

PUBLICACIONES ARBITRADAS

N°	Título	Año	Autores	Revista	DOI
1	A Radio-to-mm Census of Star-forming Galaxies in Protocluster 4C23.56 at $Z = 2.5$: Gas Mass and Its Fraction Revealed with ALMA	2017	Lee, Minju M.; Tanaka, Ichi; Kawabe, Ryohei; Kohno, Kotaro; Kodama, Tadayuki; Kajisawa, Masaru; Yun, Min S.; Nakanishi, Kouichiro; Iono, Daisuke; Tamura, Yoichi; Hatsukade, Bunyo; Umehata, Hideki; Saito, Toshiaki; Izumi, Takuma; Aretxaga, Itziar; Tadaki, Ken-ichi; Zeballos, Milagros; Ikarashi, Soh; Wilson, Grant W.; Hughes, David H.; Ivison, R. J.	The Astrophysical Journal	10.3847/1538-4357/aa74c2
2	A deep ALMA image of the Hubble Ultra Deep Field	2017	Dunlop, J. S.; McLure, R. J.; Biggs, A. D.; Geach, J. E.; Michałowski, M. J.; Ivison, R. J.; Rujopakarn, W.; van Kampen, E.; Kirkpatrick, A.; Pope, A.; Scott, D.; Swinbank, A. M.; Targett, T. A.; Aretxaga, I.; Austermann, J. E.; Best, P. N.; Bruce, V. A.; Chapin, E. L.; Charlot, S.; Cirasuolo, M.; Coppin, K.; Ellis, R. S.; Finkelstein, S. L.; Hayward, C. C.; Hughes, D. H.; Ibar, E.; Jagannathan, P.; Khochfar, S.; Koprowski, M. P.; Narayanan, D.; Nyland, K.; Papovich, C.; Peacock, J. A.; Rieke, G. H.; Robertson, B.; Vernstrom, T.; Werf, P. P. van der; Wilson, G. W.; Yun, M.	MNRAS	10.1093/mnras/stw3088
3	Calibration of a large water-Cherenkov detector at the Sierra Negra site of LAGO	2017	A.Galindo, E.Moreno, E.Carrasco, I.Torres, A.Carramiñana, M. Bonilla, H. Salazar, R.Conde	Nuclear Instruments and Methods in Physics Research A.	10.1016/j.nima.2017.03.055
4	Aperture-free star formation rate of SDSS star-forming galaxies	2017	Duarte Puertas, S.; Vilchez, J. M.; Iglesias-Páramo, J.; Kehrig, C.; Pérez-Montero, E.; Rosales-Ortega, F. F.	Astronomy & Astrophysics	10.1051/0004-6361/201629044
5	Coexistence of a non-thermal jet and a complex ultra-fast X-ray outflow in a moderately luminous AGN	2017	Giroletti, M.; Panessa, F.; Longinotti, A. L.; Krongold, Y.; Guainazzi, M.; Costantini, E.; Santos-Lleo, M.	Astronomy & Astrophysics	10.1051/0004-6361/201630161

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N°	Título	Año	Autores	Revista	DOI
6	Daily Monitoring of TeV Gamma-Ray Emission from Mrk 421, Mrk 501, and the Crab Nebula with HAWC	2017	Abeysekara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Barber, A. S.; Bautista-Elivar, N.; Becerra Gonzalez, J.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; De León, C.; De la Fuente, E.; Diaz Hernandez, R.; Dingus, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Engel, K.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Garfias, F.; Gerhardt, M.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hona, B.; Hui, C. M.; Hütemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lara, A.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martínez, O.; Martínez-Castellanos, I.; Martínez-Castro, J.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Weisgarber, T.; Westerkhoff, S.; Wisher, I. G.; Wood, J.; Yapici, T.; Younk, P. W.; Zepeda, A.; Zhou, H.	The Astrophysical Journal	10.3847/1538-4357/aa729e
7	Direct probe of the inner accretion flow around the supermassive black hole in NGC 2617	2017	Giustini, M.; Costantini, E.; De Marco, B.; Svoboda, J.; Motta, S. E.; Proga, D.; Saxton, R.; Ferrigno, C.; Longinotti, A. L.; Miniutti, G.; Grupe, D.; Mathur, S.; Shappee, B. J.; Prieto, J. L.; Stanek, K.	Astronomy & Astrophysics	10.1051/0004-6361/201628686
8	Discovery of a low-mass companion inside the debris ring surrounding the F5V star HD 206893	2017	Milli, J.; Hiben, P.; Christiaens, V.; Choquet, É.; Bonnefoy, M.; Kennedy, G. M.; Wyatt, M. C.; Absil, O.; Gómez González, C. A.; del Burgo, C.; Matrà, L.; Augereau, J.-C.; Boccaletti, A.; Delacroix, C.; Ertel, S.; Dent, W. R. F.; Forsberg, P.; Fusco, T.; Girard, J. H.; Habraken, S.; Huby, E.; Karlsson, M.; Lagrange, A.-M.; Mawet, D.; Mouillet, D.; Perrin, M.; Pinte, C.; Pueyo, L.; Reyes, C.; Soummer, R.; Surdej, J.; Tarricq, Y.; Wahhaj, Z.	Astronomy & Astrophysics	10.1051/0004-6361/201629908
9	Early science with the Large Millimeter Telescope: molecules in the extreme outflow of a protoplanetary nebula	2017	Gómez-Ruiz, A. I.; Guzman-Ramírez, L.; Serrano, E. O.; Sánchez-Argüelles, D.; Luna, A.; Schloerb, F. P.; Narayanan, G.; Yun, M. S.; Sahai, R.; Zijlstra, A. A.; Chavez-Dagostino, M.; Montaña, A.; Hughes, D. H.; Rodríguez, M.	MNRAS	10.1093/mnras/slw259

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N°	Título	Año	Autores	Revista	DOI
10	Extremely Red Submillimeter Galaxies: New $z \geq 4-6$ Candidates Discovered using ALMA and Jansky VLA	2017	Ikarashi, Soh; Ivison, R. J.; Caputi, Karina I.; Nakanishi, Kouichiro; Lagos, Claudia D. P.; Ashby, M. L. N.; Aretxaga, Itziar; Dunlop, James S.; Hatsukade, Bunyo; Hughes, David H.; Iono, Daisuke; Izumi, Takuma; Kawabe, Ryohei; Kohno, Kotaro; Motohara, Kentaro; Ohta, Kouji; Tamura, Yoichi; Umehata, Hideki; Wilson, Grant W.; Yabe, Kiyoto; Yun, Min S.	The Astrophysical Journal	10.3847/1538-4357/835/2/286
11	First Scattered-light Images of the Gas-rich Debris Disk around 49 Ceti	2017	Choquet, Élodie; Milli, Julien; Wahhaj, Zahed; Soummer, Rémi; Roberge, Aki; Augereau, Jean-Charles; Booth, Mark; Absil, Olivier; Boccaletti, Anthony; Chen, Christine H.; Debes, John H.; del Burgo, Carlos; Dent, William R. F.; Ertel, Steve; Girard, Julien H.; Gofas-Salas, Elena; Golimowski, David A.; Gómez González, Carlos A.; Brendan Hagan, J.; Hibon, Pascale; Hines, Dean C.; Kennedy, Grant M.; Lagrange, Anne-Marie; Matrà, Luca; Mawet, Dimitri; Mouillet, David; N'Diaye, Mamadou; Perrin, Marshall D.; Pinte, Christophe; Pueyo, Laurent; Rajan, Abhijith; Schneider, Glenn; Wolf, Schuyler; Wyatt, Mark	The Astrophysical Journal	10.3847/2041-8213/834/2/L12
12	GTC Observations of an Overdense Region of LAEs at $z=6.5$	2017	Chanchaiworawit, K.; Guzmán, R.; Rodríguez Espinosa, J. M.; Castro Rodríguez, N.; Salvador-Solé, E.; Calvi, R.; Gallego, J.; Herrero, A.; Manrique, A.; Marín Franch, A.; Mas-Hesse, J. M.; Aretxaga, I.; Carrasco, E.; Terlevich, E.; Terlevich, R.	MNRAS	10.1093/mnras/stx782
13	Hints on the Gradual Resizing of the Torus in AGNs through Decomposition of Spitzer/IRS Spectra	2017	González-Martín, Omaisra; Masegosa, Josefa; Hernán-Caballero, Antonio; Márquez, Isabel; Ramos Almeida, Cristina; Alonso-Herrero, Almudena; Aretxaga, Itziar; Rodríguez-Espinosa, José Miguel; Acosta-Pulido, Jose Antonio; Hernández-García, Lorena; Esparza-Arredondo, Donaji; Martínez-Paredes, Mariela; Bonfini, Paolo; Pasetto, Alice; Dultzin, Deborah	The Astrophysical Journal	10.3847/1538-4357/aa6f16
14	Hubble Space Telescope observations of BALQSO Ton 34 reveal a connection between the broad-line region and the BAL outflow	2017	Krongold, Y.; Binette, L.; Bohlin, R.; Bianchi, L.; Longinotti, A. L.; Mathur, S.; Nicastro, F.; Gupta, A.; Negrete, C. A.; Hernandez-Ibarra, F.	MNRAS	10.1093/mnras/stx669
15	Mg, Al, Si, Ca, Ti, Fe, and Ni abundance for a sample of solar analogues	2017	López-Valdivia, Ricardo; Bertone, Emanuele; Chávez, Miguel	MNRAS	10.1093/mnras/stx249

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16	Multiband variability studies and novel broadband SED modeling of Mrk 501 in 2009	2017	Ahnen, M. L.; Ansoldi, S.; Antonelli, L. A.; Antoranz, P.; Babic, A.; Banerjee, B.; Bangale, P.; Barres de Almeida, U.; Barrio, J. A.; Becerra González, J.; Bednarek, W.; Bernardini, E.; Berti, A.; Biasuzzi, B.; Biland, A.; Blanch, O.; Bonnefoy, S.; Bonnoli, G.; Borracci, F.; Bretz, T.; Buson, S.; Carosi, A.; Chatterjee, A.; Clavero, R.; Colin, P.; Colombo, E.; Contreras, J. L.; Cortina, J.; Covino, S.; Da Vela, P.; Dazzi, F.; De Angelis, A.; De Loto, B.; de Oña Wilhelmi, E.; Di Pierro, F.; Doert, M.; Domínguez, A.; Dominis Prester, D.; Dorner, D.; Doro, M.; Einecke, S.; Eisenacher Glawion, D.; Elsaesser, D.; Engelke, M.; Fallah Ramazani, V.; Fernández-Barral, A.; Fidalgo, D.; Fonseca, M. V.; Font, L.; Franzen, K.; Fruck, C.; Galindo, D.; García López, R. J.; Garczarzcyk, M.; Garrido Terrats, D.; Gaug, M.; Giammaria, P.; Godinović, N.; González Muñoz, A.; Gora, D.; Guberman, D.; Hadasch, D.; Hahn, A.; Hanabata, Y.; Hayashida, M.; Herrera, J.; Hose, J.; Hrupec, D.; Hughes, G.; Idec, W.; Kodani, K.; Konno, Y.; Kubo, H.; Kushida, J.; La Barbera, A.; Lelas, D.; Lindfors, E.; Lombardi, S.; Longo, F.; López, M.; López-Coto, R.; Majumdar, P.; Makariev, M.; Mallot, K.; Maneva, G.; Manganaro, M.; Mannheim, K.; Maraschi, L.; Marcote, B.; Mariotti, M.; Martínez, M.; Mazin, D.; Menzel, U.; Miranda, J. M.; Mirzoyan, R.; Moralejo, A.; Moretti, E.; Nakajima, D.; Neustroev, V.; Niedzwiecki, A.; Nieves Rosillo, M.; Nilsson, K.; Nishijima, K.; Noda, K.; Nogués, L.; Overkemping, A.; Paiano, S.; Palacio, J.; Palatiello, M.; Paneque, D.; Paoletti, R.; Paredes, J. M.; Paredes-Fortuny, X.; Pedalletti, G.; Peresano, M.; Perri, L.; Persic, M.; Poutanen, J.; Prada Moroni, P. G.; Prandini, E.; Pujak, I.; Reichardt, I.; Rhode, W.; Ribó, M.; Rico, J.; Rodríguez García, J.; Saito, T.; Satalecka, K.; Schröder, S.; Schultz, C.; Schweizer, T.; Shore, S. N.; Sillanpää, A.; Sitarek, J.; Snidarić, I.; Sobczynska, D.; Stamerra, A.; Steinbring, T.; Strzys, M.; Surić, T.; Takalo, L.; Tavecchio, F.; Temnikov, P.; Terzić, T.; Tesaro, D.; Teshima, M.; Thaele, J.; Torres, D. F.; Toyama, T.; Treves, A.; Vanzo, G.; Verguillo, V.; Vovk, I.; Ward, J. E.; Will, M.; Wu, M. H.; Zanin, R.; Abeysekara, A. U.; Archambault, S.; Archer, A.; Benbow, W.; Bird, R.; Buchovec, M.; Buckley, J. H.; Bugaev, V.; Connolly, M. P.; Cui, W.; Dickinson, H. J.; Falcone, A.; Feng, Q.; Finley, J. P.; Fleischhack, H.; Flinders, A.; Fortson, L.; Gillanders, G. H.; Griffin, S.; Grube, J.; Hütten, M.; Hanna, D.; Holder, J.; Humensky, T. B.; Kaaret, P.; Kar, P.; Kelley-Hoskins, N.; Kertzman, M.; Kieda, D.; Krause, M.; Krennrich, F.; Lang, M. J.; Maier, G.; McCann, A.; Moriarty, P.; Mukherjee, R.; Nieto, D.; O'Brien, S.; Ong, R. A.; Otte, N.; Park, N.; Perkins, J.; Pichel, A.; Pohl, M.; Popkow, A.; Pueschel, E.; Quinn, J.; Ragan, K.; Reynolds, P. T.; Richards, G. T.; Roache, E.; Rovero, A. C.; Rulten, C.; Sadeh, I.; Santander, M.; Sembroski, G. H.; Shahinyan, K.; Tezhinsky, I.; Tucci, J. V.; Tyler, J.; Wakely, S. P.; Weinstein, A.; Wilcox, P.; Wilhelm, A.; Williams, D. A.; Zitzer, B.; Razaque, S.; Villata, M.; Raiteri, C. M.; Aller, H. D.; Aller, M. F.; Larionov, V. M.; Arkharov, A. A.; Blinov, D. A.; Efimova, N. V.; Grishina, T. S.; Hagen-Thorn, V. A.; Kopatskaya, E. N.; Larionova, L. V.; Larionova, E. G.; Morozova, D. A.; Troitsky, I. S.; Ligustri, R.; Calciolone, P.; Berdyugin, A.; Kurtanidze, O. M.; Nikolashvili, M. G.; Kimeridze, G. N.; Sigua, L. A.; Kurtanidze, S. O.; Chigladze, R. A.; Chen, W. P.; Koptelova, E.; Sakamoto, T.; Sadun, A. C.; Moody, J. W.; Pace, C.; Pearson, R.; Yatsu, Y.; Mori, Y.; Carramiñana, A.; Carrasco, L.; de la Fuente, E.; Norris, J. P.; Smith, P. S.; Wehrle, A.; Gurwell, M. A.; Zook, A.; Pagani, C.; Perri, M.; Capalbi, M.; Cesarini, A.; Krimm, H. A.; Kovalev, Y. Y.; Kovalev, Yu. A.; Ros, E.; Pushkarev, A. B.; Lister, M. L.; Sokolovsky, K. V.; Kadler, M.; Piner, G.; Lähteenmäki, A.; Tornikoski, M.; Angelakis, E.; Krichbaum, T. P.; Nestoras, I.; Fuhrmann, L.; Zensus, J. A.; Cassaro, P.; Oriati, A.; Maccaferri, G.; Leto, P.; Giroletti, M.; Richards, J. L.; Max-Moerbeck, W.; Readhead, A. C. S.	Astronomy & Astrophysics	10.1051/0004-6361/201629540
17	Multiwavelength Study of the Star Formation in the S237 H II Region	2017	Dewangan, L. K.; Ojha, D. K.; Zinchenko, I.; Janardhan, P.; Luna, A.	The Astrophysical Journal	10.3847/1538-4357/834/1/22
18	Nature of shocks revealed by SOFIA OI observations in the Cepheus E protostellar outflow	2017	Gusdorf, A.; Anderl, S.; Lefloch, B.; Leurini, S.; Wiesemeyer, H.; Güsten, R.; Benedettini, M.; Codella, C.; Godard, B.; Gómez-Ruiz, A. I.; Jacobs, K.; Kristensen, L. E.; Lesaffre, P.; Pineau des Forêts, G.; Lis, D. C.	Astronomy & Astrophysics	10.1051/0004-6361/201730454

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N°	Título	Año	Autores	Revista	DOI
19	Observation of the Crab Nebula with the HAWC Gamma-Ray Observatory	2017	Abeysekara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Ayala Solares, H. A.; Barber, A. S.; Bautista-Elivar, N.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Berley, D.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; de la Fuente, E.; De León, C.; DeYoung, T.; Dings, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Gerhardt, M.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hinton, J.; Hui, C. M.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lara, A.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martínez, O.; Martínez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wisner, I. G.; Wood, J.; Yapici, T.; Yodh, G. B.; Younk, P. W.; Zepeda, A.; Zhou, H.	The Astrophysical Journal	10.3847/1538-4357/aa7555
20	Search for Very High-energy Gamma Rays from the Northern Fermi Bubble Region with HAWC	2017	Abeysekara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Ayala Solares, H. A.; Barber, A. S.; Bautista-Elivar, N.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Berley, D.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; De León, C.; De la Fuente, E.; Díaz Hernandez, R.; Dings, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Engel, K.; Fick, B.; Fiorino, D. W.; Fleischhack, H.; Fraija, N.; García-González, J. A.; Garfías, F.; Gerhardt, M.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hinton, J.; Hona, B.; Hui, C. M.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lara, A.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martínez, O.; Martínez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Weisgarber, T.; Westerhoff, S.; Wisner, I. G.; Wood, J.; Yapici, T.; Yodh, G. B.; Zepeda, A.; Zhou, H.	The Astrophysical Journal	10.3847/1538-4357/aa751a

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N°	Título	Año	Autores	Revista	DOI
21	Search for Very-high-energy Emission from Gamma-Ray Bursts Using the First 18 Months of Data from the HAWC Gamma-Ray Observatory	2017	Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Barber, A. S.; Bautista-Elivar, N.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; De la Fuente, E.; De León, C.; DeYoung, T.; Diaz Hernandez, R.; Dings, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Engel, K.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Garfias, F.; Gerhardt, M.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez-Almada, A.; Hernandez, S.; Hona, B.; Hui, C. M.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martinez, O.; Martinez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Noriega-Papaqui, R.; Pelayo, R.; Pérez-Pérez, E. G.; Pretz, J.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Weisgarber, T.; Westerhoff, S.; Wood, J.; Yapici, T.; Younk, P. W.; Zepeda, A.; Zhou, H.; The HAWC collaboration	The Astrophysical Journal	10.3847/1538-4357/aa756f
22	Stellar kinematics across the Hubble sequence in the CALIFA survey: general properties and aperture corrections	2017	Falcón-Barroso, J.; Lyubenova, M.; van de Ven, G.; Mendez-Abreu, J.; Aguerri, J. A. L.; García-Lorenzo, B.; Bekeraite, S.; Sánchez, S. F.; Husemann, B.; García-Benito, R.; Mast, D.; Walcher, C. J.; Zibetti, S.; Barrera-Ballesteros, J. K.; Galbany, L.; Sánchez-Blázquez, P.; Singh, R.; van den Bosch, R. C. E.; Wild, V.; Zhu, L.; Bland-Hawthorn, J.; Cid Fernandes, R.; de Lorenzo-Cáceres, A.; Gallazzi, A.; González Delgado, R. M.; Marino, R. A.; Márquez, I.; Pérez, E.; Pérez, I.; Roth, M. M.; Rosales-Ortega, F. F.; Ruiz-Lara, T.; Wisotzki, L.; Ziegler, B.; Califa Collaboration	Astronomy & Astrophysics	10.1051/0004-6361/201628625
23	The 2HWC HAWC Observatory Gamma-Ray Catalog	2017	Abeyskara, A. U.; Albert, A.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Ayala Solares, H. A.; Barber, A. S.; Baughman, B.; Bautista-Elivar, N.; Becerra Gonzalez, J.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Berley, D.; Bernal, A.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; de la Fuente, E.; De León, C.; Diaz Hernandez, R.; Dings, B. L.; DuVernois, M. A.; Díaz-Vélez, J. C.; Ellsworth, R. W.; Engel, K.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Garfias, F.; Gerhardt, M.; González Muñoz, A.; González, M. M.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hinton, J.; Hui, C. M.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lara, A.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; Raya, G. Luis; Luna-García, R.; López-Coto, R.; Malone, K.; Marinelli, S. S.; Martinez, O.; Martinez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pretz, J.; Pérez-Pérez, E. G.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Villaseñor, L.; Weisgarber, T.; Westerhoff, S.; Wisner, I. G.; Wood, J.; Yapici, T.; Younk, P. W.; Zepeda, A.; Zhou, H.	The Astrophysical Journal	10.3847/1538-4357/aa7556

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24	The dusty tori of nearby QSOs as constrained by high-resolution mid-IR observations	2017	Martínez-Paredes, M.; Aretxaga, I.; Alonso-Herrero, A.; González-Martín, O.; Lopéz-Rodríguez, E.; Ramos Almeida, C.; Asensio Ramos, A.; Diaz Santos, T.; Elitzur, M.; Esquej, P.; Hernán-Caballero, A.; Ichikawa, K.; Nikutta, R.; Packham, C.; Pereira-Santaella, M.; Telesco, C.	MNRAS	10.1093/mnras/stx307
25	The HAWC Real-time Flare Monitor for Rapid Detection of Transient Events	2017	Abeyskara, A. U.; Alfaro, R.; Alvarez, C.; Álvarez, J. D.; Arceo, R.; Arteaga-Velázquez, J. C.; Avila Rojas, D.; Ayala Solares, H. A.; Barber, A. S.; Bautista-Elivar, N.; Becerra Gonzalez, J.; Becerril, A.; Belmont-Moreno, E.; BenZvi, S. Y.; Bernal, A.; Braun, J.; Brisbois, C.; Caballero-Mora, K. S.; Capistrán, T.; Carramiñana, A.; Casanova, S.; Castillo, M.; Cotti, U.; Cotzomi, J.; Coutiño de León, S.; De la Fuente, E.; De León, C.; Díaz-Vélez, J. C.; Dingus, B. L.; DuVernois, M. A.; Ellsworth, R. W.; Engel, K.; Fiorino, D. W.; Fraija, N.; García-González, J. A.; Garfias, F.; Gerhardt, M.; González, M. M.; González Muñoz, A.; Goodman, J. A.; Hampel-Arias, Z.; Harding, J. P.; Hernandez, S.; Hernandez-Almada, A.; Hona, B.; Hui, C. M.; Hüntemeyer, P.; Iriarte, A.; Jardin-Blicq, A.; Joshi, V.; Kaufmann, S.; Kieda, D.; Lauer, R. J.; Lee, W. H.; Lennarz, D.; León Vargas, H.; Linnemann, J. T.; Longinotti, A. L.; López-Cámara, D.; López-Coto, R.; Raya, G. Luis; Luna-García, R.; Malone, K.; Marinelli, S. S.; Martínez, O.; Martínez-Castellanos, I.; Martínez-Castro, J.; Martínez-Huerta, H.; Matthews, J. A.; Miranda-Romagnoli, P.; Moreno, E.; Mostafá, M.; Nellen, L.; Newbold, M.; Nisa, M. U.; Noriega-Papaqui, R.; Pelayo, R.; Pérez-Pérez, E. G.; Pretz, J.; Ren, Z.; Rho, C. D.; Rivière, C.; Rosa-González, D.; Rosenberg, M.; Ruiz-Velasco, E.; Salazar, H.; Salesa Greus, F.; Sandoval, A.; Schneider, M.; Schoorlemmer, H.; Sinnis, G.; Smith, A. J.; Springer, R. W.; Surajbali, P.; Taboada, I.; Tibolla, O.; Tollefson, K.; Torres, I.; Ukwatta, T. N.; Vianello, G.; Weisgarber, T.; Westerhoff, S.; Wisner, I. G.; Wood, J.; Yapici, T.; Younk, P. W.; Zepeda, A.; Zhou, H.	The Astrophysical Journal	10.3847/1538-4357/aa789f
26	The impact of atomic data selection on nebular abundance determinations	2017	Juan de Dios, Leticia; Rodríguez, Mónica	MNRAS	10.1093/mnras/stx916
27	The L- σ relation for HII galaxies in green	2017	Melnick, J.; Telles, E.; Bordalo, V.; Chávez, R.; Fernández-Arenas, D.; Terlevich, E.; Terlevich, R.; Bresolin, F.; Pionis, M.; Basilakos, S.	Astronomy & Astrophysics	10.1051/0004-6361/201629728
28	The SCUBA-2 Cosmology Legacy Survey: 850 μ m maps, catalogues and number counts	2017	Geach, J. E.; Dunlop, J. S.; Halpern, M.; Smail, Ian; van der Werf, P.; Alexander, D. M.; Almaini, O.; Aretxaga, I.; Arumugam, V.; Asboth, V.; Banerji, M.; Beanlands, J.; Best, P. N.; Blain, A. W.; Birkinshaw, M.; Chapin, E. L.; Chapman, S. C.; Chen, C.-C.; Chrysostomou, A.; Clarke, C.; Clements, D. L.; Conselice, C.; Coppin, K. E. K.; Cowley, W. I.; Danielson, A. L. R.; Eales, S.; Edge, A. C.; Farrah, D.; Gibb, A.; Harrison, C. M.; Hine, N. K.; Hughes, D.; Ivison, R. J.; Jarvis, M.; Jenness, T.; Jones, S. F.; Karim, A.; Koprowski, M.; Knudsen, K. K.; Lacey, C. G.; Mackenzie, T.; Marsden, G.; McAlpine, K.; McMahon, R.; Meijerink, R.; Michałowski, M. J.; Oliver, S. J.; Page, M. J.; Peacock, J. A.; Rigopoulou, D.; Robson, E. I.; Roseboom, I.; Rotermund, K.; Scott, Douglas; Serjeant, S.; Simpson, C.; Simpson, J. M.; Smith, D. J. B.; Spaans, M.; Stanley, F.; Stevens, J. A.; Swinbank, A. M.; Targett, T.; Thomson, A. P.; Valiante, E.; Wake, D. A.; Webb, T. M. A.; Willott, C.; Zavala, J. A.; Zemcov, M.	MNRAS	10.1093/mnras/stw2721

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29	The SCUBA-2 Cosmology Legacy Survey: the nature of bright submm galaxies from 2 deg ² of 850- μ m imaging	2017	Michałowski, Michał J.; Dunlop, J. S.; Koprowski, M. P.; Cirasuolo, M.; Geach, J. E.; Bowler, R. A. A.; Mortlock, A.; Caputi, K. I.; Aretxaga, I.; Arumugam, V.; Chen, Chian-Chou; McLure, R. J.; Birkinshaw, M.; Bourne, N.; Farrah, D.; Ibar, E.; van der Werf, P.; Zemcov, M.	MNRAS	10.1093/mnras/stx861
30	Evidence of bar-driven secular evolution in the gamma-ray narrow-line Seyfert 1 galaxy FBQS J164442.5+261913	2017	Olguín-Iglesias, A.; Kotilainen, J. K.; León Tavares, J.; Chavushyan, V.; Añorve, C.	MNRAS	10.1093/mnras/stx022
31	Early Science with the Large Millimeter Telescope: Detection of Dust Emission in Multiple Images of a Normal Galaxy at $z > 4$ Lensed by a Frontier Fields Cluster	2017	Pope, Alexandra; Montaña, Alfredo; Battisti, Andrew; Limousin, Marceau; Marchesini, Danilo; Wilson, Grant W.; Alberts, Stacey; Aretxaga, Itziar; Avila-Reese, Vladimir; Ramón Bermejo-Clement, José; Brammer, Gabriel; Bravo-Alfaro, Hector; Calzetti, Daniela; Chary, Ranga-Ram; Cybulski, Ryan; Giavalisco, Mauro; Hughes, David; Kado-Fong, Erin; Keller, Erica; Kirkpatrick, Allison; Labbe, Ivo; Lange-Vagle, Daniel; Lowenthal, James; Murphy, Eric; Oesch, Pascal; Rosa Gonzalez, Daniel; Sánchez-Argüelles, David; Shipley, Heath; Stefanon, Mauro; Vega, Olga; Whitaker, Katherine; Williams, Christina C.; Yun, Min; Zavala, Jorge A.; Zeballos, Milagros	The Astrophysical Journal	10.3847/1538-4357/aa6573
32	The Star-formation Law in Galactic High-mass Star-forming Molecular Clouds	2017	Retes-Romero, R.; Mayya, Y. D.; Luna, A.; Carrasco, L.	The Astrophysical Journal	10.3847/1538-4357/aa6afc
33	The nature of 50 Palermo Swift-BAT hard X-ray objects through optical spectroscopy	2017	Rojas, A. F.; Masetti, N.; Minniti, D.; Jiménez-Bailón, E.; Chavushyan, V.; Hau, G.; McBride, V. A.; Bassani, L.; Bazzano, A.; Bird, A. J.; Galaz, G.; Gavignaud, I.; Landi, R.; Malizia, A.; Morelli, L.; Palazzi, E.; Patiño-Álvarez, V.; Stephen, J. B.; Ubertini, P.	Astronomy & Astrophysics	10.1051/0004-6361/201629463
34	On the redshifts of the BL Lac 3FGL J0909.0+2310 and its close companion	2017	Rosa-González, D.; Coutiño de León, S.; Mayya, Y. D.; Carramiñana, A.; Aretxaga, I.; Becerra González, J.; Furniss, A.; Terlevich, E.; Vega, O.; Méndez-Abreu, J.; León Tavares, J.; Longinotti, A. L.; Terlevich, R.	MNRAS	10.1093/mnras/stw3136
35	Long-term optical spectral monitoring of NGC 7469	2017	Shapovalova, Alla I.; Popović, L. Č.; Chavushyan, V. H.; Afanasiev, V. L.; Ilić, D.; Kovačević, A.; Burenkov, A. N.; Kollatschny, W.; Spiridonova, O.; Valdes, J. R.; Bochkarev, N. G.; Patiño-Alvarez, V.; Carrasco, L.; Zhdanova, V. E.	MNRAS	10.1093/mnras/stx025
36	Gas expulsion versus gas retention: what process dominates in young massive clusters	2017	Silich, Sergiy; Tenorio-Tagle, Guillermo	MNRAS	10.1093/mnras/stw2879

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38	Carbon and oxygen in H II regions of the Magellanic Clouds: abundance discrepancy and chemical evolution	2017	Toribio San Cipriano, L.; Domínguez-Guzmán, G.; Esteban, C.; García-Rojas, J.; Mesa-Delgado, A.; Bresolin, F.; Rodríguez, M.; Simón-Díaz, S.	MNRAS	10.1093/mnras/stx328
39	"Non-stationary Emission of the Blazar S4 0954+65 over a Wide Range of Wavelength"	2017	Volvach, A.E.; Bychkova, V.S.; Larionov, M.G.; Kardashev, N.S.;Volvach, L.N.; Vlasyuk, V.V.; Spiridonova, O.I.; Lähteenmäki, A.; Tornikoski, M.; Aller, M.F.; Aller, H.D.; Pooley, G.; Carrasco, L.; Porras, A.; Recillas, E.	Astronomy Reports, Vol.60 No. 12 pp. 1035-1045 Pleiades Publishing, Ltd.,	10.1134/S1063772916120052
40	Early Science with the Large Millimeter Telescope: discovery of the 12CO(1-0) emission line in the ring galaxy VIIZw466	2017	Wong, O. Ivy; Vega, O.; Sánchez-Argüelles, D.; Narayanan, G.; Wall, W. F.; Zwaan, M. A.; Rosa González, D.; Zeballos, M.; Bekki, K.; Mayya, Y. D.; Montaña, A.; Chung, A.	The Astrophysical Journal	10.1093/mnras/stw3142
41	The Formation of Secondary Stellar Generations in Massive Young Star Clusters from Rapidly Cooling Shocked Stellar Winds	2017	Wünsch, R.; Palouš, J.; Tenorio-Tagle, G.; Ehlerová, S.	The Astrophysical Journal	10.3847/1538-4357/835/1/60
42	The SCUBA-2 Cosmology Legacy Survey: the EGS deep field - I. Deep number counts and the redshift distribution of the recovered cosmic infrared background at 450 and 850 μm	2017	Zavala, J. A.; Aretxaga, I.; Geach, J. E.; Hughes, D. H.; Birkinshaw, M.; Chapin, E.; Chapman, S.; Chen, Chian-Chou; Clements, D. L.; Dunlop, J. S.; Farrah, D.; Ivison, R. J.; Jenness, T.; Michałowski, M. J.; Robson, E. I.; Scott, Douglas; Simpson, J.; Spaans, M.; van der Werf, P.	MNRAS	10.1093/mnras/stw2630
43	Holographic gratings recorded in PDLC mixed with crystal violet dye	2017	José Fabián Villa-Manríquez, Mauricio Ortiz-Gutiérrez, Mario Pérez-Cortésb, Juan Carlos Ibarra-Torresc, Arturo Olivares-Pérez	Optik	doi: 10.1016/j.ijleo.2017.06.089
44	Digital restoration of damaged color documents based on hyperspectral imaging and lattice associative memories	2017	Juan C. Valdiviezo-N., Gonzalo Urcid, and Edwin Lechuga	Signal, Image and Video Processing	doi: 10.1007/s11760-016-1042-y
45	Investigación nacional de altas tecnologías a nivel semiindustrial de celdas solares híbridas inorgánico-orgánicas: Investigación aplicada y prototipos de concepto	2017	Cosme, A. Kosarev, S. Mansurova.	INA In Tech Automatización México	Posted on 21/03/2017 by intechmexico

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46	Impact of Linear Coupling on Nonlinear Phase Noise in Two-Core Fibers	2017	I. Néstor Lozano-Crisóstomo, Julio C. García-Melgarejo, Víctor I. Ruíz-Pérez, Daniel A. May-Arrijoja, and J. Javier Sánchez-Mondragón	Optics Communications	doi:10.1016/j.optcom.2017.02.020
47	Vector beams generated by tunable liquid crystal polarization holograms	2017	U. Ruiz, P. Pagliusi, C. Provenzano, and G. Cipparrone,	Journal of Applied Physics	doi: 10.1063/1.4981882
48	Wideband spectrum analysis of ultra-high frequency radio-wave signals due to advanced one-phonon non-collinear anomalous light scattering	2017	Alexandre Shcherbakov, Adan Omar Arellanes	Applied Optics	doi: 10.1364/AO.56.003402
49	Slices method to describe ray propagation in inhomogeneous media	2017	J. F. Aguilar- Gutierrez, M. L. Arroyo Carrasco and M. D. Iturbe Castillo	Optics Communications	doi: 10.1016/j.optcom.2016.09.011
50	Nonclassical and semiclassical para-Bose states	2017	C. Huerta Alderete, L. Villanueva Vergara and B. M. Rodríguez-Lara	Physical Review	doi: 10.1103/PhysRevA.95.043835
51	Quantum simulation of driven para-Bose oscillators	2017	C. Huerta Alderete and B. M. Rodríguez-Lara	Physical Review	doi: 10.1103/PhysRevA.95.013820
52	Photon propagation through linearly active dimers	2017	J. D. Huerta Morales and B. M. Rodríguez-Lara	Applied Sciences	doi: 10.3390/app7060587
53	Novel electric field sensing scheme using integrated optics LiNbO ₃ unbalanced Mach-Zehnder interferometers and optical delay-modulation	2017	Celso Gutiérrez-Martínez, Joel Santos-Aguilar, Jacobo Meza-Pérez, Adolfo Morales-Díaz.	IEEE Journal of Lightwave Technology	doi: 10.1109/JLT.2016.2630003
54	Electric field sensors based on optical retarders in lithium niobate (LiNbO ₃) integrated optics technology	2017	Celso Gutiérrez-Martínez, Joel Santos-Aguilar	Optica Pura y Aplicada	doi: 10.7149/OPA.50.2.49021
55	Extracting the symmetry of the human face from digital photographs.	2017	F-J. Renero-C, Reimer-A. Romero-H., Hayde Peregrina-B	Bio-Algorithms and Med-Systems	doi: 10.1515/bams-2017-0002

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56	Study of a Hi-Bi FOLM for tunable and dual-wavelength operation of a Thulium-doped fiber laser	2017	B. Posada-Ramírez, M. Duran-Sánchez, R. I. Álvarez-Tamayo, B. Ibarra-Escamilla, E. Bravo-Huerta, and E. A. Kuzin	OPTICS EXPRESS	doi: 10.1364/OE.25.002560
57	Nonlinear self-polarization of Raman amplified light in fibers	2017	N. Korneev, M. Almanee, B. Ibarra-Escamilla, M. Duran-Sanchez, H. Santiago-Hernández, O. Pottiez, J. W. Haus, and E. A. Kuzin	JOSA B	doi: 10.1364/JOSAB.34.001644
58	Elimination of continuous-wave component in a figure-eight fiber laser based on polarization asymmetrical NOLM	2017	E. Hernández-Escobar, M. Bello-Jiménez, O. Pottiez, B. Ibarra-Escamilla, R. López-Estopier, M. Duran-Sánchez, M. A. García Ramírez and E. A. Kuzin	Laser Physics	doi: 10.1088/1555-6611/aa771d
59	Tunable narrow linewidth all-fiber Thulium-doped fiber laser in 2- μ m-band using two Hi-Bi FOLMs	2017	B. Posada-Ramírez, M. Duran-Sánchez, R. I. Álvarez-Tamayo, B. Ibarra-Escamilla, M. V. Hernández-Arriaga, D. Sánchez-de-la-Llave, and E. A. Kuzin	Laser Physics	doi: 10.1088/1555-6611/aa7712
60	Adaptable Optical Fiber Displacement-Curvature Sensor Based on a Modal Michelson Interferometer with a Tapered Single Mode Fiber	2017	G. Salceda-Delgado, A. Martinez-Rios, R. Selvas-Aguilar, R. I. Álvarez-Tamayo, A. A. Castillo-Guzmán, B. Ibarra-Escamilla, V. M. Durán-Ramírez, and L. E. Enrique-Gomez	Sensor	doi: 10.3390/s17061259
61	In-Fiber Mach-Zehnder interferometer based on a Nd-doped double-clad fiber for switchable single and dual-wavelength EDF laser application	2017	A. A. Castillo-Guzmán, R. I. Álvarez-Tamayo, J. M. Sierra-Hernández, G. Salceda-Delgado, R. Selvas-Aguilar, M. Duran-Sánchez, and B. Ibarra-Escamilla	Laser Physics	doi: 10.1088/1555-6611/aa6851
62	Dual noise-like pulse and soliton operation of a fiber ring cavity	2017	Y. Bracamontes-Rodriguez, O. Pottiez, E. Hernandez-Garcia, J. Lauterio-Cruz, H. Ibarra-Villalón, J. C. Hernandez-Garcia, M. Bello-Jimenez, G. Beltran-Perez, B. Ibarra-Escamilla, and E. A. Kuzin	Journal of Optics	doi: 10.1088/2040-8986/aa5a41
63	All-fiber Multi-Wavelength Passive Q-switched Er/Yb Fiber Laser Based on a Tm-doped Fiber Saturable Absorber	2017	B. Posada-Ramírez, M. Duran-Sánchez, R. I. Álvarez-Tamayo, J. Alaniz-Baylón, B. Ibarra-Escamilla, R. López-Estopier, and E. A. Kuzin	Laser Physics	doi: 10.1088/1555-6611/aa528f
64	Compact Narrow Linewidth Actively Q-Switched Er-Yb Double-Clad Fiber Laser	2017	1. B. Posada-Ramírez, M. Duran-Sánchez, R. I. Álvarez-Tamayo, J. Alaniz-Baylón, G. Salceda-Delgado, E. A. Kuzin, and B. Ibarra-Escamilla	Fibers	doi: 10.3390/fib5020021
65	Entropy-Growth in the Universe: Some Plausible Scenarios.	2017	Omar López-Cruz, Francisco Soto-Eguibar, Arturo Zúñiga-Segundo, Héctor M. Moya-Cessa	International Journal of Theoretical Physics	doi: 10.1007/s10773-017-3295-9
66	Generalized optical theorem for propagation invariant beams.	2017	Irving Rondón-Ojeda, Francisco Soto-Eguibar	Optik	doi: 10.1016/j.ijleo.2017.02.069

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68	Eigenestados exactos y estados entrelazados de un ion atrapado oscilando en dos dimensiones	2017	I. Ramos-Prieto and H. M. Moya-Cessa	Revista Mexicana de Física	No tiene doi
69	Reconstruction of quasiprobability distribution functions of the cavity field considering field and atomic decays	2017	N. Yazdanpanah, M.K. Tavassoly, R. Juárez-Amaro and H. M. Moya-Cessa	Optics Communications	doi: 10.1016/j.optcom.2017.05.001
70	Field's entropy in the atom-field interaction: Statistical mixture of coherent states	2017	A. Zúñiga-Segundo, R. Juárez-Amaro, O. Aguilar-Loreto and H.M. Moya Cessa	Annals of Physics	doi: 10.1016/j.aop.2017.02.007
71	Decoherence in quantum lossy systems: Superoperator and matrix techniques	2017	N. Yazdanpanah, M.K. Tavassoly and H. M. Moya Cessa	The European Physical Journal D	doi: 10.1140/epjd/e2017-70701-2
72	Generating non-classical light inside an optical cavity by depositing photons	2017	J. A. Anaya-Contreras, A. Zúñiga-Segundo, F. Soto-Eguibar and H. M. Moya-Cessa	Journal of Modern Optics	doi: 10.1080/09500340.2017.1349944
73	Journeys from Quantum Optics to Quantum Technology	2017	Stephen M Barnett, Almut Beige, Artur Ekert, Barry M Garraway, Christoph H Keitel, Viv Kendon, Manfred Lein, Gerard J Milburn, Hector M Moya-Cessa, Mio Murao, Jiannis K Pachos, G Massimo Palma, Emmanuel Paspalakis, Simon JD Phoenix, Bernard Piraux, Martin B Plenio, Barry C Sanders, Jason Twamley, A Vidiella-Barranco, MS Kim	Progress in Quantum Electronics	doi: 10.1016/j.pquantelec.2017.07.002
74	On the role of the atomic bond types in light emission from Si nanoparticle	2017	A. A. González-Fernández, J. Juvert, Mariano Aceves-Mijares, and C. Dominguez-Horna	AIP Advances 7	doi:10.1063/1.4983568
75	Luminescent Properties of Silicon Nanocrystals: Spin on Glass Hybrid Materials	2017	Marco Antonio Vásquez-Agustín, Orlando Cortazar-Martínez, Alfredo Abelardo González-Fernández, José Alberto Andraca-Adame, Alfredo Morales-Sánchez and Mariano Aceves-Mijares	Appl. Sci. 2017	doi:10.3390/app7010072
76	Study of narrow and intense UV electroluminescence from ITO/SRO/Si-p and ITO/SRN/SRO/Si-p based lightemitting capacitors	2017	S. A. Cabañas-Tay, L. Palacios-Huerta, Mariano Aceves-Mijares, A. Coyopol, F. Morales-Morales, S. A. Pérez-García, L. Licea-Jiménez, C. Dominguez-Horna, K. Monfil-Leyva, A. Morales-Sánchez	Journal of Luminescence	doi:10.1016/j.jlumin.2016.11.043

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77	A comparative study of the advantages of amorphous silicon carbide over silicon rich oxide for light emission applications	2017	I. Vivaldo, Mario Moreno, Alfonso Torres, R. Ambrosio, Pedro Rosales, N. Carlos, Wilfrido Calleja, K. Monfil, A. Benítez	Journal of Luminescence	doi:10.1016/j.jlumin.2017.05.048
78	Communication—Silicon Narrow-Band Solar-Blind Ultraviolet Detector Based on Ag-SiO ₂ -Si Capacitor	2017	Oleksandr Malik and Francisco Javier De la Hidalga-Wade	ECS Journal of Solid State Science and Technology	doi: 10.1149/2.0081708jss
79	Symmetric cryptosystem based on skew tent map	2017	Palacios-Luengas, L., Delgado-Gutiérrez, G., Díaz-Méndez J.Alejandro	Multimedia Tools and Applications	doi:10.1007/s11042-017-4375-9
80	A new CMOS comparator robust to process and temperature variations for SAR ADC converters	2017	De La Fuente-Cortes Gisella, Guillermo Espinosa Flores-Verdad, Gonzalez-Diaz, V.R. Alejandro Díaz-Méndez.	Analog Integrated Circuits and Signal Processing	doi:10.1007/s10470-016-0916-9
81	± 0.18 V Supply Voltage Gate Driven PGA with 0.7 Hz to 2 kHz Constant Bandwidth and 0.15 μ W Power Dissipation	2017	S. Pourashraf, J. Ramirez-Angulo, A.J. Lopez-Martin, R. G. Carvajal and Alejandro Díaz-Sánchez	International Journal of Circuit Theory & Applications	doi:10.1002/cta.2380
82	CMOS Analog Rank Order Filters using positive feedback comparators	2017	H.C. Bandala-Hernandez, Alejandro Díaz-Sánchez, J.M. Rocha-Pérez, J. Ramírez-Angulo, I.Y. López-Ortega, J. Lemus-López, J.E. Molinar-Solís	Integration, the VLSI Journal	doi:10.1016/j.vlsi.2017.02.005
83	High gain amplifier with feedforward compensation based on quasi-floating gate transistors	2017	J. Lemus-López, Alejandro Díaz-Sánchez, J.M. Rocha-Pérez, C. Muñoz-Montero, J. Ramírez-Angulo	Integration, the VLSI Journal	doi:10.1016/j.vlsi.2017.05.007
84	Homotopy path planning for terrestrial robots using spherical algorithm	2017	Gerardo Diaz-Arango, Héctor Vázquez-Leal, Luis Hernandez-Martinez, María Teresa Sanz Pascual, and Mario Sandoval-Hernandez	IEEE Transactions on Automation Science and Engineering	doi: 10.1109/TASE.2016.2638208
85	Theoretical lower bounds for parallel pipelined shift-and-add constant multiplications with n-input arithmetic operators	2017	M. G. Cruz Jimenez, U. Meyer-Baese, Jovanovic Dolecek Gordana	EURASIP Journal on Advances in Signal Processing	doi:10.1186/s13634-017-0466-z
86	Design of Efficient Multiplierless Modified Cosine-Based Comb Decimation Filters: Analysis and Implementation	2017	Jovanovic Dolecek Gordana, J. R. Garcia Baez, and M. Laddomada	IEEE Transactions on Circuits I: Regular papers	doi:10.1109/TCSI.2017.2653720
87	Computationally efficient CIC-based filter with embedded Chebyshev sharpening for the improvement of aliasing rejection	2017	M. G. Cruz Jimenez, U. Meyer-Baese, Jovanovic Dolecek Gordana	Electronics Letters	doi:10.1049/el.2016.3309

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89	Localized Characterization of Charge Transport and Random Telegraph Noise at the Nanoscale in HfO ₂ films combining Scanning Tunneling Microscopy and Multi-Scale Simulations	2017	Thamankar, F.M. Puglisi, A. Ranjan, N. Raghavan, K. Shubhakar, Joel Molina Reyes, L. Larcher, A. Padovani, P. Pavan, S.J. O'Shea, and K.L. Pey	Journal of Applied Physics	doi:10.1063/1.4991002
90	A review of DC extraction methods for MOSFET series resistance and mobility degradation model parameters	2017	A. Ortiz, A. Sucre, Fabián Zárate, Reydezel Torres-Torres, Roberto Murphy-Arteaga, J.J. Liou, F. García	Microelectronics Reliability	doi:10.1016/j.microrel.2016.12.016
91	Dielectric Properties of Tequila in the Microwave Frequency Range (0.5-20 GHz) using Coaxial Probe	2017	Tejinder Kaur Kataria, María Elena Sosa-Morales, José Luis Olvera-Cervantes & Alonso Corona-Chavez	International Journal of Food Properties	doi:10.1080/10942912.2017.1297949
92	Automatic progressive damage detection of rotor bar in induction motor using vibration analysis and multiple classifiers	2017	Israel Cruz-Vega, Jose Rangel-Magdaleno, Juan Manuel Ramirez-Cortes and Hayde Peregrina-Barreto	Journal of Mechanical Science and Technology	doi:10.1007/s12206-017-0508-3
93	Hilbert spectrum analysis of induction motors for the detection of incipient broken rotor bars	2017	J. Rangel-Magdaleno, H. Peregrina-Barreto, Juan M. Ramirez-Cortes, I. Cruz-Vega	Measurement	doi:10.1016/j.measurement.2017.05.070
94	FPGA-in-the-loop simulation of a grid-connected photovoltaic system by using a predictive control	2017	Marco Morales-Caporal, José de Jesús Rangel-Magdaleno, H. Peregrina-Barreto, Roberto Morales-Caporal	Electrical Engineering	doi:10.1007/s00202-017-0596-1
95	A new chaotic system with stable equilibrium: From theoretical model to circuit implementation	2017	Xiong Wang, Viet-Thanh Pham, Sajad Jafari, Christos Volos, J.M. Munoz-Pacheco, Esteban Tlelo-Cuautle	IEEE Acces	doi:10.1109/ACCESS.2017.2693301
96	Dynamics, FPGA realization and application of a chaotic system with an infinite number of equilibrium points	2017	Esteban Tlelo-Cuautle, L. Gerardo de la Fraga, Viet-Thanh Pham, Christos Volos, Sajad Jafari, A. de Jesus Quintas-Valles	Nanolinear Dynamics	doi:10.1007/s11071-017-3505-2
97	Arduino-Based Chaotic Secure Communication System Using Multi-Directional Multiscroll Chaotic Oscillators	2016	A.D. Pano-Azucena, J.J. Rangel-Magdaleno, Esteban Tlelo-Cuautle, A.J. Quintas-Valles	Nonlinear Dynamics	doi:10.1007/s11071-016-3184-4

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99	A Switched-Capacitor Skew-Tent Map Implementation for Random Number Generation	2017	José Luis Valtierra-Sánchez de la Vega, Esteban Tlelo-Cuautle, Angel Rodríguez-Vázquez	International Journal of Circuit Theory and Applications	doi:10.1002/cta.2305/abstract
100	Modeling the Frequency-Dependent Series Parasitics of Ground-Signal-Ground Pads Used to Probe On-Wafer Microstrip-Line-Fed Devices	2017	D.M. Cortés-Hernández and Reydezel Torres-Torres	IEEE Transactions on Microwave Theory and Techniques	doi:10.1109/TMTT.2016.2647707
101	Förster energy transfer in the vicinity of two metallic nanospheres (dimer)	2017	J. R. Zurita-Sánchez y J. Méndez-Villanueva	Plasmonics	doi:10.1007/s11468-017-0583-4
102	Robust feature extraction algorithm suitable for real-time embedded applications	2017	Abiel Aguilar-González; Miguel Arias-Estrada; François Berry	Journal of Real-Time Image Processing	doi:10.1007/s11554-017-0701-8
103	Electronic Devices That Identify Individuals with Fever in Crowded Places: A Prototype	2017	Carlos Polanco González, Ignacio Islas Vazquez, Jorge Alberto Castañón González, Thomas Buhse and Miguel Arias-Estrada	Micromachines	doi:10.3390/mi8070202
104	Extensions to AGraP algorithm for finding a reduced set of inexact graph patterns	2017	Marisol Flores-Garrido, Jesús Ariel Carrasco-Ochoa and José Fco. Martínez-Trinidad	International Journal of Pattern Recognition and Artificial Intelligence	https://doi.org/10.1142/S0218001418600121
105	Extension of Canonical Adjacency Matrices for Frequent Approximate Subgraph Mining on Multi-graph Collections	2017	Niusvel Acosta-Mendoza, Andrés Gago-Alonso, Jesús Ariel Carrasco-Ochoa, José Fco. Martínez-Trinidad, José E. Medina-Pagola	International Journal of Pattern Recognition and Artificial Intelligence	https://doi.org/10.1142/S0218001417500252
106	Image compression without loss using classifier 1-nn to adapt the coefficients of lifting filters	2017	Ignacio Hernández-Bautista, Oleksiy Pogrebnyak, José-Juan Carbajal-Hernández, Jesús-Ariel Carrasco-Ochoa, José-Francisco Martínez-Trinidad	DYNA	http://dx.doi.org/10.6036/8102
107	On the design of hardware-software architectures for frequent itemsets mining on data streams	2017	Lázaro Bustio-Martínez, René Cumplido, Raudel Hernández-León, José M. Bande-Serrano, Claudia Feregrino-Uribe	Journal of Intelligent Information Systems	https://doi.org/10.1007/s10844-017-0461-8
108	Learning Roadway Surface Disruption patterns using the Bag of Words representation	2017	Luis Carlos Gonzalez Gurrola, Ricardo Moreno Nieto, Hugo Jair Escalante, Fernando Martínez, Manuel Ricardo Carlos	IEEE Transactions on Intelligent Transportation Systems	DOI: 10.1109/TITS.2017.2662483

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110	An Evolutionary Multi-Objective Model and Instance Selection for Support Vector Machines with Pareto-based Ensembles	2017	Alejandro Rosales-Pérez, Salvador García, Jesus A. Gonzalez, Carlos A. Coello Coello, Francisco Herrera	IEEE Transactions on Evolutionary Computation	DOI: 10.1109/TEVC.2017.2688863
111	Toward a smart camera for fast high-level structure extraction	2017	Roberto de Lima; Jose Martinez-Carranza; Alicia Morales-Reyes; Walterio Mayol-Cuevas	Journal of Real-Time Image Processing	http://dx.doi.org/10.1007/s11554-017-0704-5
112	Real-time enhancement of sparse 3D maps using a parallel segmentation scheme based on superpixels	2017	Claudia Cruz-Martinez, José Martínez-Carranza, Walterio Mayol-Cuevas	Journal of Real-Time Image Processing	https://doi.org/10.1007/s11554-017-0707-2
113	Improving the construction of ORB through FPGA-based acceleration	2017	Roberto de Lima, Jose Martinez-Carranza, Alicia Morales-Reyes, Rene Cumplido	Machine Vision and Applications	http://dx.doi.org/10.1007/s00138-017-0851-5
114	PBC4cip: A new contrast pattern-based classifier for class imbalance problems	2017	Octavio Loyola-González, Miguel Angel Medina-Pérez, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa, Raúl Monroy, Milton García-Borroto	Knowledge-Based Systems	https://doi.org/10.1016/j.knosys.2016.10.018
115	Evaluation of quality measures for contrast patterns by using unseen objects	2017	Milton García-Borroto, Octavio Loyola-González, José Fco. Martínez-Trinidad, Jesús Ariel Carrasco-Ochoa	Expert Systems with Applications	https://doi.org/10.1016/j.eswa.2017.04.038
116	Agent-Based Microgrid Scheduling: An ICT Perspective	2017	Fernando Lezama, Jorge Palominos, Ansel Y. Rodríguez-González, Alessandro Farinelli, Enrique Munoz de Cote	Mobile Networks and Applications	DOI: 10.1007/s11036-017-0894-x
117	An entropy model to measure heterogeneity of pedestrian crowds using self-propelled agents	2017	José Alejandro Rangel Huerta, Ana Luisa Ballinas Hernández, Angélica Muñoz Meléndez	Physica A: Statistical Mechanics and its Applications	https://doi.org/10.1016/j.physa.2016.12.090
118	Variability Analysis of Therapeutic Movements using Wearable Inertial Sensors	2017	Irvin Hussen Lopez-Nava, Bert Arnrich, Angélica Muñoz-Meléndez, Arzu Güneysus	Journal of Medical Systems	http://dx.doi.org/10.1007/s10916-016-0645-8
119	Temporal Stress in the Operating Room: Brain Engagement Promotes "Coping" and Disengagement Prompts "Choking".	2017	Modi, Hemel N. ; Singh, Harsimrat; Orihuela-Espina; Athanasiou, Thanos; Fiorentino, Francesca; Yang, Guang-Zhong; Darzi, Ara; Leff, Daniel R.	Annals of Surgery	doi: 10.1097/SLA.0000000000002289

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121	A quantitative index for classification of plantar thermal changes in the diabetic foot	2017	D.Hernandez-Contreras; H.Peregrina-Barreto; J.Rangel-Magdaleno; .J.A.Gonzalez-Bernal; L.Altamirano-Robles	Infrared Physics & Technology	https://doi.org/10.1016/j.infrared.2017.01.010
122	An Efficient Causal Group Communication Protocol for P2P Hierarchical Overlay Networks	2017	GrigoryEvropeytsev; EduardoLópez Domínguez; Saul E.Pomares Hernandez; Marco AntonioLópez Trinidad; José RobertoPerez Cruz	Journal of Parallel and Distributed Computing	https://doi.org/10.1016/j.jpdc.2016.12.007
123	Data-Foraging-Oriented Reconnaissance Based on Bio-Inspired Indirect Communication for Aerial Vehicles	2017	Josué Castañeda Cisneros; Saul E. Pomares Hernandez; Jose Roberto Perez Cruz; Lil María Rodríguez-Henríquez and Jesus A. Gonzalez Bernal	Applied Sciences	doi:10.3390/app7070729
124	View/state planning for three-dimensional object reconstruction under uncertainty	2017	J. Irving Vasquez-Gomez, L. Enrique Sucar, Rafael Murrieta-Cid	Autonomous Robots	https://doi.org/10.1007/s10514-015-9531-3