

5.9.1. PUBLICACIONES ARBITRADAS

Nº	Título	Año	Autores	Revista	DOI
1	Search for TeV gamma-ray emission from point-like sources in the Inner Galactic Plane with a partial configuration of the HAWC observatory	ene-jun 2016	1. Abeysekara, A. U., Alfaro, R., Alvarez, C., Álvarez, J. D., Arceo, R., Arteaga-Velázquez, J. C., Ayala Solares, H. A., Barber, A. S., Baughman, B. M., N., Bautista-Elivara, A. D. Becerril Reyes, E. Belmont, S. Y. BenZvi, A. Bernal, J. Braun, K. S. Caballero-Mora, Capistrán, T., Carramiñana, A., S. Casanova, M. Castillo, U. Cotti, J. Cotzomi, Coutiño de León, S. E. de la Fuente, C. De León, T. DeYoung, B. L. Dingus, M. A. DuVernois, R. W. Ellsworth; O. Enriquez-Rivera, D. W. Fiorino, N. Fraija, F. Garfias, M. M. González, J. A. Goodman, M. Gussert, Z. Hampel-Arias, J. P. Harding, S. Hernández, P. Hüntemeyer, C. M. Hui, A. Imran, A. Iriarte, P. Karn, D. Kieda, A. Lara, R. J. Lauer, W. H. Lee, D. Lennarz, H. León Vargas, J. T. Linnemann, M. Longo, G. Luis Raya, K. Malone, A. Marinelli, S. S. Marinelli, L. A. Martínez, H. Martínez, O. Martínez, J. Martínez-Castro, J. A. Matthews, P. Miranda-Romagnoli, E. Moreno, M. Mostafa, L. Nellen, M. Newbold, R. Noriega-Papaqui, B. Patricelli, R. Pelayo, E. G. Pérez-Pérez, J. Pretz, Z. Ren, C. Rivière, Rosa-González, D., H. Salazar, F. Salesa Greus, A. Sandoval, M. Schneider, G. Sinnis, A. J. Smith, K. Sparks Woodlee, R. W. Springer, I. Taboada, O. Tibolla, K. Tollefson, Torres, I. T. N. Ukwatta, L. Villaseñor, K. Vrabel, T. Weisgarber, S. Westerhoff, I. G. Wisher, J. Wood, T. Yapici, G. B. Yodh, P. W. Young, D. Zaborov, A. Zepeda, H. Zhou (The HAWC Collaboration)	The Astrophysical Journal	doi:10.3847/0004-637X/817/1/3
2	New bright optical spectrophotometric standards: A-type stars from the STIS Next Generation Spectral Library	ene-jun 2016	Allende Prieto, del Burgo, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi:10.1093/mnras/stv2518
3	A mid-infrared spectroscopic atlas of local active galactic nuclei on sub-arcsecond resolution using GTC/CanariCam	ene-jun 2016	Alonso-Herrero, A., Esquej, P., Roche, P. F., Ramos Almeida, C., González-Martín, O., Packham, C., Levenson, N. A., Mason, R. E., Hernán-Caballero, A., Pereira-Santaella, M., Alvarez, C., Aretxaga, I., López-Rodríguez, E., Collina, L., Díaz-Santos, T., Imanishi, M., Rodríguez Espinosa, J. M., Perlman, E.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2342
4	Optical Spectroscopic Observations of Gamma-ray Blazar Candidates. V. TNG, KPNO, and OAN Observations of Blazar Candidates of Uncertain Type in the Northern Hemisphere	ene-jun 2016	Álvarez Crespo, N., Masetti, N., Ricci, F., Landoni, M., Patiño-Álvarez, V. (est.) , Massaro, F., D'Abrusco, R., Paggi, A., Chavushyan, V., Jiménez-Bailón, E., Torrealba, J., Latronico, L., La Franca, F., Smith, H. A., Tosti, G.	The Astronomical Journal	10.3847/0004-6256/151/2/32
5	Optical Spectroscopic Observations of Gamma-Ray Blazar Candidates. VI. Further Observations from TNG, WHT, OAN, SOAR, and Magellan Telescopes	ene-jun 2016	Álvarez Crespo, N., Massaro, F., Milisavljevic, D., Landoni, M., Chavushyan, V., Patiño-Álvarez, V. (est.) , Masetti, N., Jiménez-Bailón, E., Strader, J., Chomiuk, L., Katagiri, H., Kagaya, M., Cheung, C. C., Paggi, A., D'Abrusco, R., Ricci, F., La Franca, F., Smith, H. A., Tosti, G.	The Astronomical Journal	doi:10.3847/0004-6256/151/4/95
6	The oxygen abundance gradient in M81 and the robustness of abundance determinations in H II regions	ene-jun 2016	Arellano-Córdova, K. Z. (est.) , Rodríguez, M., Mayya, Y. D., Rosa-González, D.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2461
7	Temporal decorrelation of optical turbulence as a function of altitude in the atmosphere	ene-jun 2016	Avilés, J. L., Avila, R., Carrasco, E., Sánchez, L. J., Chun, M., Butterley, T., Wilson, R., Urbíola, F. J.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw270
8	1RXS J180408.9-342058: An ultra compact X-ray binary candidate with a transient jet	ene-jun 2016	Baglio, M. C., D'Avanzo, P., Campana, S., Gondoni, P., Masetti, N., Muñoz-Darias, T., Patiño-Álvarez, V. (est.) , Chavushyan, V.	Astronomy & Astrophysics	10.1051/0004-6361/201527147
9	Galaxy Cluster Scaling Relations Measured with APEX-SZ	ene-jun 2016	Bender, N., Kennedy, J., Ade, P. A. R., Basu, K., Bertoldi, F., Burkutean, S., Clarke, J., Dahlin, D., Dobbs, M., Ferrusca, D., Flanagan, D., Halverson, N. W., Holzapfel, W. L., Horellou, C., Johnson, B. R., Kermish, Z. D., Klein, M., Kneissl, R., Lanting, T., T. Lee, A., Mehl, Menten, J., D. Muders, A. Nagarajan, F. Pacaud, C. L. Reichardt, P. L. Richards, R. Schaaf, D. Schwan, M. W. Sommer, Spieler, H., Tucker, C. Westbrook, B.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1158
10	THE SCUBA-2 COSMOLOGY LEGACY SURVEY: MULTI-WAVELENGTH COUNTERPARTS TO 103 SUBMILLIMETER GALAXIES IN THE UKIDSS-UDS FIELD	ene-jun 2016	Chen, C.-C., Smail, I., Ivison, R. J., Arumugam, V., Almaini, O., Conselice, C. J., Geach, J. E., Hartley, W. G., Ma, C.-J., Mortlock, A., Simpson, C., Simpson, J. M., Swinbank, A. M., Aretxaga, I., Blain, A., Chapman, S. C., Dunlop, J. S., Farrah, D., Halpern, M., Michałowski, M. J., van der Werf, P., Wilkinson, A., Zavala, J. A. (est.)	The Astrophysical Journal	doi:10.3847/0004-637X/820/2/82
11	Early Science with the Large Millimeter Telescope: COOL BUDHIES I – a pilot study of molecular and atomic gas at $z \approx 0.2$	ene-jun 2016	Cybulski, R., Yun, M. S., Erickson, N., De la Luz, V., Narayanan, V., Montaña, A., Sánchez-Argüelles, D. (est.) , Zavala, J. A. (est.) , Zeballos, M., Chung, A., Fernández, X., van Gorkom, J., Haines, C. P., Jaffé, Y., Montero-Castaño, M., Poggianti, B. M., Verheijen, M. A., Yoon, H., Harrington, K., Hughes, D. H., Morrison, G. E., Schloerb, F. P., Velazquez, M.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw798
12	The Fe/Ni ratio in ionized nebulae: clues on dust depletion patterns	ene-jun 2016	Delgado-Inglada, G., Mesa-Delgado, A., García-Rojas, J., Rodríguez, M., Esteban, C.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stv2961
13	A multi-wavelength study of star formation activity in the S235 complex	ene-jun 2016	Dewangan, L. K., Ojha, D. K., Luna, A., Anandarao, B. G., Ninan, J. P., Mallick, K. K., Mayya, Y. D.	The Astrophysical Journal	doi:10.3847/0004-637X/819/1/66
14	Persistent Asymmetric Structure of Sagittarius A* on Event Horizon Scales	ene-jun 2016	Fish, V. L., Johnson, M. D., Doleman, S. S., Broderick, A. E., Psaltis, D., Lu, R.-S., Akiyama, K., Alef, W., Algaba, J. C., Asada, K., Beaudoin, C., Bertarini, A., Blackburn, L., Blundell, R., Bower, G. C., Brinkerink, C., Cappallo, R., Chael, A. A., Chamberlin, R., Chan, C.-K., Crew, G. B., Dexter, J., Dexter, M., Dzib, S. A., Falcke, H., Freund, R., Friberg, P., Greer, C. H., Gurwell, M. A., Ho, P. T. P., Honma, M., Inoue, M., Johannsen, T., Kim, J., Krichbaum, T. P., Lamb, J., León-Tavares, J., Loeb, A., Loinard, L., MacMahon, D., Marrone, D. P., Moran, J. M., Mościbrodzka, M., Ortiz-León, G. N., Oyama, T., Özel, F., Plambeck, R. L., Pradel, N., Primiani, R. A., Rogers, A. E. E., Rosenfeld, K., Rottmann, H., Roy, A. L., Ruszczyk, C., Smythe, D. L., SooHoo, J., Spilker, J., Stone, J., Strittmatter, P., Tilanus, R. P. J., Titus, M., Vertatschitsch, L., Wagner, J., Wardle, J. F. C., Weintraub, J., Woody, D., Wright, M., Yamaguchi, P., Young, A., Young, K. H., Zensus, J. A., Ziyurs, L. M.	The Astrophysical Journal	doi:10.3847/0004-637X/820/2/90

5.9.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
15	The XXL Survey. VI. The 1000 brightest X-ray point sources	ene-jun 2016	Fotopoulou, S., Pacaud, F., Paltani, S., Ranalli, P., Ramos-Ceja, M. E., Faccioli, L., Plionis, M. , Adami, C., Bongiorno, A., Brusa, M., Chiappetti, L., Desai, S., Elyiv, A., Lidman, C., Melnyk, O., Pierre, M., Piconcelli, E., Vignali, C., Alis, S., Ardila, F., Arnouts, S., Baldry, I., Bremer, M., Eckert, D., Guennou, L., Horellou, C., Iovino, A., Koulouridis, E., Liske, J., Maurogordato, S., Menanteau, F., Mohr, J. J., Owers, M., Poggianti, B., Pompei, E., Sadibekova, T., Stanford, A., Tuffs, R., Willis, J.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527402
16	Characterizing the environments of supernovae with MUSE	ene-jun 2016	Galbany, L., Anderson, J. P., Rosales-Ortega, F. F. , Kuncarayakti, H., Krühler, T., Sánchez, S. F., Falcón-Barroso, J., Pérez, E., Maureira, J. C., Hamuy, M., González-Gaitán, S., Förster, F., Moral, V.	Monthly Notices of the Royal Astronomical Society-MNRAS	10.1093/mnras/stv2620
17	Warm ionized gas in CALIFA early-type galaxies. 2D emission-line patterns and kinematics for 32 galaxies	ene-jun 2016	Gómes, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	10.1051/0004-6361/201525976
18	Spectroscopic aperture biases in inside-out evolving early-type galaxies from CALIFA	ene-jun 2016	Gómes, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527312
19	Spiral-like star-forming patterns in CALIFA early-type galaxies	ene-jun 2016	Gómes, J. M., Papaderos, P., Vilchez, J. M., Kehrig, C., Iglesias-Páramo, J., Breda, I., Lehnert, M. D., Sánchez, S. F., Ziegler, B., Dos Reis, S. N., Bland-Hawthorn, J., Galbany, L., Bomans, D. J., Rosales-Ortega, F. F. , Walcher, C. J., García-Benito, R., Márquez, I., Del Olmo, A., Mollá, M., Marino, R. A., Catalán-Torrecilla, C., González Delgado, R. M., López-Sánchez, Á. R., Califa Collaboration	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201525974
20	Wolf-Rayet stars in M81: Detection and Characterization using GTC/OSIRIS spectra and HST/ACS images	ene-jun 2016	Gómez-González, V. M. A. (est.) , Mayya, Y. D., Rosa-González, D.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw1118
21	A Catalog of Methanol Masers in Massive Star-forming Regions. III. The Molecular Outflow Sample	ene-jun 2016	Gómez-Ruiz, A. I. , Kurtz, S. E., Araya, E. D., Hofner, P., Loinard, L.	The Astrophysical Journal Supplement Series	10.3847/0067-0049/222/2/18
22	Early science with the Large Millimeter Telescope: observations of extremely luminous high-z sources identified by Planck	ene-jun 2016	Harrington, K. C., Yun, M. S., Cybulski, R., Wilson, G. W., Aretxaga, I. , Chávez, M. , De la Luz, V., Erickson, N., Ferrusca, D., Gallup, A. D., Hughes, D. H. , Montaña, A. , Narayanan, G., Sánchez-Argüelles, D. (est.) , Schloerb, F. P., Souccar, K., Terlevich, E. , Terlevich, R. , Zeballos, M., Zavala, J. A. (est.)	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw614
23	GTC optical imaging of extremely red 5C radio galaxies at high redshift	ene-jun 2016	Humphrey, A. , Villar-Martin, M., Lagos, P.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526411
24	The SCUBA-2 Cosmology Legacy Survey: galaxies in the deep 850 μ m survey, and the star-forming 'main sequence'	ene-jun 2016	Koprowski, M. P., Dunlop, J. S., Michałowski, M. J., Roseboom, I., Geach, J. E., Cirasuolo, M., Aretxaga, I. , Bowler, R. A. A., Banerji, M., Bourne, N., Coppin, K. E. K., Chapman, S., Hughes, D. H. , Jenness, T., McLure, R. J., Symeonidis, M., Werf, P. v. d.,	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw564
25	The XMM spectral catalog of SDSS optically selected Seyfert 2 galaxies	ene-jun 2016	Koulouridis, E., Georgantopoulos, I., Loukaidou, G., Corral, A., Akylas, A., Koutoulidis, L., Jiménez-Andrade, E. F., León-Tavares, J. , Ranalli, P.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526515
26	The XXL Survey. XII. Optical spectroscopy of X-ray-selected clusters and the frequency of AGN in superclusters	ene-jun 2016	Koulouridis, E., Poggianti, B., Altieri, B., Valtchanov, I., Jaffé, Y., Adami, C., Elyiv, A., Melnyk, O., Fotopoulou, S., Gastaldello, F., Horellou, C., Pierre, M., Pacaud, F., Plionis, M. , Sadibekova, T., Surdej, J.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526976
27	Comparison of spatial and angular clustering of X-ray AGN	ene-jun 2016	Koutoulidis, L., Plionis, M. , Georgantopoulos, I., Georgakakis, A., Akylas, A., Basilakos, S., Mountrichas, G.	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527814
28	Infrared Observational Manifestations of Young Dusty Super Star Clusters	ene-jun 2016	Martínez-González, S., Tenorio-Tagle, G. , Silich, S.	The Astrophysical Journal	doi:10.3847/0004-637X/816/1/39
29	The Intrinsic Shape of Sagittarius A* at 3.5 mm Wavelength	ene-jun 2016	Ortiz-León, G. N., Johnson, M. D., Doleman, S. S., Blackburn, L., Fish, V. L., Loinard, L., Reid, M. J., Castillo, E. , Chael, A. A., Hernández-Gómez, A., Hughes, D. H. , León-Tavares, J. , Lu, R.-S., Montaña, A. , Narayanan, G., Rosenfeld, K., Sánchez, D., Schloerb, F. P., Shen, Z.-q., Shiokawa, H., Soohoo, J., Vertatschitsch, L.	The Astrophysical Journal	doi:10.3847/0004-637X/824/1/40
30	The XXL Survey. I. Scientific motivations - XMM-Newton observing plan - Follow-up observations and simulation programme	ene-jun 2016	30. Pierre, M., Pacaud, F., Adami, C., Alis, S., Altieri, B., Baran, N., Benoist, C., Birkinshaw, M., Bongiorno, A., Bremer, M. N., Brusa, M., Butler, A., Cilieg, P., Chiappetti, L., Clerc, N., Corasaniti, P. S., Coupon, J., De Breuck, C., Democles, J., Desai, S., Delhaize, J., Devriendt, J., Dubois, Y., Eckert, D., Elyiv, A., Ettori, S., Evrard, A., Faccioli, L., Farahi, A., Ferrari, C., Finet, F., Fotopoulou, S., Fourmanoit, N., Gandhi, P., Gastaldello, F., Gastaud, R., Georgantopoulos, I., Giles, P., Guennou, L., Guglielmo, V., Horellou, C., Husband, K., Huynh, M., Iovino, A., Kilbinger, M., Koulouridis, E., Lavoie, S., Le Brun, A. M. C., Le Fevre, J. P., Lidman, C., Lieu, M., Lin, C. A., Mantz, A., Maughan, B. J., Maurogordato, S., McCarthy, I. G., McGee, S., Melin, J. B., Melnyk, O., Menanteau, F., Novak, M., Paltani, S., Plionis, M. , Poggianti, B. M., Pomaredé, D., Pompei, E., Ponman, T. J., Ramos-Ceja, M. E., Ranalli, P., Rapetti, D., Raychaudury, S., Reiprich, T. H., Rottgering, H., Rozo, E., Rykoff, E., Sadibekova, T., Santos, J., Sauvageot, J. L., Schimd, C., Sereno, M., Smith, G. P., Smolčić, V., Snowden, S., Spergel, D., Stanford, S., Surdej, J., Valageas, P., Valotti, A., Valtchanov, I., Vignali, C., Willis, J., Ziparo, F.,	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526766
31	Planck intermediate results. XXXVII. Evidence of unbound gas from the kinetic Sunyaev-Zeldovich effect	ene-jun 2016	Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, M., Ashdown, M., Aubourg, E., Aumont, J., Baccigalupi, C., Banday, A. J., Barreiro, R. B., Bartolo, N., Battaner, E., Benabed, K., Benoit-Lévy, A., Bersanelli, M., Bielewicz, P., Bock, J. J., Bonaldi, A., Bonavera, L., Bond, et al. (incluyendo León-Tavares, J.)	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526328

5.9.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
32	Planck intermediate results. XXXVI. Optical identification and redshifts of Planck SZ sources with telescopes at the Canary Islands observatories	ene-jun 2016	Planck Collaboration, Ade, P. A. R., Aghanim, N., Arnaud, M., Ashdown, M., Aumont, J., Baccigalupi, C., Banday, A. J., Barreiro, R. B., Barrena, R., Bartolo, N., Battaner, E., Benabed, K., Benoit-Lévy, A., Bernard, J.-P., Bersanelli, M., Bielewicz, P., Bikmaev, I., Böhringer, H., Bonaldi, A., et al. (incluyendo León-Tavares, J.)	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201526345
33	The ionized X-ray outflowing torus in ESO 323-G77: low-ionization clumps confined by homogeneous warm absorbers	ene-jun 2016	Sanfrutos, M., Miniutti, G., Krongold, Y., Agís-González, B., Longinotti, A. L.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stv2976
34	FIRST LONG-TERM OPTICAL SPECTRAL MONITORING OF A BINARY BLACK HOLE CANDIDATE E1821+643. I. VARIABILITY OF SPECTRAL LINES AND CONTINUUM	ene-jun 2016	Shapovalova, A. I., Popović, L. Č., Chavushyan, V. H. , Burenkov, A. N., Ilić, D., Kollatschny, W., Kovačević, A., Valdés, J. R. , Patiño-Álvarez, V. (est.) , León-Tavares, J., Torrealba, J., Zhdanova, V. E.	The Astrophysical Journal Supplement Series	doi:10.3847/0067-0049/222/2/25
35	Primary Black Hole Spin in OJ 287 as Determined by the General Relativity Centenary Flare	ene-jun 2016	Valtonen, M. J., Zola, S., Ciprini, S., Gopakumar, A., Matsumoto, K., Sadakane, K., Kidger, M., Gazeas, K., Nilsson, K., Berdyugin, A., Pirola, V., Jermak, H., Baliyan, K.S., Alicavus, F., Boyd, D., Campas Torrent, M., Campos, F., Carrillo Gómez, J., Caton, D.B., Chavushyan, V. , Dalessio, J., Debski, B., Dimitrov, D., Drozd, M., Er, H., Erdem, A., Escartin Pérez, A., Fallah Ramazani, V., Filippenko, A. V., Ganesh, S., Garcia, F., Gómez Pinilla, F., Gopinathan, M., Haislip, J. B., Hudec, R., Hurst, G., Ivarsen, K. M., Jelinek, M., Joshi, A., Kagitani, M., Kaur, N., Keel, W. C., LaCluyze, A. P., Lee, B. C., Lindfors, E., Lozano de Haro, J., Moore, J. P., Mugrauer, M., Naves Nogue, R., Neely, A. W., Nelson, R. H., Ogloza, W., Okano, S., Pandey, J. C., Perri, M., Pihajoki, P., Poyner, G., Provencal, J., Pursimo, T., Raj, A., Reichart, D. E., Reintal, R., Sadegi, S., Sakanoi, T., Salto González, J.-L., Sameer, Schweyer, T., Siwak, M., Soldán Alfaro, F. C., Sonbas, E., Steele, I., Stocke, J. T., Strobl, J., Takalo, L. O., Tomov, T., Tremosa Espasa, L., Valdes, J. R. , Valero Pérez, J., Verrecchia, F., Webb, J. R., Yoneda, M., Zejmo, M., Zheng, W., Telting, J., Saario, J., Reynolds, T., Kvammen, A., Gafton, E., Karjalainen, R., Harmanen, J., Blay, P.,	The Astrophysical Journal	doi:10.3847/2041-8205/819/2/L37
36	Continuum observations of M 51 and M 83 at 1.1 mm with AzTEC	ene-jun 2016	Wall, W. F. , Puerari, I., Tilanus, R., Israel, F. P., Austermann, J. E., Aretxaga, I., Wilson, G., Yun, M., Scott, K. S., Perera, T. A., Roberts, C. M., Hughes, D. H.	Monthly Notices of the Royal Astronomical Society-MNRAS	doi: 10.1093/mnras/stw687
37	Fossil group origins. VII. Galaxy substructures in fossil systems	ene-jun 2016	Zarattini, S., Girardi, M., Aguerri, J. A. L., Boschin, W., Barrena, R., del Burgo, C. , Castro-Rodríguez, N., Corsini, E. M., D'Onghia, E., Kundert, A., Méndez-Abreu, J., Sánchez-Janssen, R.,	Astronomy & Astrophysics	DOI: 10.1051/0004-6361/201527175
38	A microbolometer fabrication process using polymorphous silicon-germanium films (pm-SixGe:H) as thermosensing material	ene-jun 2016	Calleja, C., Torres, A., Moreno, M., Rosales, P., Sanz-Pascual, M. T., Velázquez, M.	PHYSICA STATUS SOLIDI A	DOI: 10.1002/pssa.201532983
39	SXDF-ALMA 2-arcmin2 Deep Survey: 1.1-mm number counts	ene-jun 2016	Hatsukade, B., Kohno, K., Umehata, H., Aretxaga, I. , Caputi, K. I., Dunlop, J. S., Ikarashi, S., Iono, D., Ivson, R. J., Lee, M., Makiya, R., Matsuda, Y., Motohara, K., Nakanishi, K., Ohta, K., Tadaki, K.-i., Tamura, Y., Wang, W.-H., Wilson, G. W., Yamaguchi, Y., Yun, M. S.	Publications of Astronomical Society of Japan	doi: 10.1093/pasj/psw026
40	The solar radio emission during the minimum between the 23-24 cycles of solar activity	ene-jun 2016	Mendoza-Torres, J.E. , Palacios-Fonseca, J.S.	Advances in Space Research	http://dx.doi.org/10.1016/j.asr.2016.01.024
41	Pipe3D, a pipeline to analyze Integral Field Spectroscopy Data: II. Analysis sequence and CALIFA dataproducts	ene-jun 2016	Sánchez, S. F., Pérez, E., Sánchez-Blázquez, P., García-Benito, R., Ibarra-Mede, H. J., González, J. J., Rosales-Ortega, F. F. , Sánchez-Menguiano, L., Ascasibar, Y., Bitsakis, T., Law, D., Cano-Díaz, M., López-Cobá, C., Marino, R. A., Gil de Paz, A., López-Sánchez, A. R., Barrera-Ballesteros, J., Galbany, L., Mast, D., Abril-Melgarejo, V., Roman-Lopes, A.	Revista Mexicana de Astronomía y Astrofísica	http://www.scielo.org.mx/pdf/maa/v52n1/0185-1101-maa-52-01-00171.pdf
42	Analysis of the adiabatical pulsation of Cepheids	ene-jun 2016	Dehnen, H., Corona-Galindo, M.G. , Gelover-Santiago, A.L.	Revista Mexicana de Física	https://kops.uni-konstanz.de/bitstream/handle/123456789/33622/Dehnen_0-321768.pdf?sequence=5
43	4 Kelvin Cryogenic Characterization of Commercial pHEMT Transistors at 9 kHz to 8.5 GHz Range	ene-jun 2016	Ibarra-Medel, E. (est.) , Velázquez, M. , Ventura, S., Ferrusca, D. , Gómez-Rivera, V. (est.)	JOURNAL OF LOW TEMPERATURE PHYSICS	doi:10.1007/s10909-015-1461-0
44	Design of a 2-mm Wavelength KIDs Prototype Camera for the Large Millimeter Telescope	ene-jun 2016	Velázquez, M. , Ferrusca, D. , Castillo-Domínguez, E. , Ibarra-Medel, E. (est.) , Ventura, S., Gómez-Rivera, V. (est.) , Hughes, D. , Aretxaga, I. , Grant, W., Doyle, S., Mauskopf, P.	JOURNAL OF LOW TEMPERATURE PHYSICS	DOI: 10.1007/s10909-016-1536-6
45	High energy noise-like pulsing in a double-clad Er/Yb figure-of-eight fiber laser	ene-jun 2016	J. P. Luterio-Cruz, J. C. Hernandez-García, O. Pottiez, J. M. Estudillo-Ayala, E. A. Kuzin , R. Rojas-Laguna, H. Santiago-Hernandez, and D. Jauregui-Vazquez.	Optics Express	doi: 10.1364/OE.24.013778
46	Dissipative soliton resonance in a full polarization-maintaining fiber ring laser at different values of dispersion	ene-jun 2016	I. Armas-Rivera, C. Cuadrado-Laborde, A. Carrascosa, E. A. Kuzin , G. Beltrán-Pérez, A. Diez, and M. V. Andrés	Optics Express	doi: 10.1364/OE.24.009966
47	Topological properties of the interaction between focusing regions kind cusped	ene-jun 2016	G. Martínez Niconoff , S. I. de los Santos García, M. A. Torres Rodríguez, R. Suarez Xique, M. Vargas Morales, P. Martínez Vara, A. Carbajal Domínguez	Optics Express	doi: 10.1364/OE.24.014648
48	Generalized Schrödinger cat states and their classical emulation	ene-jun 2016	A. Perez-Leija, A. Szameit, I. Ramos-Prieto, H. Moya-Cessa , D. N. Christodoulides	Physical Review A	DOI: 10.1103/PhysRevA.93.053815
49	Generalized revival and splitting of an arbitrary optical field in GRIN media	ene-jun 2016	H. M. Moya-Cessa , F. Soto-Eguibar , V. Arrizon , A. Zúñiga-Segundo	Optics Express	doi: 10.1364/OE.24.010445
50	Implementation of quantum and classical discrete fractional Fourier transforms".	ene-jun 2016	S. Weimann, A. Perez-Leija, M. Lebugle, R. Keil, M. Tichy, M. Gräfe, R. Heilmann, S. Nolte, H. Moya-Cessa , G. Weihs, D. Christodoulides, A. Szameit	Nature Communications	doi:10.1038/ncomms11027
51	Absolute phase recovery in structured light illumination systems: Sinusoidal vs. intensity discrete patterns	ene-jun 2016	Rosario Porras-Aguilar , Konstantinos Falaggis	Optics and Lasers in Engineering	http://dx.doi.org/10.1016/j.optlaseng.2016.04.010
52	Continuous-wave laser generated jets for needle free applications	ene-jun 2016	Carla Berrospe-Rodríguez, Claas Willem Visser, Stefan Schlautmann, Ruben Ramos-García and David Fernandez Rivas	Biomicrofluidics	doi: 10.1063/1.4940038
53	Z-scan for thin media with more than one nonlocal nonlinear response	ene-jun 2016	B. A. Martínez Irvias, M. L Arroyo, M. M. Mendez Otero, R. Garcia Ramos and M. D. Iturbe Castillo	Optics Express	doi: 10.1364/OE.24.013387
54	All-optical PT-symmetric conversion of amplitude (phase) modulation to phase (amplitude) modulation	ene-jun 2016	O. I. Zaragoza Gutiérrez, L. F. Salinas Mendoza and B. M. Rodríguez-Lara .	Optics Express	doi: 10.1364/OE.24.003989

5.9.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
55	Few mode EDFA with photonic lantern for pump spatial mode control	ene-jun 2016	G. Lopez Galmiche, Z. Sanjabi Eznaveh, J. E. Antonio Lopez, A. M. Velazquez Benitez, J. Rodriguez Asomoza, J. J. Sanchez Mondragon , C. Gonnet, P. Sillard, G. Li, A. Schülzgen, C.M. Okonkwo, and R. Amezcua Correa	Optics Letters	doi: 10.1364/OL.41.002588
56	Swept source OCT beyond the coherence length limit	ene-jun 2016	Oleg Kolokoltsev, Iván Gómez-Arista, C. G. Treviño-Palacios , N. Qureshi, E.V. Mejía-Uriarte	Journal of Selected Topics in Quantum Electronics	10.1109/JSTQE.2016.2556226
57	Statistical characterization of the internal structure of noise-like pulses using a nonlinear optical loop mirror	ene-jun 2016	O.Pottiez, R. Paez-Aguirre, J. L. Cruz, M. V. Andres, E. A. Kuzin	Optics Communications	http://dx.doi.org/10.1016/j.optcom.2016.05.029
58	The Pegg-Barnett phase operator and the discrete Fourier transform	ene-jun 2016	A. Perez-Leija, L.A. Andrade Morales, F. Soto-Eguibar, A. Szameit, H. Moya-Cessa	Physica Scripta	doi:10.1088/0031-8949/91/4/043008
59	Exact solution to laser rate equations: Three-level laser as a Morse-like oscillator	ene-jun 2016	R. de J. León-Montiel, H. Moya-Cessa	Journal of Modern Optics	DOI: 10.1080/09500340.2016.1144824
60	Schrodinger like equation for Wavelets	ene-jun 2016	A. Zúñiga-Segundo, H. Moya-Cessa , F. Soto-Eguibar	AIP Advances	doi: 10.1063/1.4939813
61	Application of perturbation theory to a master equation	ene-jun 2016	B. M. Villegas-Martínez, F. Soto-Eguibar , H. Moya-Cessa	Advances in Mathematical Physics	http://dx.doi.org/10.1155/2016/9265039
62	Calomel-made crystalline acousto-optical cell designed for an advanced regime of non-collinear two-phonon light scattering	ene-jun 2016	Alexandre Shcherbakov , Adan Omar Arellanes	Optical Engineering	doi: 10.1364/AO.55.004833
63	Features of the non-linearity specific to two-phonon light scattering controlled by elastic waves with linear losses: potentials for high resolution spectral analysis	ene-jun 2016	Alexandre Shcherbakov , Adan Omar Arellanes	Applied Optics	doi: 10.1364/AO.55.004833
64	An optoelectronic multiplexer for wireless transmissions of high-speed data-modulated microwave sub-carriers	ene-jun 2016	Celso Gutiérrez-Martínez , Joel Santos-Aguilar, Adolfo Morales-Díaz, Jacobo Meza-Pérez, Alfredo Torres-Fórtiz	Microwave and Optical Technology Letters	DOI: 10.1002/mop.29593
65	Monolithic integration of a Silicon-Based Photonic Transceiver in a CMOS Process	ene-jun 2016	A. A. González-Fernández, J. Juvert, M. Aceves-Mijares , C. Domínguez	IEEE Photonics Journal	10.1109/JPHOT.2015.2505144
66	Temporal photonic crystals with modulations of both permittivity and permeability	ene-jun 2016	Juan Sabino Martínez-Romero, O. M. Becerra-Fuentes, and P. Halevi	Physical Review A	DOI: http://dx.doi.org/10.1103/PhysRevA.93.063813
67	Single vacancy defect spectroscopy on HfO2 using random telegraph noise signals from scanning tunneling microscopy	ene-jun 2016	R. Thamankar, N. Raghavan, J. Molina , F. M. Puglisi, S. J. O'Shea, K. Shubhakar, L. Larcher, P. Pavan, A. Padovani, and K. L. Pey	JOURNAL OF APPLIED PHYSICS	http://dx.doi.org/10.1063/1.4941697
68	pH ISFET sensor with PVTA compensation	ene-jun 2016	L.A. Carrillo-Martínez, G. Espinosa Flores-Verdad , B.M. Pérez and J. Molina Reyes	ELECTRONICS LETTERS	10.1049/el.2015.2573
69	Generating a 50-scroll chaotic attractor at 66MHz by using FPGAs	ene-jun 2016	E. Tlelo-Cuautle , A. D. Pano-Azucena, J. J. Rangel-Magdaleno , V. H. Carbajal-Gomez, G. Rodríguez-Gomez	NONLINEAR DYNAMICS	DOI 10.1007/s11071-016-2820-3
70	Characterization of Hot-Carrier-Induced RF-MOSFET Degradation at Different Bulk Biasing Conditions From Parameters	ene-jun 2016	Fabián Zárate-Rincón, Víctor H. Vega-González, Reydezel Torres-Torres , Roberto S. Murphy-Arteaga	IEEE TRANSACTIONS ON MICROWAVE THEORY AND TECHNIQUES	10.1109/TMTT.2015.2504090
71	A DC Method to Extract Mobility Degradation and Series Resistance of Multifinger Microwave MOSFETs	ene-jun 2016	Andrea Sucre-González, Fabián Zárate-Rincón, Adelmo Ortiz-Conde, Reydezel Torres-Torres , Francisco J. García-Sánchez, Juan Muci, Roberto S. Murphy-Arteaga	IEEE TRANSACTIONS ON ELECTRON DEVICES	10.1109/TED.2016.2538778
72	Electrical and electroluminescent characterization of nanometric multilayers of SiOx/SiOy obtained by LPCVD including non-normal emission	ene-jun 2016	J. Alarcón-Salazar, I. E. Zaldívar-Huerta, and M. Aceves-Mijares	Journal of Applied Physics letters	doi: 10.1063/1.4952730
73	Effectiveness of Low-Voltage Testing to Detect Interconnect Open Defects Under Process Variations	ene-jun 2016	Jesus Moreno, Michel Renovell, and Victor Champac	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	10.1109/TVLSI.2015.2397934
74	Early Selection of Critical Paths for Reliable NBTI Aging-Delay Monitoring	ene-jun 2016	Andres F. Gomez, Victor Champac	IEEE TRANSACTIONS ON VERY LARGE SCALE INTEGRATION (VLSI) SYSTEMS	10.1109/TVLSI.2015.2513379
75	Impact of Fin-Height on SRAM Soft Error Sensitivity and Cell Stability	ene-jun 2016	Hector Villacorta, Jaume Segura, Victor Champac	JOURNAL OF ELECTRONIC TESTING-THEORY AND APPLICATIONS	DOI 10.1007/s10836-016-5591-3
76	Ethical Considerations for Pain Detection in Non Communicative Patients	ene-jun 2016	D. A. Blanco, A. Díaz Méndez and B. P. Guzmán	IEEE LATIN AMERICA TRANSACTIONS	10.1109/TLA.2016.7459590
77	Communication—Anomalous Shift of the Capacitance-Voltage Characteristics Obtained for p-MOS Capacitors with a Tin-Doped Indium Oxide Gate	ene-jun 2016	Oleksandr Malikz and F. Javier De la Hidalga-Wade	ECS Journal of Solid State Science and Technology	doi: 10.1149/2.0011607jss
78	Performance of ultra-thin HfO2-based MIM devices after oxygen modulation and post-metallization annealing in N2	ene-jun 2016	Joel Molina , Ramesh Thamankar, and Kin Leong Pey	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532993
79	A microbolometer fabrication process using polymorphous silicon-germanium films (pm-SixGe1-x:H) as thermosensing material	ene-jun 2016	Cesar Calleja , Alfonso Torres Jacome , Mario Moreno Moreno , Pedro Rosales Quintero , María Teresa Sanz-Pascual and Miguel Velázquez	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532983
80	Micropower CMOS lock-in amplifier for portable applications	ene-jun 2016	P.M. Maya Hernández, M.T. Sanz Pascual and B. Calvo	ELECTRONICS LETTERS	DOI: 10.1049/el.2015.4391
81	Vibration Analysis of Partially Damaged Rotor Bar in Induction Motor under Different Load Condition Using DWT	ene-jun 2016	Jose Rangel-Magdaleno , Hayde Peregrina-Barreto , Juan Manuel Ramirez-Cortes , Roberto Morales-Caporal, and Israel Cruz-Vega	SHOCK AND VIBRATION	http://dx.doi.org/10.1155/2016/3530464
82	Effect of substrate temperature on the plasma texturing process of c-Si wafers for black silicon solar cells	ene-jun 2016	D. Murias, M. Moreno , C. Reyes-Betanzo , A. Torres , P. Rosales , J. Martínez1, R. Ambrosio, P. Roca i Cabarracos, N. Carlos, and A. Itzmoyotl	PHYSICA STATUS SOLIDI A	DOI 10.1002/pssa.201532954
83	A Novel Modeling Methodology for Memristive Systems Using Homotopy Perturbation Methods	ene-jun 2016	Carlos Hernández-Mejía, Arturo Sarmiento-Reyes , Héctor Vázquez-Leal	Circuits, Systems, and Signal Processing	DOI 10.1007/s00034-016-0346-z
84	Speed-up hyperspheres homotopic path tracking algorithm for PWL circuits simulations	ene-jun 2016	A. Ramirez-Pinero, H. Vazquez-Leal, V. M. Jimenez-Fernandez, H. M. Sedighi, M. M. Rashidi, U. Filobello-Nino, R. Castaneda-Sheissa, J. Huerta-Chua, L. A. Sarmiento-Reyes , J. R. Laguna-Camacho and F. Castro-Gonzalez	SpringerPlus	DOI 10.1186/s40064-016-2534-5
85	FPGA-based test bed for measurement of AM/AM and AM/PM distortion and modeling memory effects in RF PAs	ene-jun 2016	José Cruz Núñez-Pérez, José Ricardo Cárdenas-Valdez, Katherine Montoya-Villegas, J. Apolinar Reynoso-Hernández, José Raúl Loo-Yau, Christian Gontrand, Esteban Tlelo-Cuautle	INTEGRATION-THE VLSI JOURNAL	http://dx.doi.org/10.1016/j.vlsi.2015.06.007
86	Piecewise physical modeling of series resistance and inductance of on-chip interconnects	ene-jun 2016	Diego M. Cortés-Hernández, Reydezel Torres-Torres , Mónico Linares-Aranda , Oscar González-Díaz	Solid-State Electronics	http://dx.doi.org/10.1016/j.sse.2016.02.011

5.9.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
87	An experimental distribution of analog and digital information in a hybrid wireless visible light communication system based on acousto-optic modulation and sinusoidal gratings	ene-jun 2016	R Gómez Colín, A García Juárez, I E Zaldívar Huerta, A Vera Marquina, L A García Delgado, A L Leal Cruz and R Gómez Fuentes	Journal of Optics	doi:10.1088/2040-8978/18/3/035701
88	Demonstration and experimental evaluation of a bi-directional 10-GHz microwave photonic filter	ene-jun 2016	I. E. Zaldívar-Huerta, A. G. Correa-Mena, P. Hernández-Nava, A. García-Juárez, J. Rodríguez-Asomoza, MinWonLee	Optics & Laser Technology	http://dx.doi.org/10.1016/j.optlastec.2016.03.023
89	An optoelectronic circuit with a light source, an optical waveguide and a sensor on silicon: Results and analysis of a novel system	ene-jun 2016	J. Alarcón-Salazar n, I. E. Zaldívar-Huerta, M. Aceves-Mijares	Optics & Laser Technology	http://dx.doi.org/10.1016/j.optlastec.2016.04.013
90	Coherence properties of the electric field generated by an incoherent source of currents distributed on the surface of a sphere	ene-jun 2016	JORGE R. ZURITA-SÁNCHEZ	Journal of the Optical Society of America A	http://dx.doi.org/10.1364/JOSAA.33.000118
91	Hermetic capacitive pressure sensors for biomedical applications	ene-jun 2016	Daniela Díaz-Alonso, Mario Moreno-Moreno, Carlos Zuñiga, Joel Molina Reyes, Wilfrido Calleja, Juan Carlos Cisneros, Luis Niño de Rivera, Volodymyr Ponomaryov, Felix Gil Angel Guillen Efrain Rubio	Microelectronics International	http://dx.doi.org/10.1108/MI-05-2015-0046
92	A noise-Robust Positive-Feedback Floating-Gate Logic	ene-jun 2016	LUIS F. CISNEROS-SINENCIO, ALEJANDRO DIAZ-SANCHEZ, JAIME RAMIREZ-ANGULO	IEICE TRANSACTIONS on Electronics	DOI: 10.1587/transele.E99.C.452
93	Analog Integrated Circuits and Signal Processing A current mode instrumentation amplifier based on the flipped voltage follower in 0.50um CMOS	ene-jun 2016	Gregorio Zamora-Mejía, Jaime Martínez-Castillo, José Miguel Rocha-Pérez and Alejandro Díaz-Sánchez	Analog Integrated Circuits and Signal Processing	DOI: 10.1007/s10470-016-0731-3
94	A Digitally Enhanced LDO Voltage Regulator For UHF RFID Passive Tags	ene-jun 2016	Gregorio Zamora-Mejía, Jaime Martínez-Castillo, José Miguel Rocha-Pérez and Alejandro Díaz-Sánchez	IEICE Electronics Express	DOI: 10.1587/elex.13.20150989
95	Low power two-stage comb decimation structures for high decimation factors	ene-jun 2016	Gerardo Molina Salgado, Gordana Jovanovic Dolecek & Jose M. de la Rosa	Analog Integrated Circuits and Signal Processing	DOI 10.1007/s10470-016-0700-x
96	CHARACTERIZATION OF AMORPHOUS CuS THIN FILMS OBTAINED FROM FAST TIME AND LOW TEMPERATURE OF DEPOSITION	ene-jun 2016	A. CARRILLO CASTILLO, R. C. AMBROSIO LÁZARO, E. M. LIRA OJEDA, M. A. DE LA MOTA GONZÁLEZ, M. A. QUEVEDO LÓPEZ, M. MORENO MORENO, V. R. GONZALEZ DIAZ, J. F. GUERRERO CASTELLANOS	Chalcogenide Letters	http://www.chalcogen.ro/217_CarrilloA.pdf
97	Solution-processed transparent dielectric based on spin-on glass for electronic devices	ene-jun 2016	M.A. Dominguez, J.A. Luna-Lopez, M. Moreno Moreno, A. Orduña, M. García, S. Alcantara and S. Soto	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/3/62_3_282.pdf
98	DUAL-BAND DIFFERENTIAL FILTER WITH COMPLETE BAND INDEPENDENCE	ene-jun 2016	Alonso Corona-Chavez, Tejinder Kaur Kataria, and Jose Luis Olvera-Cervantes	Microwave and Optical Technology Letters	10.1002/mop.29680
99	Smart Switch to Connect and Disconnect Electrical Devices at Home by Using Internet	ene-jun 2016	J. E. G. Salas, R. M. Caporal, E. B. Huerta, J. J. Rodriguez and J. J. R. Magdaleno	IEEE LATIN AMERICA TRANSACTIONS	http://www.ewh.ieee.org/reg/9/etrans/iee e/issues/vol14/vol14issue4April2016/14TLA_4_05GiralSala.pdf
100	Impact of planarized gate electrode in bottom-gate thin-film transistors	ene-jun 2016	M.A. Domínguez, P. Rosales, A. Torres Jácome, F. Flores, J.A. Luna, S. Alcantara, and M. Moreno Moreno	Revista Mexicana de Física	http://rmf.smf.mx/pdf/rmf/62/3/62_3_223.pdf
101	Latent fingerprint identification using deformable minutiae clustering	ene-jun 2016	Miguel Angel Medina-Pérez, Aythami Morales Moreno, Miguel Ángel Ferrer Ballester, Milton García-Borroto, Octavio Loyola-González, Leopoldo Altamirano-Robles	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.05.130
102	Improving Graph-Based Image Classification by using Emerging Patterns as Attributes	ene-jun 2016	Niusvel Acosta-Mendoza, Andrés Gago-Alonso, Jesús Ariel Carrasco-Ochoa, José F Martínez-Trinidad, José E Medina-Pagola	Engineering Applications of Artificial Intelligence	http://dx.doi.org/10.1016/j.engappai.2016.01.030
103	PGGP: Prototype Generation via Genetic Programming	ene-jun 2016	Hugo Jair Escalante, Mario Graff, Alicia Morales-Reyes	Applied Soft Computing	http://dx.doi.org/10.1016/j.asoc.2015.12.015
104	Study of the Impact of Resampling Methods for Contrast Pattern based Classifiers in Imbalanced Databases	ene-jun 2016	Octavio Loyola-González, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa, Milton García-Borroto	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.04.120
105	Editorial Special Issue MCPR 2014: Advances in pattern recognition methodologies and applications	ene-jun 2016	C.Y. Suen, J.F. Martínez-Trinidad, J.A. Carrasco-Ochoa and J.A. Olvera-Lopez	Neurocomputing	DOI: 10.1016/j.neucom.2015.09.107
106	Improving the BoVW via discriminative visual n-grams and MKL strategies	ene-jun 2016	A. Pastor López-Monroy, Manuel Montes-y-Gómez, Hugo Jair Escalante, Angel Cruz-Roa, Fabio A. González	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.10.053
107	A Scalable and Customizable Processor Array for Implementing Cellular Genetic Algorithms	ene-jun 2016	Martin Letras, Alicia Morales-Reyes, Rene Cumplido	Neurocomputing	http://dx.doi.org/10.1016/j.neucom.2015.05.128
108	Contemplating The Next Manoeuvre TM : Functional Neuroimaging Reveals Intra-Operative Decision Making Strategies	ene-jun 2016	Daniel R. Leff, Gabriella Yongue, Ivo Vlaev, Felipe Orihuela-Espina, David James, Michael Taylor, Thanos Athanasiou, Roy Dolan, Guang-Zhong Yang, Ara W. Darzi	ANNALS OF SURGERY	DOI: 10.1097/SLA.0000000000001651
109	An efficient validation approach for quasi-synchronous checkpointing oriented to distributed diagnosability	ene-jun 2016	Houda Khlif, Hatem Hadj Kacem, Saúl E. Pomares Hernandez, Ahmed Hadj Kacem, Cédric Eichler, Alberto Calixto Simón	Journal of Systems and Software	http://dx.doi.org/10.1016/j.jss.2016.04.070
110	Implementing a fuzzy inference system in a multi-objective EEG channel selection model for imagined speech classification	ene-jun 2016	Alejandro A. Torres-García, Carlos A. Reyes-García, Luis Villaseñor-Pineda, Gregorio García-Aguilar	EXPERT SYSTEMS WITH APPLICATIONS	http://dx.doi.org/10.1016/j.eswa.2016.04.011
111	Generating a 50-scroll chaotic attractor at 66 MHz by using FPGAs	ene-jun 2016	E. Tielo-Cuautle, A. D. Pano-Azucena, J. J. Rangel Magadaleno, V. H. Carbajal-Gomez, and Gustavo Rodriguez-Gomez	Nonlinear Dynamics	DOI: 10.1007/s11071-016-2820-3
112	Hierarchical multilabel classification based on path evaluation	ene-jun 2016	Mallinali Ramirez-Corona, L Enrique Sucar, Eduardo F Morales	International Journal of Approximate Reasoning	http://dx.doi.org/10.1016/j.ijar.2015.07.008
113	Evolving weighting schemes for the Bag of Visual Words	ene-jun 2016	Hugo Jair Escalante, Víctor Ponce-López, Sergio Escalera, Xavier Baró, Alicia Morales-Reyes, José Martínez-Carranza	Neural Computing and Applications	DOI: 10.1007/s00521-016-2223-x
114	A naïve Bayes baseline for early gesture recognition	ene-jun 2016	Hugo Jair Escalante, Eduardo F. Morales, L. Enrique Sucar	Pattern Recognition Letters	http://dx.doi.org/10.1016/j.patrec.2016.01.013
115	An online and incremental GRLVQ algorithm for prototype generation based on granular computing	ene-jun 2016	Israel Cruz-Vega, Hugo Jair Escalante	Soft Computing	DOI 10.1007/s00500-016-2042-0
116	Time series forecasting with genetic programming	ene-jun 2016	Mario Graff, Hugo Jair Escalante, Fernando Ornelas-Tellez, Eric S. Tellez	Natural Computing	DOI: 10.1007/s11047-015-9536-z
117	Surrogate modeling based on an adaptive network and granular computing	ene-jun 2016	Israel Cruz-Vega, Hugo Jair Escalante, Carlos A. Reyes, Jesus A. Gonzalez, Alejandro Rosales-Pérez	Soft Computing	DOI: 10.1007/s00500-015-1605-9
118	A systematic study of knowledge graph analysis for cross-language plagiarism detection	ene-jun 2016	Marc Salvador-Franco, Paolo Rosso, Manuel Montes	Information Processing and Management	http://dx.doi.org/10.1016/j.ipm.2015.12.004
119	Estimation of temporal gait parameters using Bayesian models on acceleration signals	ene-jun 2016	Irvin Hussen López-Nava, Angélica Muñoz-Meléndez, Alberto Isaac Pérez-Sanpablo, Aldo Alessi Montero, Ivett Quiñones Urióstegui, Lidia Nuñez Carrera	Computer Methods in Biomechanics and Biomedical Engineering	doi: 10.1080/10255842.2015.1032945
120	Classification of bipolar disorder episodes based on analysis of voice and motor activity of patients	ene-jun 2016	Alban Maxhuni, Angélica Muñoz-Meléndez, Venet Osmania, Humberto Pérez, Oscar Mayora, Eduardo F. Morales	Pervasive and Mobile Computing	http://dx.doi.org/10.1016/j.pmcj.2016.01.008
121	Robot training for hand motor recovery in subacute stroke patients; a randomised controlled trial	ene-jun 2016	Felipe Orihuela-Espina, Giovana Femat Roldán, Israel Sánchez-Villavicencio, Lorena Palafox, Ronald Leder, Luis Enrique Sucar, Jorge Hernández-Franco	Journal of Hand Therapy	DOI: 10.1016/j.jht.2015.11.006

5.9.1. PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
122	Automatic approach to solve the morphological galaxy classification problem using the sparse representation technique and dictionary learning	ene-jun 2016	Díaz-Hernandez, R., Ortiz-Esquivel, A., Peregrina-Barreto, H., Altamirano-Robles, L., & Gonzalez-Bernal, J	Experimental Astronomy	DOI: 10.1007/s10686-016-9495-0
123	An FPGA stereo matching unit based on fuzzy logic	ene-jun 2016	M. Pérez-Patricioa, Abiel Aguilar-González, M. Arias-Estrada, H.R. Hernández-De León, J.L. Camas-Anzueto, J.A. de Jesús Osuna-Coutiño	Microprocessors and Microsystems	http://dx.doi.org/10.1016/j.micpro.2015.10.011
124	Indoor MAV Auto-Retrieval Using Fast 6D Relocalisation	ene-jun 2016	José Martínez-Carranza, Richard Bostock, Simon Willcox, Ian Cowling, Walterio Mayol-Cuevas	Advanced Robotics	10.1080/01691864.2015.1094409
125	A new algorithm for computing reducts based on the binary discernibility matrix	ene-jun 2016	Manuel S. Lazo-Cortes, Jose Fco. Martinez-Trinidad, Jesus A. Carrasco-Ochoa, Guillermo Sanchez-Diaz	Intelligent Data Analysis	10.3233/IDA-160807
126	Fault Tolerance Approach Based on Checkpointing towards Dependable Business Processes	ene-jun 2016	Mariano Vargas Santiago; Saul Eduardo Pomares Hernandez ; Luis Alberto Morales Rosales; Hatem Hadj Kacem	IEEE Latin America Transactions	10.1109/TLA.2016.7459628
127	Baldwin Effect and Additional BLR Component in AGN with Superluminal Jets	ene-jun 2016	Patino Álvarez, V. (est.), Torrealba, J., Chavushyan, V., Cruz González, I., Arshakian, T., León-Tavares, J., Popovic, L.	Frontiers in Astronomy and Space Sciences	http://dx.doi.org/10.3389/fspas.2016.00019
128	Concordancia diagnóstica entre los métodos visual e informático en la detección de metástasis por gammagrafía ósea en cáncer de próstata	ene-jun 2016	Blanca Zapote-Hernández, José Carlos Cruz-Santiago, Emmanuel González-Vargas, Alberto Jaramillo-Núñez	Anales de Radiología México	http://www.medigraphic.com/pdfs/anarad/mex/arm-2016/arm162e.pdf
129	Status and opportunities for future use of terahertz radiation for clinical applications	ene-jun 2016	C.G. Treviño-Palacios	Photonics & Lasers in Medicine	https://www.researchgate.net/publication/282401745_Status_and_opportunities_for_future_use_of_terahertz_radiation_for_clinical_applications
130	A super-Gaussian discrete cosine transform filter for the detection of pathologies in retinographies	ene-jun 2016	Luis David Lara-Rodríguez, Gonzalo Urcid	International Journal of Engineering Science and Innovative Technology	http://www.ijesit.com/Volume%205/Issue%203/IJESIT201603_01.pdf
131	Mammograms calcifications segmentation based on band-pass Fourier filtering and adaptive statistical thresholding	ene-jun 2016	Elizabeth López-Meléndez, Gonzalo Urcid	European International Journal of Science and Technology	http://www.eijst.org.uk/images/frontImages/gallery/Vol_5_No_3/7_51-63.pdf
132	A CMOS-MEMS Test Chip for process control feedback on materials and devices properties	ene-jun 2016	Carlos Ramón Báez Álvarez, Mónico Linares Aranda, Wilfrido Calleja Arriaga, Alfonso Torres Jacome	European International Journal of Science and Technology	http://www.eijst.org.uk/images/frontImages/gallery/Vol_5_No_3/12_105-115.pdf
133	A Generic MEMS Fabrication Process Based on a Thermal Budget Approach	ene-jun 2016	Carlos Ramón Báez Álvarez, Mónico Linares Aranda, Alfonso Torres Jácome, Mario Moreno Moreno, Joel Molina Reyes, Carlos Zúñiga Islas, Wilfrido Calleja Arriaga	Journal of Electronics Cooling and Thermal Control	http://dx.doi.org/10.4236/jectc.2016.62009
134	Amorphous Silicon-Germanium Films with Embedded Nanocrystals for Thermal Detectors with Very High Sensitivity	ene-jun 2016	Cesar Calleja, Alfonso Torres, Pedro Rosales-Quintero, and Mario Moreno	Journal of Nanotechnology	http://dx.doi.org/10.1155/2016/5807940
135	Effects of hydrogen dilution and B-doping on the density of Si-C bonds and properties of a-Si _{1-x} C _x :H films	ene-jun 2016	J. Herrera-Celis, C. Reyes-Betanzo, A. Itzmoyotl- Toxqui	Superficies y Vacío	http://smctsm.org.mx/ojs/index.php/SyV/article/view/51/33
136	Physical Aspects of Negative Oxide Charge in p-MOS Capacitors with Annealed ITO Gates	ene-jun 2016	Oleksandr Malik, F. Javier De la Hidalga-Wade	International Journal of Engineering and Applied Sciences (IJEAS)	https://www.ijeas.org/download_data/IJEAS0304031.pdf
137	Evaluación de diversas variantes de Indexado Aleatorio aplicadas a la categorización de documentos en el contexto del Aprendizaje en Línea	ene-jun 2016	Adrian Fonseca Bruzón, Aurelio López-López, José E. Medina Pagola	Revista Cubana de Ciencias Informáticas	http://scielo.sld.cu/pdf/rcci/v10n1/rcci13116.pdf
138	Monitoreo del tránsito vehicular basado en Mobile Phone Sensing	ene-jun 2016	J. Vargas-Ubera, G. Rodríguez-Gómez y S. E. Pomares-Hernández	SISTEMAS, CIBERNÉTICA E INFORMÁTICA	http://www.iiisci.org/journal/CVS/risci/pdfs/CA605DW15.pdf