Arecibo Observatory Bibliography

Total number of publications is 544 (102 radar)
Total citations is (at least) 17150 (2205 radar)
Avg. citations is (at least) 31.53 (21.62 radar)
Median citations is (at least) 16 (13 radar)

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Arecibo Observatory Bibliography

**Receiver Codes**

327 = 327 MHz
430TX = 430 MHz Transmitter
430 = 430 MHz (unspecified)
430L = 430 MHz Line Feed
430G = 430 MHz Gregorian
800 = 800 MHz
LB = L-band (unspecified)
LBN = L-band Narrow
LBW = L-band Wide
ALFA = ALFA
SBL = S-band Low/Wide
SBTX = S-band Transmitter
SBN = S-band Narrow (radar)
SBH = S-band High
CB = C-band
CBH = C-band High
XB = X-band High

Click on the author to see full bibliography.

Click on the paper title to view the ADS page for the publication.

Citation counts are lifted from ADS, which does not guarantee the counts to be accurate!

**Radio Astronomy**

**1998**

Boisse et al. (1998) - A HST Spectroscopic Study of QSOs with Intermediate Redshift Damped Ly$\alpha$ Systems - LB - has 170 citations.


Goodman et al. (1998) - Coherence in Dense Cores. II. The Transition to Coherence - LBW - has 220 citations.


Nordgren et al. (1998) - Very Wide Galaxy Pairs of the Northern and Southern Sky - LB - has 12 citations.

Smith et al. (1998) - The Starburst-AGN Connection. II. The Nature of Luminous Infrared Galaxies as Revealed by VLBI, VLA, Infrared, and Optical Observations - LBW - has 105 citations.


1999

Barnes et al. (1999) - Imaging H I in the Lensing Galaxy 2237+0305 - LB - has 8 citations.


Cabanela and Dickey (1999) - Determination of Galaxy Spin Vectors in the Pisces-Perseus Supercluster with the Arecibo Telescope - LBN - has 14 citations.


Kim et al. (1999) - Infrared Excess and Molecular Gas in the Galactic Worm GW 46.4+5.5 - LB - has 3 citations.

Kramer et al. (1999) - Profile Instabilities of the Millisecond Pulsar PSR J1022+1001 - 430L - has 37 citations.

Lee et al. (1999) - Infrared Excess and Molecular Gas in Galactic Supershells - LB - has 3 citations.

Nice (1999) - Radio Pulses along the Galactic Plane - 430L - has 20 citations.

Salgado et al. (1999) - 14-Year Program Monitoring the Flux Densities of 33 Radio Sources at Low Frequencies - 327, 430L - has 10 citations.


2000

Darling and Giovanelli (2000) - A Search for OH Megamasers at \( z > 0.1 \). I. Preliminary Results - LBW - has 33 citations.


Frey et al. (2000) - Dual-Frequency VSOP Observations of AO 0235+164 - LBW, SBN, CB - has 23 citations.

Hirabayashi et al. (2000) - The VSOP 5 GHz AGN Survey I. Compilation and Observations - CB - has 61 citations.

Jarrett et al. (2000) - 2MASS Extended Sources in the Zone of Avoidance - LB - has 64 citations.

Kim and Koo (2000) - An Infrared and Radio Study of the Galactic Worm GW 46.4+5.5 - LB - has 9 citations.


Lane et al. (2000) - Detection of Warm and Cold Phases of the Neutral ISM in a Damped Ly\( \alpha \) Absorber - LBW - has 48 citations.

Lewis (2000) - On the Transience of Circumstellar Shells about \( |b| > 10^\circ \) OH/IR Stars. I. Basic Statistics - LBW - has 15 citations.

Lommen et al. (2000) - New Pulsars from an Arecibo Drift Scan Search - 430L, LB - has 41 citations.

Lorimer and Xilouris (2000) - PSR J1907+0918: A Young Radio Pulsar Near SGR 1900+14 and G42.8+0.6 - 430L, LBN, SBN, CB - has 31 citations.

Nicastro et al. (2000) - Radio Observations of the 33.8 ms X-Ray Pulsar SAX J0635+0533 - 430 - has 2 citations.


O’Neil et al. (2000) - Star Formation and Tidal Encounters with the Low Surface Brightness Galaxy UGC 12695 and Companions - LBN - has 7 citations.


Stairs et al. (2000) - A Baseband Recorder for Radio Pulsar Observations - 430L - has 31 citations.

Wolszczan et al. (2000) - Timing Observations of Four Millisecond Pulsars with the Arecibo and Effelsberg Radio Telescopes - 430L, LB - has 40 citations.

2001
Burton et al. (2001) - Arecibo Imaging of Compact High-Velocity Clouds - LBN - has 29 citations.
Chatterjee et al. (2001) - Parallax and Kinematics of PSR B0919+06 from VLBA Astrometry and Interstellar Scintillometry - 430 - has 33 citations.
Camilo et al. (2001) - Discovery of Five Binary Radio Pulsars - LB - has 49 citations.
Darling and Giovanelli (2001) - A Search for OH Megamasers at z > 0.1. II. Further Results - LBW - has 35 citations.
Deshpande and Rankin (2001) - The Topology and Polarization of Sub-Beams Associated with the 'Drifting' Sub-Pulse Emission of Pulsar B0943+10 - I. Analysis of Arecibo 430- and 111-MHz Observations - 430L - has 103 citations.
Heiles et al. (2001) - All-Stokes Parameterization of the Main Beam and First Sidelobe for the Arecibo Radio Telescope - 430G, LBW - has 28 citations.
Heiles et al. (2001) - Mueller Matrix Parameters for Radio Telescopes and Their Observational Determination - LBN, LBW - has 29 citations.
Hoffman et al. (2001) - The Fine Structure and Outskirts of DDO 154 - LBN - has 9 citations.
Impey et al. (2001) - High and Low Surface Brightness Galaxies in the Local Universe. IV. Optical and 21 Centimeter Spectroscopy - LBN - has 29 citations.
Jenet et al. (2001a) - Single-Pulse Characteristics of the Millisecond Radio Pulsar PSR B1937+21 at 430 MHz - 430L - has 19 citations.
Jenet et al. (2001b) - The First Detection of Coherent Emission from Radio Pulsars - 430L - has 14 citations.
Kanekar et al. (2001) - Detection of a Multi-Phase ISM at z = 0.2212 - LBW - has 16 citations.
Lewis et al. (2001) - The Approaching Death of the OH/IR star IRAS 18455+0448 - LBW - has 13 citations.
Lewis (2001) - On the Transience of High-Latitude OH/IR Stars. II. Thermal Pulse Link - LBW - has 11 citations.
McLaughlin et al. (2001) - Upper Limits on Periodic, Pulsed Radio Emission from the X-Ray Point Source in Cassiopeia A - 327, LB - has 21 citations.

Pisano et al. (2001) - The Gas Content and Kinematics of Nearby Blue Compact Galaxies: Implications for Studies at Intermediate and High Redshift - LBN, LBW - has 38 citations.

Rose et al. (2001) - Starbursts Versus Truncated Star Formation in Nearby Clusters of Galaxies - LBN - has 35 citations.

Simon et al. (2001) - The Structure of Four Molecular Cloud Complexes in the BU-FCRAO Milky Way Galactic Ring Survey - LB - has 135 citations.

Smoker et al. (2001) - H I and Optical Spectroscopy towards the M15 Intermediate-Velocity Cloud - LBN - has 5 citations.

Solanes et al. (2001) - The H I Content of Spirals. II. Gas Deficiency in Cluster Galaxies - LB - has 183 citations.

Stinebring et al. (2001) - Faint Scattering Around Pulsars: Probing the Interstellar Medium on Solar System Size Scales - 430 - has 50 citations.


van Driel et al. (2001) - H I line Observations of Luminous Infrared Galaxy Mergers - LBN - has 7 citations.

Walker et al. (2001) - The Structure and Motions of the 3C 120 Radio Jet on Scales of 0.6-300 Parsecs - LBW, CB - has 44 citations.


2002

Araya et al. (2002) - Arecibo Observations of Formaldehyde and Radio Recombination Lines toward Ultracompact H II Regions - CB - has 73 citations.


Bogdanov et al. (2002) - Interstellar Scintillation Velocities of the Relativistic Binary PSR B1534+12 and Three Other Millisecond Pulsars - 430L, 430 - has 16 citations.

Cabanela and Dickey (2002) - Galaxies on the Blue Edge - LBN - has 3 citations.

Camilo et al. (2002) - Discovery of a 136 Millisecond Radio and X-Ray Pulsar in Supernova Remnant G54.1+0.3 - LBW - has 48 citations.


Darling and Giovanelli (2002a) - A Search for OH Megamasers at z > 0.1. III. The Complete Survey - LBW - has 65 citations.
Darling and Giovanelli (2002b) - The Discovery of Time Variability in OH Megamasers - LBN, LBW - has 11 citations.

Hoffman et al. (2002) - High-Velocity Cloud Edges and Mini-High-Velocity Clouds - LBN - has 4 citations.


Lewis (2002) - On Dead OH/IR Stars - LBW - has 13 citations.


Neufeld et al. (2002) - Submillimeter Wave Astronomy Satellite and Arecibo Observations of H₂O and OH in a Diffuse Cloud along the Line of Sight to W51 - LBW - has 30 citations.


Roberts et al. (2002) - PSR J2021+3651: A Young Radio Pulsar Coincident with an Unidentified EGRET \( \gamma \)-Ray Source - LB - has 51 citations.

Robishaw et al. (2002) - H I Imaging of LGS 3 and an Apparently Interacting High-Velocity Cloud - LBN - has 13 citations.


Solanes et al. (2002) - The Three-dimensional Structure of the Virgo Cluster Region from Tully-Fisher and H I Data - LB - has 63 citations.

Splaver et al. (2002) - Probing the Masses of the PSR J0621+1002 Binary System Through Relativistic Apsidal Motion - 430L, 430, LB - has 34 citations.


Stanimirović et al. (2002) - The Small-Scale Structure of the Magellanic Stream - LBN - has 37 citations.

Araya et al. (2003) - A C-Band Spectral Scan of IRC +10°216 - CB - has 4 citations.


Darling et al. (2003) - A Search for 6.7 GHz Methanol Masers in OH Megamaser Galaxies at 0.11 < z < 0.27 - CB - has 11 citations.


Ford et al. (2003) - Detection of OH toward the Extreme Carbon Star IRC +10216 - LBW - has 20 citations.

Hankins et al. (2003) - Nanosecond Radio Bursts from Strong Plasma Turbulence in the Crab Pulsar - CB, XB - has 151 citations.


Li and Goldsmith (2003) - H I Narrow Self-Absorption in Dark Clouds - LBW - has 56 citations.

McLaughlin and Cordes (2003) - Searches for Giant Pulses from Extragalactic Pulsars - 430
Momjian et al. (2003) - Sensitive VLBI Continuum and H I Absorption Observations of NGC 7674: First Scientific Observations with the Combined Array VLBA, VLA, and Arecibo.


Stanimirović et al. (2003) - Detection of OH Absorption against PSR B1849+00.

Stanimirović et al. (2003) - Does Tiny-Scale Atomic Structure Exist in the Interstellar Medium?

van Driel et al. (2003) - Non-Confirmation of Reported H I Clouds without Optical Counterparts in the Hercules cluster.

Watson et al. (2003) - Resolution of Distance Ambiguities of Inner Galaxy Massive Star Formation Regions. I.

2004


Davies et al. (2004) - A Multibeam H I Survey of the Virgo Cluster - Two Isolated H I Clouds?

Hessels et al. (2004) - Observations of PSR J2021+3651 and its X-Ray Pulsar Wind Nebula G75.2+0.1 - LBW - has 41 citations.


Hoffman et al. (2004) - Mini High-Velocity Clouds - LB - has 8 citations.

Jenet and Gil (2004) - The Intrinsic Intensity Modulation of PSR B1937+21 at 1410 MHz - LBW - has 10 citations.

Kalenskii et al. (2004) - A 4-6 GHz Spectral Scan and 8-10 GHz Observations of the Dark Cloud TMC-1 - CB, XB - has 10 citations.


McLaughlin and Rankin (2004) - `Notches' in the Average Profiles of Bright Pulsars - 430, LBW - has 6 citations.


O’Neil et al. (2004) - A New H I Catalog of Low Surface Brightness Galaxies out to z = 0.1, Tripling the Number of Massive LSB Galaxies Known - LBN, LBW - has 25 citations.


Roberts et al. (2004) - A Search for Low Surface Brightness Dwarf Galaxies in Different Environments - LBN, LBW - has 21 citations.


Scott et al. (2004) - The VSOP 5 GHz Active Galactic Nucleus Survey. III. Imaging Results for the First 102 Sources - CB - has 35 citations.


Stanimirović et al. (2004) - PSR B1849+00 Probes the Tiny-Scale Molecular Gas? - LBW - has 1 citations.

Stanimirović et al. (2004) - The Tiny-Scale Atomic Structure: Gas Cloudlets or Scintillation Phenomenon? - LBW - has 3 citations.

Taylor et al. (2004) - The Angular Size and Proper Motion of the Afterglow of GRB 030329 - CB, XB - has 87 citations.

Weisberg et al. (2004) - Arecibo 430 MHz Pulsar Polarimetry: Faraday Rotation Measures and Morphological Classifications - 430L - has 58 citations.

Young et al. (2004) - Probing Pre-Protostellar Cores with Formaldehyde - CB - has 53 citations.

2005

Bhat et al. (2005) - Radio Frequency Interference Identification and Mitigation Using Simultaneous Dual-Station Observations - LBW - has 4 citations.


Champion et al. (2005) - A Survey for Pulsars in EGRET Error Boxes - 327 - has 11 citations.


Freire et al. (2005) - The Millisecond Pulsars in NGC 6760 - LBW - has 17 citations.

Gavazzi et al. (2005) - Completing H I Observations of Galaxies in the Virgo Cluster - LBW - has 52 citations.


Giovanelli et al. (2005) - The Arecibo Legacy Fast ALFA Survey. II. Results of Precursor Observations - ALFA, LBW - has 57 citations.

Goldsmith and Li (2005) - H I Narrow Self-Absorption in Dark Clouds: Correlations with Molecular Gas and Implications for Cloud Evolution and Star Formation - LBW - has 60 citations.

Hill et al. (2005) - Deflection of Pulsar Signal Reveals Compact Structures in the Galaxy - 327 - has 35 citations.

Keeney et al. (2005) - Absorption-Line Study of Halo Gas in NGC 3067 toward the Background Quasar 3C 232 - LBW - has 19 citations.

Löhmer et al. (2005) - Shapiro Delay in the PSR J1640+2224 Binary System - 430, LBW - has 16 citations.

Lorimer et al. (2005) - Discovery of 10 Pulsars in an Arecibo Drift-Scan Survey - 430L, LB - has 12 citations.

Meech et al. (2005) - Deep Impact: Observations from a Worldwide Earth-Based Campaign - ALFA, LBW - has 130 citations.
Minchin et al. (2005) - A Dark Hydrogen Cloud in the Virgo Cluster - LB - has 70 citations.

Nice et al. (2005) - A 2.1 M\textsubscript{\odot} Pulsar Measured by Relativistic Orbital Decay - 430, LBW - has 216 citations.

Paragi et al. (2005) - e-VLBI observations of SN2001em - an off-axis GRB candidate - LBW - has 11 citations.

Pihlström et al. (2005) - High-Resolution Imaging of the OH Megamaser Emission in IRAS 12032+1707 and IRAS 14070+0525 - LBW - has 14 citations.


Redman et al. (2005) - Pulsar PSR B2303+30: A Single System of Drifting Subpulses, Moding and Nulling - 327, 430L, LB - has 17 citations.


Roueff et al. (2005) - Interstellar Deuterated Ammonia: from NH\textsubscript{3} to ND\textsubscript{3} - LBW - has 61 citations.


Splaver et al. (2005) - Masses, Parallax, and Relativistic Timing of the PSR J1713+0747 Binary System - LB, SBN - has 78 citations.


Springob et al. (2005) - A Digital Archive of H I 21 Centimeter Line Spectra of Optically Targeted Galaxies - LBN - has 164 citations.

Srostlik and Rankin (2005) - Core and Conal Component Analysis of Pulsar B1237+25 - 327 - has 21 citations.

Stanimirović and Heiles (2005) - The Thinnest Cold H I Clouds in the Diffuse Interstellar Medium? - LB - has 34 citations.

Stairs et al. (2005) - Discovery of Three Wide-Orbit Binary Pulsars: Implications for Binary Evolution and Equivalence Principles - LBW - has 33 citations.

Taylor et al. (2005) - Late-Time Observations of the Afterglow and Environment of GRB 030329 - LBW, XB - has 37 citations.

Walker and Stinebring (2005) - Electric Field Representation of Pulsar Intensity Spectra - 327 - has 9 citations.

2006

Araya et al. (2006) - Arecibo Observations of Formaldehyde in L1551 - CB - has 6 citations.

Buyle et al. (2006) - The H I Content of E+A Galaxies - LBW - has 20 citations.


Cordes et al. (2006) - Theory of Parabolic Arcs in Interstellar Scintillation Spectra - 327, 430, LBW - has 36 citations.

Cortese et al. (2006) - Witnessing Galaxy Preprocessing in the Local Universe: The Case of a Star-Bursting Group Falling into Abell 1367 - LBW - has 68 citations.

Frey et al. (2006) - VSOP Monitoring of the Compact BL Lac Object AO 0235+164 - LBW, CB - has 5 citations.


Geha et al. (2006) - The Baryon Content of Extremely Low Mass Dwarf Galaxies - LBW - has 128 citations.

Gupta et al. (2006) - Probing Radio Source Environments via H I and OH Absorption - LBW - has 54 citations.


Koo et al. (2006) - A “Missing” Supernova Remnant Revealed by the 21 cm Line of Atomic Hydrogen - LBW - has 14 citations.

Kramer et al. (2006) - A Periodically Active Pulsar Giving Insight into Magnetospheric Physics - 430, LB - has 165 citations.

Lommen et al. (2006) - The Parallax and Proper Motion of PSR J0030+0451 - 430, LB - has 28 citations.

Lonsdale et al. (2006) - VLBI Images of 49 Radio Supernovae in Arp 220 - LBW - has 74 citations.


Lorimer et al. (2006) - Arecibo Pulsar Survey Using ALFA. II. The Young, Highly Relativistic Binary Pulsar J1906+0746 - 430, ALFA, LBW, SBH, CBH - has 70 citations.

Osten and Bastian (2006) - Wide-Band Spectroscopy of Two Radio Bursts on AD Leonis - LBW - has 16 citations.

Putman et al. (2006) - The Relationship Between Baryons and Dark Matter in Extended Galaxy Halos - LB - has 5 citations.
Putney and Stinebring (2006) - Multiple Scintillation Arcs in Six Pulsars - LB - has 0 citations.


Rankin et al. (2006) - Bistable Profile Illumination in Pulsars B0919+06 and B1859+07 - 327, LB - has 4 citations.


Savolainen et al. (2006) - An Extremely Curved Relativistic Jet in PKS 2136+141 - CB - has 12 citations.

Stanimirović et al. (2006) - First Results from the Arecibo Galactic H I Survey: The Disk/Halo Interface Region in the Outer Galaxy - ALFA - has 51 citations.


van Leeuwen et al. (2006) - Arecibo and the ALFA Pulsar Survey - ALFA - has 0 citations.


Weltevrede et al. (2006) - The Bright Spiky Emission of Pulsar B0656+14 - 327, LBW - has 29 citations.

2007

Bania et al. (2007) - The Milky Way 3-Helium Abundance - XB - has 8 citations.


di Serego Alighieri et al. (2007) - The H I Content of Early-Type Galaxies from the ALFALFA Survey. I. Catalogued H I Sources in the Virgo cluster - ALFA - has 46 citations.


Forbrich et al. (2007) - Searching for Coronal Radio Emission from Protostars using Very-Long-Baseline Interferometry - XB - has 7 citations.

Giovanelli et al. (2007) - The Arecibo Legacy Fast ALFA Survey. III. H I Source Catalog of the Northern Virgo Cluster Region - ALFA - has 114 citations.
Hankins and Eilek (2007) - Radio Emission Signatures in the Crab Pulsar - CBH, XB - has 58 citations.

Haynes et al. (2007) - NGC 4254: An Act of Harassment Uncovered by the Arecibo Legacy Fast ALFA Survey - ALFA, LBW - has 60 citations.

Herfindal and Rankin (2007) - Periodic Nulls in the Pulsar B1133+16 - 327 - has 30 citations.

Hessels et al. (2007) - A 1.4 GHz Arecibo Survey for Pulsars in Globular Clusters - LBW - has 47 citations.


Kent et al. (2007) - Optically Unseen H I Detections toward the Virgo Cluster Detected in the Arecibo Legacy Fast ALFA Survey - ALFA, LBW - has 29 citations.

Kronberg et al. (2007) - Discovery of New Faint Radio Emission on 8° to 3' Scales in the Coma Field, and Some Galactic and Extragalactic Implications - 430G - has 32 citations.

Levy et al. (2007) - The Effect of Cluster Environment on Galaxy Evolution in the Pegasus I Cluster - LBN, LBW - has 22 citations.


Peek et al. (2007) - Reconstructing Deconstruction: High-Velocity Cloud Distance through Disruption Morphology - ALFA - has 42 citations.

Pihlström et al. (2007) - Stirring the Embers: High-Sensitivity VLBI Observations of GRB 030329 - CB - has 25 citations.


Rankin and Wright (2007) - Interaction between Nulls and Emission in the Pulsar B0834+06 - 327 - has 12 citations.

Ulvestad et al. (2007) - A VLBI Search for Radio Supernovae in Wolf-Rayet Galaxies - CB - has 9 citations.

Zhang et al. (2007) - A Search for the Third Lensed Image in JVAS B1030+074 - LBW - has 6 citations.

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Bajkova and Pushkarev (2008) - Structure of the Radio Source 3C 120 at 8.4 GHz from VLBA+ Observations in 2002 - XB - has 1 citations.

Bartel and Bietenholz (2008) - Shell Revealed in SN 1979C - CB - has 12 citations.

Catinella et al. (2008) - A Pilot Survey of H I in Field Galaxies at Redshift z ∼ 0.2 - LBW - has 38 citations.


Dedes et al. (2008) - An Enigmatic H I Cloud - ALFA - has 2 citations.

Dodson et al. (2008) - The VSOP 5 GHz Active Galactic Nucleus Survey. V. Imaging Results for the Remaining 140 Sources - CB - has 18 citations.

Freire et al. (2008) - A Massive Neutron Star in the Globular Cluster M5 - 430L, LBW - has 74 citations.

Gavazzi et al. (2008) - H I content and Other Structural Properties of Galaxies in the Virgo Cluster from the Arecibo Legacy Fast ALFA Survey - ALFA - has 33 citations.

Goldsmith et al. (2008) - A Search for 6.7 GHz Methanol Masers in M33 - CBH - has 8 citations.

Grossi et al. (2008) - H I Clouds in the Proximity of M 33 - ALFA - has 26 citations.

Hemberger and Stinebring (2008) - Time Variability of Interstellar Scattering and Improvements to Pulsar Timing - LBW - has 17 citations.

Hessels et al. (2008) - PSR J1856+0245: Arecibo Discovery of a Young, Energetic Pulsar Coincident with the TeV γ-Ray Source HESS J1857+026 - ALFA, LBW - has 21 citations.

Ho et al. (2008b) - A New H I Survey of Active Galaxies - LBW - has 15 citations.

Ho et al. (2008a) - Properties of Active Galaxies Deduced from H I Observations - LBW - has 29 citations.


Koopmann et al. (2008) - A 500 kpc H I Extension of the Virgo Pair NGC 4532/DDO 137 Detected by the Arecibo Legacy Fast ALFA (ALFALFA) Survey - ALFA - has 21 citations.

Lee et al. (2008) - A 21 cm Spectral and Continuum Study of IC 443 Using the Very Large Array and the Arecibo Telescope - LB - has 28 citations.
Osten and Bastian (2008) - Ultrahigh Time Resolution Observations of Radio Bursts on AD Leonis - LBW - has 16 citations.

Pandian et al. (2008) - Detection of 6.7 GHz Methanol Absorption towards Hot Corinos - CBH - has 9 citations.

Rankin and Wright (2008) - The ‘Periodic Nulls’ of Radio Pulsar J1819+1305 - 327, LBW - has 16 citations.

Robishaw et al. (2008) - Extragalactic Zeeman Detections in OH Megamasers - LBW - has 46 citations.

Saintonge et al. (2008) - The Arecibo Legacy Fast Alpha Survey. V. The H I Source Catalog of the Anti-Virgo Region at $\delta = +27^\circ$ - ALFA - has 38 citations.

Salter et al. (2008) - The Arecibo ARP 220 Spectral Census. I. Discovery of the Pre-Biotic Molecule Methanimine and New Cm-Wavelength Transitions of Other Molecules - LBW, SBH, CB, CBH, XB - has 24 citations.

Stanimirović et al. (2008) - The Many Streams of the Magellanic Stream - ALFA - has 40 citations.


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Abdo et al. (2009) - Pulsed Gamma-Rays from PSR J2021+3651 with the Fermi Large Area Telescope - LBW - has 34 citations.

Archibald et al. (2009) - A Radio Pulsar/X-ray Binary Link - LBW - has 131 citations.

Bennert et al. (2009) - A Search for H$_2$O Megamasers in High-z Type-2 Active Galactic Nuclei - XB - has 12 citations.

Cherinka et al. (2009) - H I Observations of the Ca II Absorbing Galaxies Mrk 1456 and SDSS J211701.26-002633.7 - LBW - has 2 citations.

Courtois et al. (2009) - The Extragalactic Distance Database: All Digital H I Profile Catalog - LBN, LBW - has 27 citations.


Grcevich and Putman (2009) - H I in Local Group Dwarf Galaxies and Stripping by the Galactic Halo - ALFA - has 140 citations.

Heitsch and Putman (2009) - The Fate of High-Velocity Clouds: Warm or Cold Cosmic Rain? - ALFA - has 69 citations.

Irwin et al. (2009) - ACDM Satellites and H I Companions—the Arecibo ALFA Survey of NGC 2903 - ALFA - has 15 citations.

Kniazev et al. (2009) - The Faint Outer Regions of the Pegasus Dwarf Irregular Galaxy: A Much Larger and Undisturbed Galaxy - ALFA - has 10 citations.


Marcaide et al. (2009) - 1.6 GHz VLBI Observations of SN 1979C: Almost-Free Expansion - LBW - has 7 citations.

Martin et al. (2009) - The Arecibo Legacy Fast Alfa Survey. VIII. H I Source Catalog of the Anti-Virgo Region at $\delta = +25^\circ$ - ALFA - has 12 citations.


More et al. (2009) - The Role of Luminous Substructure in the Gravitational Lens System MG 2016+112 - CB - has 33 citations.

Peek et al. (2009) - Low-Velocity Halo Clouds - ALFA - has 19 citations.

Putman et al. (2009) - The Disruption and Fueling of M33 - ALFA - has 44 citations.


Stierwalt et al. (2009) - The Arecibo Legacy Fast Alfa Survey. IX. The Leo Region H I Catalog, Group Membership, and the H I Mass Function for the Leo I Group - ALFA, LBW - has 25 citations.

Tully et al. (2009) - The Extragalactic Distance Database - LB - has 138 citations.

van Driel et al. (2009) - H I Line Observations of 2MASS Galaxies in the Zone of Avoidance - LBN - has 3 citations.

van Loon et al. (2009) - A Peculiar H I Cloud near the Distant Globular Cluster Pal4 - ALFA - has 13 citations.

Wagg and Momjian (2009) - Constraints on the Presence of Water Megamaser Emission in $z \sim 2.5$ Ultraluminous Infrared Starburst Galaxies - CBH - has 2 citations.

2010


Abdo et al. (2010) - The First Fermi Large Area Telescope Catalog of Gamma-ray Pulsars - LBW - has 360 citations.

Antonova et al. (2010) - Multi-Frequency Long-Term Monitoring of the Ultracool Dwarf TVLM 513-46546 - CB - has 1 citations.
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Knispel et al. (2010) - Pulsar Discovery by Global Volunteer Computing - ALFA, SBL - has 17 citations.


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Minchin et al. (2010) - The Arecibo Galaxy Environment Survey. III. Observations toward the Galaxy Pair NGC 7332/7339 and the Isolated Galaxy NGC 1156 - ALFA, LBW - has 9 citations.

Nidever et al. (2010) - The 200° Long Magellanic Stream System - ALFA - has 43 citations.


Salter et al. (2010) - The Discovery of Host Galaxy H I Absorption in CTA 21 - 800 - has 7 citations.

Saz Parkinson et al. (2010) - Eight γ-Ray Pulsars Discovered in Blind Frequency Searches of Fermi LAT Data - 327, LBW - has 86 citations.


Zeiger and Darling (2010) - Formaldehyde Anti-Inversion at z = 0.68 in the Gravitational Lens B0218 + 357 - SBL - has 9 citations.

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Batejat et al. (2011) - Resolution of the Compact Radio Continuum Sources in Arp220 - XB - has 15 citations.

Bhat et al. (2011) - An Arecibo Search for Pulsars and Transient Sources in M33 - ALFA - has 4 citations.
Brosch et al. (2011) - Galaxies with Wide H I Profiles - ALFA - has 1 citations.

Carswell et al. (2011) - A Cold Component and the Complex Velocity Structure of DLA1331 + 170 - LB - has 10 citations.

Castangia et al. (2011) - Water Vapour at High Redshift: Arecibo Monitoring of the Megamasor in MG J0414+0534 - CB, CBH - has 4 citations.

Chapman et al. (2011) - The Magnetic Field in Taurus Probed by Infrared Polarization - LB - has 31 citations.


Davies et al. (2011) - The Arecibo Galaxy Environment Survey - IV. The NGC 7448 Region and the H I Mass Function - ALFA - has 5 citations.

Demorest (2011) - Cyclic Spectral Analysis of Radio Pulsars - 430 - has 16 citations.

Espada et al. (2011) - The AMIGA Sample of Isolated Galaxies. VIII. The Rate of Asymmetric H I Profiles in Spiral Galaxies - LB - has 12 citations.

Fabello et al. (2011) - ALFALFA H I Data Stacking - I. Does the Bulge Quench Ongoing Star Formation in Early-Type Galaxies? - ALFA - has 32 citations.

Fabello et al. (2011) - Arecibo Legacy Fast ALFA H I Data Stacking - II. H I Content of the Host Galaxies of Active Galactic Nuclei - ALFA - has 12 citations.

Freire et al. (2011) - On the Nature and Evolution of the Unique Binary Pulsar J1903+0327 - LBW - has 73 citations.

Freudling et al. (2011) - Deep 21 cm H I Observations at z ~ 0.1: The Precursor to the Arecibo Ultra Deep Survey - ALFA - has 9 citations.


Gonzalez et al. (2011) - High-Precision Timing of Five Millisecond Pulsars: Space Velocities, Binary Evolution, and Equivalence Principles - LBW, SBL - has 17 citations.

Gwinn et al. (2011) - Effects of Intermittent Emission: Noise Inventory for the Scintillating Pulsar B0834+06 - 327 - has 6 citations.


Hsu et al. (2011) - Physical Properties of Complex C Halo Clouds - ALFA - has 9 citations.

Knispel et al. (2011) - Arecibo PALFA Survey and Einstein@Home: Binary Pulsar Discovery by Volunteer Computing - ALFA, SBL - has 16 citations.

McIntyre et al. (2011) - Discovery and Follow-Up of a Nearby Galaxy from the Arecibo Zone of Avoidance Survey - ALFA, LBW - has 3 citations.

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Peculiar Properties and Geometric Regularity of Lyne and Manchester’s "PArtial Cone" Pulsars - 327, LBW - has 13 citations.


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Ray et al. (2011) - Precise $\gamma$-Ray Timing and Radio Observations of 17 Fermi $\gamma$-Ray Pulsars - 327, 430, ALFA, LBW - has 72 citations.

Saintonge et al. (2011) - COLD GASS, an IRAM legacy survey of molecular gas in massive galaxies - I. Relations between H$_2$, H I, stellar content and structural properties - LBW - has 103 citations.

van der Horst et al. (2011) - Detailed Radio View on Two Stellar Explosions and Their Host Galaxy: XRF 080109/SN 2008D and SN 2007uy in NGC 2770 - CB - has 10 citations.

Willett et al. (2011) - Mid-infrared Properties of OH Megamaser Host Galaxies. II. Analysis and Modeling of the Maser Environment - LBW - has 8 citations.

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Abramowski et al. (2012) - The 2010 Very High Energy $\gamma$-Ray Flare and 10 Years of Multi-Wavelength Observations of M 87 - CB - has 49 citations.

Al-Marzouk et al. (2012) - Discovery of 6.035 GHz Hydroxyl Maser Flares in IRAS 18566+0408 - CBH - has 1 citations.

Bania et al. (2012) - The Arecibo H II Region Discovery Survey - XB - has 8 citations.


Bontempi et al. (2012) - Physical Properties of the Nuclear Region in Seyfert Galaxies Derived from Observations with the European VLBI Network - LBW, CB - has 6 citations.


Catinella et al. (2012) - The GALEX Arecibo SDSS Survey. VI. Second Data Release and Updated Gas Fraction Scaling Relations - LBW - has 20 citations.

Crawford et al. (2012) - Four Highly Dispersed Millisecond Pulsars Discovered in the Arecibo PALFA Galactic Plane Survey - ALFA, LBW - has 8 citations.


Deneva et al. (2012) - Two Millisecond Pulsars Discovered by the PALFA Survey and a Shapiro Delay Measurement - ALFA, LBW - has 7 citations.
Fabello et al. (2012) - ALFALFA H I data stacking - III. Comparison of environmental trends in H I gas mass fraction and specific star formation rate - ALFA - has 5 citations.

Freire et al. (2012) - The Relativistic Pulsar-White Dwarf Binary PSR J1738+0333 - II. The Most Stringent Test of Scalar-Tensor Gravity - LBW - has 75 citations.

Giroletti et al. (2012) - The Kinematic of HST-1 in the Jet of M 87 - CB - has 13 citations.

Guillemot et al. (2012) - Discovery of the Millisecond Pulsar PSR J2043+1711 in a Fermi Source with the Nançay Radio Telescope - 327, LBW - has 24 citations.

Hallenbeck et al. (2012) - Gas-Bearing Early-Type Dwarf Galaxies in Virgo: Evidence for Recent Accretion - ALFA, LBW - has 11 citations.

Kang et al. (2012) - An Old Supernova Remnant within an H II Complex at \( \ell \sim 173^\circ \): FVW 172.8+1.5 - ALFA - has 2 citations.

Kirsten and Vlemmings (2012) - No Evidence for a Central IMBH in M 15 - LBW - has 10 citations.

Lee-Waddell et al. (2012) - Pre-existing dwarfs, tidal knots and a tidal dwarf galaxy: an unbiased H I study of the gas-rich interacting galaxy group NGC 3166/9 - ALFA - has 4 citations.


Mesler et al. (2012) - VLBI and Archival VLA and WSRT Observations of the GRB 030329 Radio Afterglow - CB - has 4 citations.

Pletsch et al. (2012) - Discovery of Nine Gamma-Ray Pulsars in Fermi Large Area Telescope Data Using a New Blind Search Method - 327, LBW - has 48 citations.

Romero-Cañizales et al. (2012) - EVN Observations of the Farthest and Brightest ULIRGs in the Local Universe: The Case of IRAS 23365+3604 - LBW, CB - has 1 citations.


Saintonge et al. (2012) - The Impact of Interactions, Bars, Bulges, and Active Galactic Nuclei on Star Formation Efficiency in Local Massive Galaxies - LBW - has 37 citations.

Saul et al. (2012) - The GALFA-H I Compact Cloud Catalog - ALFA - has 12 citations.

Scott et al. (2012) - Two Long H I Tails in the Outskirts of Abell 1367 - ALFA - has 8 citations.


Spitler et al. (2012) - Multimoment Radio Transient Detection - 430, ALFA - has 4 citations.

Taylor et al. (2012) - The Arecibo Galaxy Environment Survey - V. The Virgo cluster (I) - ALFA, LBW - has 8 citations.

Torres et al. (2012) - VLBA Determination of the Distance to nearby Star-forming Regions.
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Abdo et al. (2013) - The Second Fermi Large Area Telescope Catalog of Gamma-Ray Pulsars - LBW - has 97 citations.
Allen et al. (2013) - The Einstein@Home Search for Radio Pulsars and PSR J2007+2722 Discovery - 327, 430G, ALFA, SBL - has 14 citations.
Antoniadis et al. (2013) - A Massive Pulsar in a Compact Relativistic Binary - LBW - has 272 citations.
Catinella et al. (2013) - The GALEX Arecibo SDSS Survey - VIII. Final data release. The effect of group environment on the gas content of massive galaxies - LBW - has 11 citations.
Deneva et al. (2013) - Goals, Strategies and First Discoveries of AO327, the Arecibo All-sky 327 MHz Drift Pulsar Survey - 327 - has 6 citations.
Giovanelli et al. (2013) - ALFALFA Discovery of the Nearby Gas-rich Dwarf Galaxy Leo P. I. H I Observations - ALFA, LBW - has 18 citations.
Kardashev et al. (2013) - "RadioAstron"-A telescope with a size of 300 000 km: Main parameters and first observational results - 327 - has 11 citations.
Liu et al. (2013) - SIGGMA: A Survey of Ionized Gas in the Galaxy, Made with the Arecibo Telescope - ALFA - has 0 citations.
McBride et al. (2013) - Constraints on OH Megamaser Excitation from a Survey of OH Satellite Lines - LBW - has 1 citations.
Nice et al. (2013) - Timing and Interstellar Scattering of 35 Distant Pulsars Discovered in the PALFA Survey - ALFA, LBW - has 4 citations.
Papastergis et al. (2013) - The Clustering of ALFALFA Galaxies: Dependence on H I Mass, Relationship with Optical Samples, and Clues of Host Halo Properties - ALFA - has 2
Park et al. (2013) - H I Shells and Supershells in the I-GALFA H I 21 cm Line Survey. I. Fast-expanding H I Shells Associated with Supernova Remnants - ALFA - has 1 citations.

Pingel et al. (2013) - Characterizing the Turbulent Properties of the Starless Molecular Cloud MBM 16 - ALFA - has 1 citations.

Rankin et al. (2013) - Drifting, moding and nulling: another look at pulsar B1918+19 - 327, LBW - has 4 citations.

Route and Wolszczan (2013) - The 5 GHz Arecibo Search for Radio Flares from Ultracool Dwarfs - CB - has 2 citations.

Shannon et al. (2013) - Gravitational-wave limits from pulsar timing constrain supermassive black hole evolution - CB, SBN - has 34 citations.

Smith et al. (2013) - Core and conal component analysis of pulsar B1237+25 - II. Investigation of the segregated modes - 327 - has 1 citations.

Taylor et al. (2013) - The Arecibo Galaxy Environment Survey - VI. The Virgo cluster (II) - ALFA, LBW - has 2 citations.

Tully et al. (2013) - Cosmicflows-2: The Data - LB - has 22 citations.

Von Korff et al. (2013) - Astropulse: A Search for Microsecond Transient Radio Signals Using Distributed Computing. I. Methodology - ALFA - has 0 citations.


Wang et al. (2013) - The Bluedisks project, a study of unusually H I-rich galaxies - I. H I sizes and morphology - LB - has 6 citations.

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Bietenholz et al. (2014) - Radio limits on off-axis GRB afterglows and VLBI observations of SN 2003gk - XB - has 3 citations.

Deane et al. (2014) - A close-pair binary in a distant triple supermassive black hole system - LBW - has 4 citations.

Fonseca et al. (2014) - A Comprehensive Study of Relativistic Gravity Using PSR B1534+12 - 430, LB - has 3 citations.

Gajjar et al. (2014) - On the long nulls of PSRs J1738-2330 and J1752+2359 - 327 - has 2 citations.

Hada et al. (2014) - A Strong Radio Brightening at the Jet Base of M 87 during the Elevated Very High Energy Gamma-Ray State in 2012 - CB - has 0 citations.

Kirsten et al. (2014) - Precision astrometry of pulsars and other compact radio sources in the globular cluster M15 - LBW - has 0 citations.

Lazarus et al. (2014) - Timing of a young mildly recycled pulsar with a massive white dwarf companion - ALFA, LBW - has 3 citations.

Liszt (2014) - $N\text{(H I)}/E(B - V)$ - ALFA - has 7 citations.

Olmi et al. (2014) - Discovery of weak 6.7 GHz CH$_3$OH masers in a sample of high-mass Hi-GAL sources - CBH - has 1 citations.

Pen et al. (2014) - 50 picoarcsec astrometry of pulsar emission - 327 - has 5 citations.

Ransom et al. (2014) - A millisecond pulsar in a stellar triple system - LB - has 15 citations.

Seymour et al. (2014) - Bursting emission from PSR B0611+22 - 327, LB, CB, XB - has 0 citations.

Sidorin et al. (2014) - Exploring GLIMPSE bubble N107. Multiwavelength observations and simulations - ALFA - has 0 citations.

Smirnova et al. (2014) - RadioAstron Studies of the Nearby, Turbulent Interstellar Plasma with the Longest Space-Ground Interferometer Baseline - 327 - has 0 citations.

Spitler et al. (2014) - Fast Radio Burst Discovered in the Arecibo Pulsar ALFA Survey - ALFA, LBW, 327 - has 12 citations.

Stappers et al. (2014) - A State Change in the Missing Link Binary Pulsar System PSR J1023+0038 - CB - has 14 citations.

Swiggum et al. (2014) - Arecibo Pulsar Survey Using ALFA. III. Precursor Survey and Population Synthesis - ALFA - has 0 citations.

Taylor et al. (2014) - The Arecibo Galaxy Environment Survey - VII. A dense filament with extremely long H I streams - ALFA, LBW - has 0 citations.

Taylor et al. (2014) - The Arecibo Galaxy Environment Survey - VIII. Discovery of an isolated dwarf galaxy in the Local Volume - ALFA, LBW - has 1 citations.

Vigeland and Vallisneri (2014) - Bayesian inference for pulsar-timing models - 327, 430G, LBW, SBN - has 3 citations.

Wolszczan and Route (2014) - Timing Analysis of the Periodic Radio and Optical Brightness Variations of the Ultracool Dwarf, TVLM 513-46546 - CB - has 1 citations.

Xiao and Zhu (2014) - GSH 90-28-17: a possible old supernova remnant - ALFA - has 0 citations.

Zhu et al. (2014) - Searching for Pulsars Using Image Pattern Recognition - ALFA - has 2 citations.
Radar

Kamoun et al. (1998) - Radar Observations of Three Comets and Detection of Echoes from One: P/Grigg-Skjellerup - SBTX, SBN - has 13 citations.

Campbell et al. (1999) - Surface Processes in the Venus Highlands: Results from Analysis of Magellan and Arecibo Data - SBTX, SBN - has 9 citations.

Harmon et al. (1999) - Mars Mapping with Delay-Doppler Radar - SBTX, SBN - has 35 citations.

Harmon et al. (1999) - Radar Observations of Comets - SBTX, SBN - has 24 citations.


Ostro et al. (2000) - Radar Observations of Asteroid 216 Kleopatra - SBTX, SBN - has 91 citations.


Shepard et al. (2000) - Radar Observations of Asteroid 2100 Ra-Shalom - SBTX, SBN - has 8 citations.

Black et al. (2001) - Icy Galilean Satellites: 70 cm Radar Results from Arecibo - 430TX, 430L - has 12 citations.

Harmon et al. (2001) - High-Resolution Radar Imaging of Mercury's North Pole - SBTX, SBN - has 62 citations.

Magri et al. (2001) - Radar Constraints on Asteroid Regolith Compositions using 433 Eros as Ground Truth - SBTX, SBN - has 31 citations.

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Nolan et al. (2006) - Detection of Large Grains in the Coma of Comet C/2001 A2 (LINEAR) from Arecibo Radar Observations - SBTX, SBN - has 7 citations.

Ostro et al. (2006) - Radar Imaging of Binary Near-Earth Asteroid (66391) 1999 KW4 - SBTX, SBN - has 88 citations.

Pravec et al. (2006) - Photometric Survey of Binary Near-Earth Asteroids - SBTX, SBN - has 105 citations.


Thompson et al. (2006) - Radar Probing of Planetary Regoliths: An Example from the Northern Rim of Imbrium Basin - 430TX - has 3 citations.

Black et al. (2007) - Arecibo Radar Observations of Rhea, Dione, Tethys, and Enceladus - SBTX, SBN - has 4 citations.

Busch et al. (2007) - Arecibo Radar Observations of Phobos and Deimos - SBTX, SBN - has 5 citations.

Busch et al. (2007) - Physical Modeling of Near-Earth Asteroid (29075) 1950 DA - SBTX, SBN - has 10 citations.

Campbell et al. (2007) - Focused 70-cm Wavelength Radar Mapping of the Moon - 430TX - has 33 citations.

Harmon et al. (2007) - Mercury: Radar Images of the Equatorial and Midlatitude Zones - SBTX, SBN - has 32 citations.

Harmon (2007) - Radar Imaging of Mercury - SBTX, SBN - has 18 citations.


Magri et al. (2007) - Radar Observations and a Physical Model of Asteroid 1580 Betulia - SBTX, SBN - has 28 citations.

Margot et al. (2007) - Large Longitude Libration of Mercury Reveals a Molten Core - SBTX, SBN - has 142 citations.

Sultan-Salem and Tyler (2007) - Revisiting Titan’s Earth-Based Scattering Data at 13 cm-λ - SBTX, SBN - has 1 citations.

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