamorro, Inmaculada; Gomez, Hector W.. The Extended Half-Skew Normal Distribution. MATHEMATICS. 10, 20, 3740, , , , 2022.10.3390/math10203740	Cs. Básicas	Matemáticas
37	Olmos N.M., Gómez-Déniz E., Venegas O.. The Heavy-Tailed Gleser Model: Properties, Estimation, and Applications. Mathematics. 10, 23, 4577, , , , 2022.10.3390/math10234577	Cs. Básicas	Matemáticas
38	Barrios, Leonardo; Gomez, Yolanda M.; Venegas, Osvaldo; Barranco-Chamorro, Inmaculada; Gomez, Hector W.. The Slashed Power Half-Normal Distribution with Applications. MATHEMATICS. 10, 9, 1528, , , , 2022.10.3390/math10091528	Cs. Básicas	Matemáticas
39	Arela-Perez, S.; Lozano, Charlie; Nina, Hans; Pickmann-Soto, H.. Two Inverse Eigenproblems for Certain Symmetric and Nonsymmetric Pentadiagonal Matrices. MATHEMATICS. 10, 17, 3054, , , , 2022.10.3390/math10173054	Cs. Básicas	Matemáticas
40	Martinez-Florez, Guillermo; Olmos, Neveka M.; Venegas, Osvaldo. Unit-bimodal Birnbaum-Saunders distribution with applications. COMMUNICATIONS IN STATISTICS-SIMULATION AND COMPUTATION. 2022. 10.1080/03610918.2022.2069260	Cs. Básicas	Matemáticas
41	Martínez-Flórez G., Martínez E., Tovar-Falón R., Gómez H.W.. A family of bimodal distributions generated by distributions with positive support. Journal of Applied Statistics. 49, 14, , 3614, 3637, 3637, 2022.10.1080/02664763.2021.1959527	Cs. Básicas	Matemáticas
42	Martínez-Flórez G., Barrera-Causil C., Venegas O., Bolfarine H., Gómez H.W.. A New Family of Distributions Based on Proportional Hazards. Mathematics. 10, 3, 378, , , , 2022.10.3390/math10030378	Cs. Básicas	Matemáticas
43	Jahanbani A., Taghi Karimi A., Rodriguez J.. Results on the Estrada Indices of Benzenoid Hydrocarbons. Polycyclic Aromatic Compounds. 42, 5, , 2013, 2030, 2030, 2022.10.1080/10406638.2020.1823860	Cs. Básicas	Matemáticas
44	Reyes J., Arrué J., Venegas O., Gómez H.W.. The modified slash Lindley-Weibull distribution with applications to nutrition data. Journal of Applied Statistics. 49, 16, , 4206, 4224, 4224, 2022.10.1080/02664763.2021.1975661	Cs. Básicas	Matemáticas

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46	Polo-Cuadrado, Efrain; Rojas-Pena, Cristian; Acosta-Quiroga, Karen; Camargo-Ayala, Lorena; Brito, Ivan; Cisterna, Jonathan; Moncada, Felix; Trilleras, Jorge; Rodriguez-Nunez, Yeray A.; Gutierrez, Margarita. Design, synthesis, theoretical study, antioxidant, and anticholinesterase activities of new pyrazolo-fused phenanthrolines. RSC ADVANCES. 12, 51, , 33032, 33048, 33048, 2022.10.1039/d2ra05532e	Cs. Básicas	Química
47	Cortes, Carmen; Gonzalez-Cabrera, Diego A.; Barrientos, Ruth; Parra, Claudio; Romero-Parra, Javier; Pertino, Mariano Walter; Areche, Carlos; Sepulveda, Beatriz; Borquez, Jorge; Torres-Benitez, Alfredo; Simirgiotis, Mario J.. Phenolic Profile, Antioxidant and Enzyme Inhibition Properties of the Chilean Endemic Plant Ovidia pillopillo (Gay) Meissner (Thymelaeaceae). METABOLITES. 12, 2, 90, , , , 2022.10.3390/metabo12020090	Cs. Básicas	Química
48	Sanchez, Patricio; Salas, Cristian O.; Gallardo-Fuentes, Sebastian; Villegas, Alondra; Veloso, Nicolas; Honores, Jessica; Inman, Martyn; Isaacs, Mauricio; Contreras, Renato; Moody, Christopher J.; Cisterna, Jonathan; Brito, Ivan; Tapia, Ricardo A.. Phenoxy- and Phenylamino-Heterocyclic Quinones: Synthesis and Preliminary Anti-Pancreatic Cancer Activity. CHEMISTRY & BIODIVERSITY. 19, 6, e202101036, , , , 2022.10.1002/cbdv.202101036	Cs. Básicas	Química
49	Grima-Gallardo, P.; Palmera, M.; Aitken, J. A.; Cisterna, J.; Brito, I.; Delgado, G. E.. Preparation, thermal analysis, and crystal structure refinement of the quaternary alloy (CuIn)(2)NbTe5. REVISTA MEXICANA DE FISICA. 68, 1, 10502, , , , 2022.10.31349/RevMexFis.68.010502	Cs. Básicas	Química
50	Polo-Cuadrado, Efrain; Ferrer, Karoll; Forero-Doria, Oscar; Morales-Bayuelo, Alejandro; Brito, Ivan; Cisterna, Jonathan; Espinoza, Luis; Sanchez-Marquez, Jesus; Gutierrez, Margarita. Single crystal structure, thermal stability and theoretical studies of ethyl 4-(4-(dimethylamino)phenyl)-3,6-dimethyl-1-phenyl-1 H-pyrazolo[3,4-b]pyridine-5-carboxylate. JOURNAL OF MOLECULAR STRUCTURE. 1260, , 132826, 2022.10.1016/j.molstruc.2022.132826	Cs. Básicas	Química
51	Delgado, Gerzon E.; Chacon, Cecilia; Marroquin, Gustavo; Cisterna, Jonathan; Brito, Ivan. X-ray powder diffraction data for the second and third polymorphs of 1-methylhydantoin. POWDER DIFFRACTION. 37, 2, PII S0885715622000136, 108, 114, 114, 2022.10.1017/S0885715622000136	Cs. Básicas	Química
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53	Delgado G.E., Mora A.J., Narea P., Chacón C., Marroquin G., Hernández B., Cisterna J., Brito I.. Synthesis, crystal structure, hydrogen bond patterns and Hirshfeld surface analysis of (S)-5-(4-hydroxybenzyl)-imidazolidine-2,4-dione. Journal of Molecular Structure. 1250, , 131757, , , , 2022.10.1016/j.molstruc.2021.131757	Cs. Básicas	Química
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56	Hernandez, Benjamin; Narea, Pilar; Espinoza, Dario; Navarrete, Angelica; Aguirre, Gerardo; Delgado, Gerzon E.; Cardenas, Alejandro; Brito, Ivan; Cisterna, Jonathan. Novel Zn(II) and Cd(II) coordination polymers derived from 1,2,3-triazole-1,3-diketone ligand. Syntheses and structural, thermal, computational, and luminescent studies. JOURNAL OF SOLID STATE CHEMISTRY. 312, , 123156, , , , 2022.10.1016/j.jssc.2022.123156	Cs. Básicas	Química; Física
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59	Castro-Romero, Raul; Montes, Martin Miguel; Martorelli, Sergio. Maxi clavella and Praeclavella (Siphonostomatoida: Lernaepodidae) new genera confirmed by molecular and morphological evidence. ANAIS DA ACADEMIA BRASILEIRA DE CIENCIAS. 94, 4, e2020092, , , , 2022.10.1590/0001-376520220200992	Cs. Del Mar y Rec. Biológicos	Cs. Acuáticas y Ambientales

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61	Montes M.M., Castro-Romero R., Öktener A., Balcazar D., Cardarella G.F.R., Martorelli S.. Molecular evidence supports the validity of three <i>Parabrachiella</i> species infecting mugilids. Acta Tropica. 225, , 106211, , , , 2022.10.1016/j.actatropica.2021.106211	Cs. Del Mar y Rec. Biológicos	Cs. Acuáticas y Ambientales
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