

ARTÍCULOS PUBLICADOS					
No.	TÍTULO	AUTORES	NOMBRE DE LA REVISTA	PÁGINAS	FACTOR DE IMPACTO
1	Correlations between the stellar, planetary, and debris components of exoplanet systems observed by Herschel	Marshall, J. P., Moro-Martín, A., Eiroa, C., Kennedy, G., Mora, A., Sibthorpe, B., Lestrade, J.-F., Maldonado, J., Sanz-Forcada, J., Wyatt, M. C., Matthews, B., Horner, J., Montesinos, B., Bryden, G., del Burgo, C., Greaves, J. S., Ivison, R. J., Meeus, G., Olofsson, G., Pilbratt, G. L., White, G. J.	Astronomy & Astrophysics	15	4.479
2	Potential multi-component structure of the debris disk around HIP 17439 revealed by Herschel/DUNES	Ertel, S., Marshall, J. P., Augereau, J.-C., Krivov, A. V., Löhne, T., Eiroa, C., Mora, A., del Burgo, C., Montesinos, B., Bryden, G., Danchi, W., Kirchschrager, F., Liseau, R., Maldonado, J., Pilbratt, G. L., Schüppler, C., Thébault, P., White, G. J., Wolf, S.	Astronomy & Astrophysics	114	4.479
3	The effects of spatial resolution on integral field spectrograph surveys at different redshifts - The CALIFA perspective	Mast, D., Rosales-Ortega, F. F., Sanchez, S. F., Víchez, J. M., Iglesias-Paramo, J., Walcher, C. J., Husemann, B., Márquez, I., Marino, R. A., Kennicutt, R. C., Monreal-Ibero, A., Galbany, L., de Lorenzo-Cáceres, A., Mendez-Abreu, J., Kehrig, C., del Olmo, A., Relaño, M., Wisotzki, L., Mármol-Queraltó, E., Bekeraité S., Papaderos, P., Wild, V., Aguerri, J. A. L., Falcón-Barroso, J., Bomans, D. J., Ziegler, B., García-Lorenzo, B., Bland-Hawthorn, J., López-Sánchez, A. R., van de Ven, G.	Astronomy & Astrophysics	129	4.479
4	Accurate classification of 75 counterparts of objects detected in the 54-month Palermo Swift/BAT hard X-ray catalogue	Parisi, P., Masetti, N., Rojas, A. F., Jiménez-Bailón, E., Chavushyan, V., Palazzi, E., Bassani, L., Bazzano, A., Bird, A. J., Galaz, G., Minniti, D., Morelli, L., Ubertini, P.	Astronomy & Astrophysics	67	4.479
5	Can eccentric debris disks be long-lived?. A first numerical investigation and application to ζ Reticuli	Faramaz, V., Beust, H., Thébault, P., Augereau, J.-C., Bonsor, A., del Burgo, C., Ertel, S., Marshall, J. P., Milli, J., Montesinos, B., Mora, A., Bryden, G., Danchi, W., Eiroa, C., White, G. J., Wolf, S.	Astronomy & Astrophysics	72	4.479
6	A characteristic oxygen abundance gradient in galaxy disks unveiled with CALIFA	Sánchez, S. F., Rosales-Ortega, F. F., Iglesias-Paramo, J., Mollá, M., Barrera-Ballesteros, J., Marino, R. A., Pérez, E., Sánchez-Blazquez, P., González Delgado, R., Cid Fernandes, R., de Lorenzo-Cáceres, A., Mendez-Abreu, J., Galbany, L., Falcón-Barroso, J., Miralles-Caballero, D., Husemann, B., García-Benito, R., Mast, D., Walcher, C. J., Gil de Paz, A., García-Lorenzo, B., Jungwiert, B., Víchez, J. M., Jánková, L., Lyubenova, M., Cortijo-Ferrero, C., Díaz, A. I., Wisotzki, L., Márquez, I., Bland-Hawthorn, J., Ellis, S., van de Ven, G., Jahnke, K., Papaderos, P., Gomes, J. M., Mendoza, M. A., López-Sánchez, A. R.	Astronomy & Astrophysics	49	4.479

7	How dusty is α Centauri?. Excess or non-excess over the infrared photospheres of main-sequence stars	Wiegert, J., Liseau, R., Thébault, P., Olofsson, G., Mora, A., Bryden, G., Marshall, J. P., Eiroa, C., Montesinos, B., Ardila, D., Augereau, J. C., Bayo Aran, A., Danchi, W. C., del Burgo, C., Ertel, S., Fridlund, M. C. W., Hajigholi, M., Krivov, A. V., Pilbratt, G. L., Roberge, A., White, G. J., Wolf, S.	Astronomy & Astrophysics	102	4.479
8	Fossil group origins. III. The relation between optical and X-ray luminosities	Girardi, M., Aguerri, J. A. L., De Grandi, S., D'Onghia, E., Barrena, R., Boschín, W., Méndez-Abreu, J., Sánchez-Janssen, R., Zarattini, S., Biviano, A., Castro-Rodríguez, N., Corsini, E. M., del Burgo, C., Iglesias-Páramo, J., Vilchez, J. M.	Astronomy & Astrophysics	115	4.479
9	A Spitzer-IRS view of early-type galaxies with cuspy/core nuclei and fast/slow rotation	Rampazzo, R., Vega, O., Bressan, A., Clemens, M. S., Marino, A., Panuzzo, P.	Astronomy & Astrophysics	50	4.479
10	Two active states of the narrow-line gamma-ray-loud AGN GB 1310+487	Sokolovsky, K. V., Schinzel, F. K., Tanaka, Y. T., Abolmasov, P. K., Angelakis, E., Bulgarelli, A., Carrasco, L., Cenko, S. B., Cheung, C. C., Clubb, K. I., D'Ammando, F., Escande, L., Fegan, S. J., Filippenko, A. V., Finke, J. D., Fuhrmann, L., Fukazawa, Y., Hays, E., Healey, S. E., Ikejiri, Y., Itoh, R., Kawabata, K. S., Komatsu, T., Kovalev, Y. A., Kovalev, Y. Y., Krichbaum, T. P., Larsson, S., Lister, M. L., Lott, B., Max-Moerbeck, W., Nestoras, I., Pittori, C., Pursimo, T., Pushkarev, A. B., Readhead, A. C. S., Recillas, E., Richards, J. L., Riquelme, D., Romani, R. W., Sakimoto, K., Sasada, M., Schmidt, R., Shaw, M. S., Sievers, A., Thompson, D. J., Uemura, M., Ungerechts, H., Vercellone, S., Verrecchia, F., Yamanaka, M., Yoshida, M., Zensus, J. A.	Astronomy & Astrophysics	26	4.479
11	Fossil group origins. IV. Characterization of the sample and observational properties of fossil systems	Zarattini, S., Barrena, R., Girardi, M., Castro-Rodríguez, N., Boschín, W., Aguerri, J. A. L., Méndez-Abreu, J., Sánchez-Janssen, R., Catalán-Torrecilla, C., Corsini, E. M., del Burgo, C., D'Onghia, E., Herrera-Ruiz, N., Iglesias-Páramo, J., Jiménez Bailón, E., Lozada Muñoz, M., Napolitano, N., Vilchez, J. M.	Astronomy & Astrophysics	116	4.479
12	Optical Spectroscopic Observations of γ -Ray Blazar Candidates. I. Preliminary Results	Paggi, A., Milisavljevic, D., Masetti, N., Jiménez-Bailón, E., Chavushyan, V., D'Abrusco, R., Massaro, F., Giroletti, M., Smith, H. A., Margutti, R., Tosti, G., Martínez-Galarza, J. R., Otí-Flóres, H., Landoni, M., Grindlay, J. E., Funk, S.	The Astronomical Journal	112	4.052
13	Non-axisymmetric Structure in the Satellite Dwarf Galaxy NGC 2976: Implications for its Dark/Bright Mass Distribution and Evolution	Valenzuela, O., Hernández-Toledo, H., Cano, M., Puerari, I., Buta, R., Pichardo, B., Groess, R.	The Astronomical Journal	27	4.052
14	Uncovering Periods in Astronomical Time Series With Few Data	Cardona, O., López-Castillo, M. A., Reyes-Muñoz, M.	Astrophysics	146-158	0.556
15	Nuclear Star Formation Activity and Black Hole Accretion in Nearby Seyfert Galaxies	Esquej, P., Alonso-Herrero, A., González-Martín, O., Honig, S. F., Hernán-Caballero, A., Roche, P., Ramos Almeida, C., Mason, R. E., Díaz-Santos, T., Levenson, N. A., Aretxaga, I., Rodríguez Espinosa, J. M., Packham, C.	The Astrophysical Journal	86	14.137
16	Probing the Dark Ages at $z \sim 20$: The SCI-HI 21 cm All-sky Spectrum Experiment	Voytek, T. C., Natarajan, A., Jáuregui García, J. M. (est.) , Peterson, J. B., López-Cruz, O.	The Astrophysical Journal	9	14.137

17	C/O Abundance Ratios, Iron Depletions, and Infrared Dust Features in Galactic Planetary Nebulae	Delgado-Inglada, G., Rodríguez, M.	The Astrophysical Journal	18	14.137
18	On the Impact of Radiation Pressure on the Dynamics and Inner Structure of Dusty Wind-driven Shells	Martínez-González, S. (est.) , Silich, S., Tenorio-Tagle, G.	The Astrophysical Journal	164	14.137
19	Subaru Spectroscopy and Spectral Modeling of Cygnus A	Merlo, M. J., Perlman, E. S., Nikutta, R., Packham, C., Elitzur, M., Imanishi, M., Levenson, N. A., Radoski, J. T., Aretxaga, I.	The Astrophysical Journal	6	14.137
20	Giant Molecular Clouds and Massive Star Formation in the Southern Milky Way	García, P., Bronfman, L., Nyman, L.-Å., Dame, T. M., Luna, A.	The Astrophysical Journal	2	14.137
21	Developing an Advanced Prototype of the Acousto-Optical Radio-Wave Spectrometer for Studying Star Formation in the Milky Way	Shcherbakov, A. S., Luna, A.	International Journal of Astronomy and Astrophysics	128-144	
22	Searching for infrared excesses in Sun-like stars observed by WISE	Cruz-Saenz de Miera (est.) , F., Chavez, M., Bertone, E., Vega, O.	Monthly Notices of the Royal Astronomical Society-MNRAS	391-396	6.28
23	PPAK Wide field Integral Field Spectroscopy of NGC 628 - III. Stellar population properties	Sánchez-Blázquez, P., Rosales-Ortega, F., Diaz, A., Sánchez, S. F.	Monthly Notices of the Royal Astronomical Society-MNRAS	1534-1548	5.226
24	Multiwavelength observations of the $\hat{\text{r}}^3$ -ray-emitting narrow-line Seyfert 1 PMN J0948+0022 in 2011	4. D'Ammando, F., Larsson, J., Orienti, M., Raiteri, C. M., Angelakis, E., Carramiñana, A., Carrasco, L., Drake, A. J., Fuhrmann, L., Giroletti, M., Hovatta, T., Max-Moerbeck, W., Porras, A., Readhead, A. C. S., Recillas, E., Richards, J. L.	Monthly Notices of the Royal Astronomical Society-MNRAS	3521-3534	5.226
25	Alignment in star-debris disc systems seen by Herschel	Greaves, J. S., Kennedy, G. M., Thureau, N., Eiroa, C., Marshall, J. P., Maldonado, J., Matthews, B. C., Olofsson, G., Barlow, M. J., Moro-Martín, A., Sibthorpe, B., Absil, O., Ardila, D. R., Booth, M., Broekhoven-Fiene, H., Brown, D. J. A., Cameron, A. C., del Burgo, C., Di Francesco, J., Eisloffel, J., Duchêne, G., Ertel, S., Holland, W. S., Horner, J., Kalas, P., Kavelaars, J. J., Lestrade, J.-F., Vican, L., Wilner, D. J., Wolf, S., Wyatt, M. C.	Monthly Notices of the Royal Astronomical Society-MNRAS	31-35	5.226
26	Spectroscopic signatures of youth in low-mass kinematic candidates of young moving groups	Gálvez-Ortiz, M. C., Kuznetsov, M. (est.) , Clarke, J. R. A., Pavlenko, Y. V., Folkes, S. L., Pinfield, D. J., Jones, H. R. A., Jenkins, J. S., Barnes, J. R., Burningham, B., Day-Jones, A. C., Martín, E. L., García Pérez, A. E., del Burgo, C., Pokorny, R. S.	Monthly Notices of the Royal Astronomical Society-MNRAS	3890-3907	5.226
27	Investigating the sensitivity of observed spectral energy distributions to clumpy torus properties in Seyfert galaxies	Ramos Almeida, C., Alonso-Herrero, A., Levenson, N. A., Asensio Ramos, A., Rodríguez Espinosa, J. M., González-Martín, O., Packham, C., Martínez, M. (est.)	Monthly Notices of the Royal Astronomical Society-MNRAS	3847-3859	5.226

28	Ionizing stellar population in the disc of NGC 3310 I. The impact of a minor merger on galaxy evolution	Miralles-Caballero, D., Díaz, A. I., Rosales-Ortega, F. F., Pérez-Montero, E., Sánchez, S. F.	Monthly Notices of the Royal Astronomical Society-MNRAS	2265-2289	5.226
29	AzTEC/ASTE 1.1-mm survey of SSA22: Counterpart identification and photometric redshift survey of submillimetre galaxies	Umehata, H., Tamura, Y., Kohno, K., Hatsukade, B., Scott, K. S., Kubo, M., Yamada, T., Ivison, R. J., Cybulski, R., Aretxaga, I., Austermann, J., Hughes, D. H., Ezawa, H., Hayashino, T., Ikarashi, S., Iono, D., Kawabe, R., Matsuda, Y., Matsuo, H., Nakanishi, K., Oshima, T., Perera, T., Takata, T., Wilson, G. W., Yun, M. S.	Monthly Notices of the Royal Astronomical Society-MNRAS	3462-3478	5.226
30	A study of the ionized gas in Stephan's Quintet from integral field spectroscopy observations	Rodríguez-Baras, M., Rosales-Ortega, F. F., Díaz, A. I., Sánchez, S. F., Pasquali, A.	Monthly Notices of the Royal Astronomical Society-MNRAS	495-508	5.226
31	WTS-2 b: a hot Jupiter orbiting near its tidal destruction radius around a K dwarf	1. Birkby, J. L., Cappetta, M., Cruz, P., Koppenhoefer, J., Ivanyuk, O., Mustill, A. J., Hodgkin, S. T., Pinfield, D. J., Sipőcz, B., Kovács, G., Saglia, R., Pavlenko, Y., Barrado, D., Bayo, A., Campbell, D., Catalan, S., Fossati, L., Gálvez-Ortiz, M.-C., Kenworthy, M., Lillo-Box, J., Martín, E. L., Mislis, D., de Mooij, E. J. W., Nefs, S. V., Snellen, I. A. G., Stoev, H., Zendejas, J., del Burgo, C., Barnes, J., Goulding, N., Haswell, C. A., Kuznetsov, M. (est.), Lodieu, N., Murgas, F., Palle, E., Solano, E., Steele, P., Tata, R.	Monthly Notices of the Royal Astronomical Society-MNRAS	1470-1489	5.226
32	Analysis of the common characteristics of the Hartmann, Ronchi, and Shack-Hartmann tests	Granados-Agustín, F. S., Cardona-Núñez, O., Díaz-Uribe, R., Percino-Zacarias, E., Zárate-Rivera, A. M., Cornejo-Rodríguez, A.	Optik - International Journal for Light and Electron Optics	667-670	0.769
33	Fowler-Nordheim tunneling characterization on poly1-poly2 capacitors for the implementation of analog memories in CMOS 0.5µm technology	E.J. Tinajero-Perez, J.E.Molinar-Solis, R.Z. Garcia-Lozano, Pedro Rosales Quintero, J.M. Rocha-Perez, Alejandro Díaz Sánchez, A. Morales-Acevedo	Advances in Condensed Matter Physics	1_7	
34	HPM method applied to solve the model of calcium stimulated, calcium release mechanism	H. Vazquez-Leal, Luis Hernández Martínez, Y. Khan, V.M. Jimenez-Fernandez, U. Filbello-Nino, A. Diaz-Sanchez, A.L. Herrera-May, R. Castaneda-Sheissa, A. Marin-Hernandez, F. Rabago-Bernal, J. Huerta-Chua, S.F. Hernandez-Machuca	American Journal of Applied Mathematics	29-35	
35	An easy computable approximate solution for a squeezing flow between two infinite plates by using of perturbation method	U. Filobello-Nino, H. Vazquez-Leal, A. Perez-Sesma, J. Cervantes-Perez, V.M. Jimenez-Fernandez, Luis Hernández Martínez, D. Pereyra-Diaz, R. Castañeda-Sheissa, J. Sanchez-Orea, C. Hoyos-Reyes, S. F. Hernandez-Machuca, J. Huerta-Chua, J. L. Rocha-Fernandez, A.D. Contreras-Hernandez, J.M. Mendez-Perez	Applied and Computational Mathematics	29-35	

36	A handy approximation for a mediated bioelectrocatalysis process, related to michaelis-menten equation	Uriel Filobello-Nino, Hector Vazquez-Leal, Brahim Benhammouda, Luis Hernández Martínez, Yasir Khan, Victor M Jimenez-Fernandez, Agustin L Herrera-May, Roberto Castaneda-Sheissa, Domitilo Pereyra-Diaz, Juan Cervantes-Perez, Jose A. Perez-Sesma, Sergio F Hernandez-Machuca and Leticia Cuellar-Hernandez	SpringerPlus		
37	Exploring the infrared-sensing properties of polymorphous silicon-germanium (pm-SixGe:H) thin films	Mario Moreno Moreno, A.Torres, W.Calleja, R. Ambrosio, Pedro Rosales Quintero, Andrey Kosarev, R.Jimenez.	Canadian Journal of Physics	1_5	
38	Lightweight amorphous silicon photovoltaic modules on flexible plastic substrate	Y. Vygranenko, A. Kosropour, A. Sazonov, Andrey Kosarev, A. Abramov, E. Terukov	Canadian Journal of Physics	1_4	
39	Physical and electrical characterization of TiO2 particles after high temperature processing and before and after ultraviolet irradiation	Joel Molina Reyes, C. Zúñiga, M. Moreno, Wilfrido Calleja Arriaga, P. Rosales, R. Ambrosio, F.Javier De la Hidalga Wade, E. Gutiérrez, A. Heredia, E.R. Bandala, J.L. Sánchez	Canadian Journal of Physics		
40	Organic-Inorganic Hybrid thin Films Based in HfO2 nanoparticles as Dielectric for Flexible Electronic	R. Ambrosio, O. Arciniega, A. Carrillo, Mario Moreno Moreno, A. Heredia and C. Martinez	Canadian Journal of Physics		
41	Generalized Chebyshev Filters for the Design of IIR Filters and Filter Banks	A. Fernandez-Vazquez, and Gordana Jovanovic Dolecek	Circuits, Systems and Signal Processing	2237–2250	1.264
42	Automatic On-Die Impedance Matching in Current Mode Off-Chip Signaling	Edgar López-Delgadillo, José A. Díaz Méndez, Miguel A. García-Andrade, Rubén Vázquez-Medina and Marco A. Gurrola-Navarro	Circuits, Systems, and Signal Processing	2237–2251	1.264
43	Improved spherical continuation algorithm with application to the double bounded homotopy (dbh)	Delia Torres Muñoz , Héctor Vázquez Leal, Luis Hernández Martínez and Arturo Sarmiento Reyes	Computational and Applied Mathematics	147-161	
44	Skew Violation Verification in Digital Interconnect Signals Based on Signal Addition	Víctor Champac Vilela, Hector Villacorta , Joan Figueras	Electronics Express	1_12	0.391
45	Parameter determination for transmission lines with double periodical capacitive loading	G. Méndez-Jerónimo , Reydezel Torres Torres, G. Romo, and C. Nwachukwu	Electronics Letters	819–821	1.068
46	Using Thin Films of Rutile-Phase TiO2 Nanoparticles as Photoactive Material in Metal-Semiconductor Structures with Low Thermal Processing	Joel Molina Reyes, C. Zúñiga, E. Mendoza, J.L. Sanchez, E. Gutierrez and E.R. Bandala	Energy and Environment Focus	299-306	
47	LC-based Bandpass Continuous-Time Sigma-Delta Modulators with Widely Tunable Notch Frequency	Gerardo Molina Salgado , A. Morgado, Gordana Jovanovic Dolecek, and Jose M.de la Rosa	IEEE Transactions on Circuits and Systems I: Regular papers	1442 – 1455	2.303
48	Experimental Characterization of Frequency-Dependent Series Resistance and Inductance for Ground Shielded On-Chip Interconnects	Diego M. Cortés Hernández , Reydezel TorresTorres, and Mónico Linares Aranda	IEEE Transactions on Electromagnetic Compatibility	1_9	1.351
49	Trigonometrical Approach to Design a Simple Wideband Comb Compensator	Gordana Jovanovic Dolecek and A. Fernandez-Vazquez	International Journal for Electronics and Communications	437–441	0.696
50	Alternative Soft Fault Model of the Cross-Coupling effect correlated at hydroelectric power energy system	C. A. Graciós-Marin, G.A. Muñoz-Hernández, Alejandro Díaz Sánchez, G. Mino Aguilar, F. Guerrero, E. Molina	International Journal of Electrical Power and Energy Systems	274–280	

51	Maximizing Lyapunov Exponents in a Chaotic Oscillator by applying Differential Evolution	Víctor H. Carbajal Gómez , Esteban Tlelo Cuautle, F.V. Fernández, L.G. de la Fraga and C. Sánchez-López	International Journal of Nonlinear Sciences and Numerical Simulation (IJNSNS)	11_17	0.453
52	A revisitation of the Förster energy transfer near a metallic spherical nanoparticle:(1) Efficiency enhancement or reduction? (2) The control of the Förster radius of the unbounded medium. (3) The impact of the local density of states	J. A. Gonzaga-Galeana y Jorge R. Zurita Sánchez	J. Chem. Phys		3.122
53	Quasi-static potential created by an oscillating dipole in the vicinity of two dielectric spheres (dimer): inversion transformation method	Jorge R. Zurita Sánchez y Adrián I. Tec-Chim	J. Opt		2.01
54	Experimental Synchronization of Two Integrated Multi-scroll Chaotic Oscillators	J.M. Muñoz-Pacheco, Esteban Tlelo Cuautle, E. Flore-Tiro, R. Trejo-Guerra	Journal of Applied Research and Technology (JART)	459-470	0.447
55	Performance evaluation of an integrated optoelectronic receiver	A. Vera-Marquina, J. Martínez-Castilo, Ignacio E. Zaldivar Huerta, Alejandro Díaz Sánchez	Journal of Applied Research and Technology (JART)	45-51	0.447
56	Application of a Chaotic Oscillator in an Autonomous Mobile Robot	Tlelo Cuautle, H.C. Ramos-Lopez, M. Sanchez-Sanchez, Ana Dalia Pano Azucena , L.A. Sanchez-Gaspariano, J.C. Nuñez-Perez, J.L. Camas-Anzueto	Journal of Electrical Engineering - Elektrotechnický Casopis	157-162	0.42
57	Low-temperature processing of thin films based on rutile TiO2 nanoparticles for UV photocatalysis and bacteria inactivation	Joel Molina Reyes, J.L. Sanchez, C. Zúñiga, E. Mendoza, R. Cuahcontezi, G. García, E. Gutierrez and E.R. Bandala	Journal of Materials Science	786-793	2.305
58	Dielectric Properties of Beans at Ultra- Wide Band Frequencies	Richard Torrealba-Meléndez, María Elena Sosa-Morales, José Luis Olvera Cervantes, and Alonso Corona Chávez	Journal of Microwave Power and Electromagnetic Energy, a Publication of the International Microwave Power Institute	104-112	
59	Approximations for Large Deflection of a Cantilever Beam Under a Terminal Follower Force and Nonlinear Pendulum	H. Vázquez-Leal, Y. Khan , A.L. Herrera-May, U. Filobello-Nino, Arturo Sarmiento Reyes, V.M. Jiménez-Fernández, D. Pereyra-Díaz, A. Pérez-Sesma, R. Castaneda-Sheissa, Alejandro Díaz Sánchez and J. Huerta-Chua	Mathematical Problems in Engineering Journal		1.082
60	Modified Nonlinearities Distribution Homotopy Perturbation Method as a Tool to find Power Series Solutions to Ordinary Differential Equations	U. Filobello-Nino, H. Vázquez-Leal, Y. Khan, D. Pereyra-Díaz, A.Pérez-Sesma A., Alejandro Díaz Sánchez, V.M. Jiménez-Fernández, A. Herrera-May, R. López-Martínez y J. Sánchez-Orea	Nova Scientia		
61	Microstructural and optical characterization of highly stable nanospheres of crystalline CdS via selective approach	A. L. Leal-Cruz, A. Vera-Marquina, D. Berman-Mendoza, C. VillaVelazquez-Mendoza, Ignacio E. Zaldivar Huerta, L. A. García-Delgado, A. García-Juárez, R. Gomez-Fuentes, and A. G. Rojas-Hernandez	Optical Materials Express	129-141	2.923

62	A software tool to evaluate the frequency response of a microwave photonic filter in MATLAB based on a Graphical User Interface	Ignacio E. Zaldívar Huerta, Alejandro García Juárez, Jorge Rodríguez Asomoza, Gustavo Aguayo Rodríguez	Optik - International Journal for Light and Electron Optics	318-323	0.769
63	High Gain Amplifier with Enhanced Cascoded Compensation	J. Lemus-Lopez, Alejandro Díaz Sánchez, J. Ramirez-Angulo, C. Muñoz-Montero, J. M. Rocha-Pérez	Radioengineering Journal	504-510	0.796
64	Step Length Estimation and Activity Detection in a PDR System Based on a Fuzzy Model with Inertial Sensors	Mariana Ibarra-Bonilla, Ponciano Jorge Escamilla-Ambrosio, Juan Manuel Ramírez Cortés, Jose Rangel Magdaleno, and Pilar Gomez-Gil	Recent Advances on Hybrid Approaches for Designing Intelligent Systems, Springer International Publishing	631-645	
65	Identification of epilepsy seizures using multi-resolution analysis and artificial neural networks	Pilar Gomez-Gil, Ever Juarez-Guerra, Vicente Alarcon-Aquino, Juan Manuel Ramírez Cortés Jose Rangel-Magdaleno	Recent Advances on Hybrid Approaches for Designing Intelligent Systems, Springer International Publishing	337-351	
66	Optimizing the Maximum Lyapunov Exponent and Phase Space Portraits in Multi-Scroll Chaotic Oscillators	Luis G. de la Fraga, Esteban Tlelo Cuautele	Nonlinear Dynamics	1503-1515	2.419
67	Memristance effect of metal-insulator-metal structures using Al ₂ O ₃ film as active layer for emergent memory devices	Joel Molina Reyes, R. Valderrama , Wilfrido Calleja Arriaga, P. Rosales, C. Zúñiga, E. Gutiérrez, J. Hidalgo, and A. Torres	Revista Superficies y Vacío	1_6	
68	A Comparative Study Of Wet And Dry Texturing Processes Of Csi Wafers For The Fabrication Of Solar Cells	Mario Moreno Moreno, Dulce Guadalupe Murias, Javier Martínez , Claudia Reyes Betanzo, Alfonso Torres Jacome, Roberto Ambrosio, Pedro Rosales Quintero, P. Roca i Cabarrocas	Solar Energy	182–191	3.541
69	The Use of Planar Feeds for Solar Radio Observations	J.E. Mendoza-Torres, E. Colín-Beltrán, Alonso Corona Chávez • J.S. Palacios-Fonseca B. Rodríguez-Pedroza • Y.E. Tlatelpa-Osorio • J.C. García-Santos • S. Sánchez-Urrieta	Solar Physics		3.805
70	Planarized Ambipolar a-SiGe:H Thin-Film Transistors: Influence of the sequence of fabrication process	M. Dominguez, Pedro Rosales, Alfonso Torres Jacome, F. Flores, Joel Molina Reyes, Mario Moreno Moreno, J. Luna and A. Orduña	Solid State Electronics	45-50	1.514
71	Modified Taylor series method for solving nonlinear differential equations with mixed boundary conditions defined on finite intervals	Héctor Vázquez Leal , Brahim Benhammouda, U. Filobello-Nino, Arturo Sarmiento Reyes, V.M. Jimenez-Fernandez, A. Marín-Hernandez, A. Herrera-May, A. Díaz-Sanchez and J. Huerta-Chua	SpringerPlus		
72	Optimal Sharpening of Compensated Comb Decimation Filters: Analysis and Design	D. Troncoso, M. Laddomada, Gordana Jovanovic Dolecek	The Scientific World Journal		1.219
73	Modified hyperspheres algorithm to trace homotopy curves of nonlinear circuits composed by piecewise linear modelled devices	Héctor Vázquez Leal, Víctor Manuel Jiménez-Fernández, Brahim Benhammouda, Uriel Filobello-Niño, Arturo Sarmiento-Reyes, Alejandro Ramirez-Pinero, Antonio Marín-Hernandez, and Jesus Huerta-Chua	The Scientific World Journal		1.219
74	Experimental Realization of a Multi-Scroll Chaotic Oscillator with Optimal Maximum Lyapunov Exponent	Esteban Tlelo Cuautele, Ana Dalia Pano Azucena, V. H. Carbajal-Gomez , M. Sanchez-Sanchez	The Scientific World Journal		1.219

75	Effects of germane flow rate in electrical properties of a-SiGe:H films for ambipolar thin-film transistors	M. Dominguez, Pedro Rosales, Alfonso Torres Jacome, Francisco Flores, Joel Molina Reyes, Mario Moreno Moreno, J. Luna and A. Orduña	Thin Solid Films	260-263	1.867
76	Performance of a MOHOS-type Memory using HfO2 Nanoparticles as Charge Trapping Layer and Different Tunneling Oxide Thickness	Joel Molina Reyes, W. Calleja, P. Rosales, C. Zuniga, F.J. Hidalgo and A. Torres	Transactions of the Materials Research Society of Japan	569-572	
77	Comment: A two-level atom in a cavity with a moving mirror	A. Zúñiga-Segundo, H.M. Moya-Cessa	Acta Physica Sinica	6	0.845
78	Characterization of laser generated Lamb waves modes after interaction with a thickness reduction discontinuity using ray tracing theory	A. Balvántin, A. Baltazar, P. Rodriguez	Experimental Mechanics	743-752	1.567
79	Developing an advanced prototype of the acousto-optical radio-wave spectrometer for studying star formation in the Milky Way	A. Shcherbakov, A. Luna Castellanos	International Journal of Astronomy and Astrophysics	128-144	
80	A squeeze-like operator approach to position-dependent mass in quantum mechanics	F. Soto-Eguibar, H.M. Moya-Cessa, D.N. Christodoulides	Journal of Mathematical Physics		1.176
81	New asymmetric propagation invariant beams obtained by amplitude and phase modulation in frequency space	J. Mendoza-Hernández, M. L. Arroyo-Carrasco, M. M. Méndez-Otero, S. Chávez-Cerda, M. D. Iturbe-Castillo	Journal of Modern Optics	S46-S56	1.169
82	Nonlinearity enhancement in rubidium vapor with additional optical pumping	N. Korneev, Y. M. Torres, C. Gutiérrez-Parra , Ortega Resonant	Journal of Modern Optics	1009-1017	1.169
83	Partial polarization in interfered plasmon fields	P. Martínez Vara, M.A. Torres Rodríguez S. I. de los Santos García , J. Muñoz López, G. Martínez Niconoff	Journal of Nanomaterials	1_5	1.611
84	Kinematic of focusing regions	G. Martinez-Niconoff, S. I. De los Santos G. , J -Silva-Barranco, J A Martinez-Martínez, P Martinez-Vara, J C Ramirez-San-Juan	Journal of Optics	1_7	2.01
85	Searching for structure beyond parity in the two-bit Dicke model	B.M. Rodríguez-Lara, S.A. Chilingaryan, H.M. Moya-Cessa	Journal of Physics A	47	
86	Propagation of nonclassical states of light through one-dimensional photonic lattices	B. M. Rodríguez-Lara	Journal of the optical society of america B	878-881	1.806
87	Phase state and related nonlinear coherent states	F. Soto-Eguibar, B. M. Rodríguez-Lara, y H. M. Moya-Cessa	Journal of the optical society of america B	1335-1338	1.806
88	Observation of a high grade of polarization of solitons generated in the process of pulse breakup in a twisted fiber	A. Flores-Rosas, J. I. Peralta-Hernandez, Y. E. Bracamontes-Rodriguez, B. A. Villagomez-Bernabe, G. Beltrán-Pérez, O. Pottiez, B. Ibarra-Escamilla, R. Rojas-Laguna, E. A. Kuzin	Journal of the optical society of america B	821-826	1.806
89	Collinear dissipative weakly coupled acousto-optical states governed by acoustic waves of finite amplitude in a two-mode medium with linear optical losses	A. Shcherbakov, A. O. Arellanes , S. Nemov	Journal of the optical society of america B	953-962	1.806
90	Engineering structured light with optical vortices	Jesús Rogel-Salazar, Juan Pablo Treviño , Sabino Chávez-Cerda	Journal of the optical society of america B	A46-A50	1.806

91	Comparing efficiency and accuracy of the kinoform and the helical axicon as Bessel-Gauss beam generators	Victor Arrizón, Ulises Ruíz, Dilia Aguirre-Olivas , David Sánchez-de-la-Llave, Andrey S. Ostrovsky	Journal Optical Society	487-492	1.448
92	Wide range optofluidically tunable multimode interference fiber laser	J E Antonio-López, J J Sánchez-Mondragón, P LiKamWa, D A May-Arrioja	Laser Physics		1.025
93	Multiphenomena-like pulses from a figure-eight fiber laser in normal dispersion regime	O. Pottiez, B. Ibarra-Escamilla, E. A. Kuzin, J. C. Hernandez-Garcia, A. González-García, M. Duran-Sánchez	Laser Physics		1.025
94	Tunable dual-wavelength actively Q-Switched Er/Yb double-clad fiber laser	M. Durán-Sánchez, E. A. Kuzin, O. Pottiez, B. Ibarra-Escamilla, A. Gonzalez-Garcia, F. Maya-Ordoñez , R. I. Alvarez-Tamayo, A. Flores-Rosas	Laser Physics Letters		2.964
95	Knife edge interferometer	P. Cebrian Xochihuila , N. Korneev, F. S. Granados Agustin, R. Dias Uribe, A. Cornejo Rodríguez	Journal of Physics: Conference Series		
96	Measurements of the forward and backward scattering lobules, in six different Ar and He-Ne laser lines, passing through fog with different densities and fitted with the Henyey-Greenstein phase function	E. Reynoso Lara, G. Serrano Muñoz, J. A. Davila Pintle, M. Rendón Marín, M. D. Iturbe Castillo, C. G. Treviño Palacios	Óptica Pura y Aplicada	13-18	
97	Supercontinuum light source with adjustable spectral width by inducing mechanical stresses in photonic crystal fiber	J. C. Hernandez-Garcia, J. M. Estudillo-Ayala, B. Ibarra-Escamilla, R. Rojas-Laguna, E. A. Kuzin, J. D. Filoteo-Razo, M. Trejo-Duran	Óptica Pura y Aplicada	1_5	
98	A classical simulation of nonlinear Jaynes-Cummings and Rabi models in photonic lattices: reply to comment	B. M. Rodríguez-Lara, A. Zárate Cárdenas , F. Soto-Eguibar, H. M. Moya-Cessa	Optics Express	1784-1786	3.525
99	Jacobi photonic lattices and their SUSY partners	A. Zúñiga-Segundo, B. M. Rodríguez-Lara, D. J. Fernández, H. M. Moya-Cessa	Optics Express	987-994	3.525
100	Simple correction factor for laser speckle imaging of flow dynamics	J. C. Ramirez-San-Juan, R. Ramos-Garcia, G. Martinez-Niconoff, B. Choi	Optics Letters	3	3.179
101	Ermakov-Lewis symmetry in photonic lattices	B. M. Rodríguez-Lara, P. Aleahmad, H. M. Moya-Cessa, D. N. Christodoulides	Optics Letters	39	3.179
102	Electro-optical processor for measuring displacement employing the Talbot and the nonsteady-state photo-electromotive force effects	P. Rodríguez-Montero, D. Sánchez-de-la-Llave, S. Mansurova	Optics Letters	104-107	3.179
103	Analysis of the common characteristics of the Hartmann, Ronchi, and Shack-Hartmann tests	Fermín Salomón Granados-Agustín, Octavio Cardona-Núñez, Rufino Díaz-Urbe, Elizabeth Percino-Zacarías, Ana María Zárate-Rivera, Alejandro Cornejo-Rodríguez	Optik - International Journal for Light and Electron Optics	667-670	0.769
104	Full characterization of Airy beams under physical principles	J. Rogel-Salazar, H. A. Jiménez-Romero, S. Chávez-Cerda	Physical Review A		2.991
105	Propagation and perfect transmission in three-waveguide axially varying couplers	B. M. Rodríguez-Lara, H. M. Moya-Cessa, D. N. Christodoulides	Physical Review A	89	2.991
106	Optical simulation of Majorana physics	B. M. Rodríguez-Lara, H. M. Moya-Cessa	Physical Review A	89	2.991
107	Voltage effect in holograms of polyvinyl alcohol with FeCl ₃	Arturo Olivares-Pérez, Mary Paz Hernández-Garay, Santa Toxqui-López, Israel Fuentes-Tapia, Manuel Jorge Ordóñez-Padilla	Polymers	899-925	2.505

108	Non-contact cardiac activity monitoring using pulsed laser vibrometer	Chen Chia Wang, Sudhir Trivedi, Susan Kutcher, Ponciano Rodriguez, Feng Jin, V. Swaminathan, Frank Walters, Narasimha S. Prasad	Sensors & Transducers Journal and Magazine	173–176	
109	An Area Efficient Composed CORDIC Architecture	Aguirre-Ramos, Francisco , Morales-Reyes, Alicia, Feregrino-Urbe, Claudia, Cumplido, René	Advances in Electrical and Computer Engineering	113-116	0.642
110	Synthesizing VHDL from Activity Models in UML 2	Tomás Balderas Contreras , René Cumplido, Gustavo Rodríguez	Circuit Theory with Applications	542–550	0.595
111	An Adaptive Random Search for Unconstrained Global Optimization	Jonás Velasco, Mario A. Saucedo, Hugo Jair Escalante, Karlo Mendoza, Cesar Emilio Villareal, Oscar Chacón, Adrian Rodríguez, Arturo Berrones	Computación y Sistemas	243—257	
112	A KKT Simplex Method for Efficiently Solving Linear Programs for Grasp Analysis Based on the Identification of Nonbinding Constraints. (Un método simplex KKT para resolver eficientemente programas lineales para análisis de la sujeción basado en la identificación de restricciones no atadas)	Alejo Mosso Vázquez, David Juárez-Romero, Marco Antonio Cruz-Chávez, Luis Enrique Sucar	Computación y Sistemas	225-242	
113	A compact FPGA-based processor for the Secure Hash Algorithm SHA-256	R. García, I. Algreto-Badillo, M. Morales-Sandoval, C. Feregrino-Urbe, R. Cumplido	Computers & Electrical Engineering	194–202	0.992
114	A framework for learning and planning against switching strategies in repeated games	Pablo Hernandez-Leal, Enrique Munoz de Cote and L. Enrique Sucar	Connection Science		0.769
115	Gesture Therapy: An upper limb virtual reality-based motor rehabilitation platform	Luis Enrique Sucar, Felipe Orihuela-Espina, Roger Luis Velazquez, David J. Reinkensmeyer, Ronald Leder, and Jorge Hernández-Franco	IEEE in Transactions on Neural Systems & Rehabilitation Engineering	634-643	2.821
116	CSMMI: Class-Specific Maximization of Mutual Information for Action and Gesture Recognition	Jun Wan, Isabelle Guyon, Vassilis Athitsos, Pat Jangyodusk, Hugo Jair Escalante, Qiuqi Ruan	IEEE Transactions on Image Processing	3152--3165	3.111
117	Hardware Architecture for Security Improved Fallahpour Audio Watermarking Scheme	Claudia Feregrino-Urbe, Ernesto Aparicio-Díaz, José Juan García-Hernández, Alejandra Menendez , René Cumplido, Alicia Morales-Reyes	IEICE Electronics Express		0.391
118	Transition Regions Detection based on Evolutionary Region Growing Segmentation	Jorge Morales Cruz, Jesus A. Gonzalez, Carlos A. Reyes, and Leopoldo Altamirano	Intelligent Data Analysis	305-316	0.5
119	Temporal Alignment Model for Data Streams in Wireless Sensor Networks Based on Causal Dependencies	Jose Roberto Perez Cruz and Saul E. Pomares Hernandez	International Journal of Distributed Sensor Networks		0.923
120	The ChaLearn Gesture Dataset (CGD 2011)	Isabelle Guyon, Vassilis Athitsos, Pat Jangyodsuk, Hugo Jair Escalante	Machine Vision and Applications		1.444
121	Introduction to the special issue on supervised and unsupervised classification techniques and their applications	Boyer, Kim L.; Martinez-Trinidad, Jose Francisco; Carrasco-Ochoa, Jesus Ariel	Pattern Recognition Letters	1_2	1.062
122	Multi-label Classification with Bayesian Network-based Chain Classifiers	L. Enrique Sucar, Concha Bielza, Eduardo F. Morales, Pablo Hernandez-Leala , Julio H. Zaragoza, Pedro Larrañaga	Pattern Recognition Letters	14-22	1.062

123	A Node Linkage Approach for Sequential Pattern Mining	Osvaldo Navarro , René Cumplido, Luis Villaseñor-Pineda, Claudia Feregrino-Urbe, Jesús Ariel Carrasco-Ochoa	PLOS ONE		3.534
124	Computing Polynomial Segmentation through Radial Surface Representation	Leticia Flores Pulido, Gustavo Rodríguez-Gómez, Oleg Starostenko, Vicente Alarcón, and Alberto Portilla	Polibits	77-81	
125	Wind Speed Forecasting using Portfolio of Forecasters	Mario Graff, Rafael Peña, Aurelio Medina, Hugo Jair Escalante	Renewable Energy	550-559	3.361
126	NIR brightening of the blazar BZQJ1246-2547	Carrasco, L., Escobedo, G., Porras, A., Recillas, E., Chavushyan, V., Carraminana, A., Mayya, D.	ATel #5713	01/2014	
127	NIR brightening of the blazar BZB J0424+0036	Carrasco, L., Escobedo, G., Porras, A., Recillas, E., Chavushyan, V., Carraminana, A., Mayya, D.,	ATel 5712	01/2014	
128	A new NIR flare of the Blazar 4C+28.07	Carrasco, L., Escobedo, G., Recillas, E., Porras, A., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5711	01/2014	
129	NIR Flare of the Blazar 3C 454.3	Carrasco, L., Gonzalez, R., Porras, A., Chavushyan, V., Carraminana, A., Recillas, E., Mayya, D.,	ATel 6213	06/2014	
130	Follow up photometry of the NIR flare of the quasar PKSJ1553-2422	Carrasco, L., Porras, A., Chavushyan, V., Recillas, E., Carraminana, A.	ATel 6274	06/2014	
131	A Recent NIR Flare of the QSO SBS1452+516	Carrasco, L., Porras, A., Escobedo, G., Carraminana, A., Recillas, E., Chavushyan, V., Mayya, D. Y.	ATel 6282	06/2014	
132	Another NIR flare of the Blazar PKS1550-242A	Carrasco, L., Porras, A., Escobedo, G., Recillas, E., Carraminana, A.	ATel 6238	06/2014	
133	NIR brightening of the Blazar BZBJ1059-1134	Carrasco, L., Porras, A., Escobedo, G., Recillas, E., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 5740	01/2014	
134	NIR brightening of the Quasar 4C+01.28	Carrasco, L., Porras, A., Escobedo, G., Recillas, E., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 5736	01/2014	
135	NIR brightening of the Quasar PKS0735+17	Carrasco, L., Porras, A., Escobedo, G., Recillas, E., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5735	01/2014	
136	A NIR Flare of the Quasar PKS0446+112	Carrasco, L., Porras, A., Escobedo, G., Recillas, E., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5730	01/2014	
137	A Recent NIR Flare of the QSO PKS1725+123	Carrasco, L., Porras, A., Mayya, D. Y., Chavushyan, V., Recillas, E., Carraminana, A.	ATel 6240	06/2014	
138	A recent NIR brightening of the QSO CGRaBS J1824+5651	Carrasco, L., Porras, A., Mayya, D. Y., Recillas, E., Chavushyan, V., Carraminana, A.	ATel 6215	06/2014	
139	NIR detection of the QSO BZBJ1616+3330	Carrasco, L., Porras, A., Mayya, D. Y., Recillas, E., Chavushyan, V., Carraminana, A.	ATel 6195	06/2014	
140	A new NIR Flare of the QSO BZUJ1048+7143	Carrasco, L., Porras, A., Recillas, E., Escobedo, G., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5739	01/2014	

141	A new NIR Flare of the blazar BZQJ1146+3958	Carrasco, L., Porras, A., Recillas, E., Porras, A., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5734	01/2014	
142	NIR Flare of the Quasar PKS0736+017	Carrasco, L., Porras, A., Recillas, E., Porras, A., Chabushyan, V., Carraminana, A., Mayya, D.	ATel 5733	01/2014	
143	A New NIR flare of PKS1222+216	Carrasco, L., Recillas, E., Porras, A., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 6194	06/2014	
144	NIR observations of the flaring quasar CGRaBSJ0809+5341	Carrasco, L., Recillas, E., Porras, A., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 6136	05/2014	
145	NIR flare of PKS B0415-029	Carrasco, L., Recillas, E., Porras, A., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 5977	03/2014	
146	NIR brightening of the Quasar PKS0306+102	Carrasco, L., Recillas, E., Porras, A., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 5940	03/2014	
147	NIR Flare of	Carrasco, L., Recillas, E., Porras, A., Chavushyan, V., Carraminana, A., Mayya, D.	ATel 5923	02/2014	
148	A recent NIR brightening of the QSO CGRaBS J1700+6830	Carrasco, L., Recillas, E., Porras, A., Mayya, D. Y., Chavushyan, V., Carraminana, A.	ATel 6193	06/2014	