

Jesus Martin-Pintado

List of Publications by Year in descending order

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169
papers

7,843
citations

38742

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60623

81
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171
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171
docs citations

171
times ranked

3518
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Deuterium Fractionation as a Multiphase Component Tracer in the Galactic Center. <i>Astrophysical Journal Letters</i> , 2022, 926, L22. | 8.3 | 9 |
| 2 | The SKA as a Prebiotic Molecule Detector. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, . | 2.8 | 1 |
| 3 | Precursors of the RNA World in Space: Detection of (Z)-1,2-ethenediol in the Interstellar Medium, a Key Intermediate in Sugar Formation. <i>Astrophysical Journal Letters</i> , 2022, 929, L11. | 8.3 | 43 |
| 4 | Ionize Hard: Interstellar PO ⁺ Detection. <i>Frontiers in Astronomy and Space Sciences</i> , 2022, 9, . | 2.8 | 20 |
| 5 | The Origin of the E/Z Isomer Ratio of Imines in the Interstellar Medium. <i>Astrophysical Journal Letters</i> , 2021, 912, L6. | 8.3 | 18 |
| 6 | Thiols in the Interstellar Medium: First Detection of HC(O)SH and Confirmation of C ₂ H ₅ SH. <i>Astrophysical Journal Letters</i> , 2021, 912, L11. | 8.3 | 53 |
| 7 | Discovery in space of ethanolamine, the simplest phospholipid head group. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, . | 7.1 | 62 |
| 8 | Probing the Chemical Complexity of Amines in the ISM: Detection of Vinylamine (C ₂ H ₃ NH ₂) and Tentative Detection of Ethylamine (C ₂ H ₅ NH ₂). <i>Astrophysical Journal Letters</i> , 2021, 920, L27. | 8.3 | 28 |
| 9 | Toward the RNA-World in the Interstellar Medium—Detection of Urea and Search of 2-Amino-oxazole and Simple Sugars. <i>Astrobiology</i> , 2020, 20, 1048-1066. | 3.0 | 65 |
| 10 | Prebiotic Precursors of the Primordial RNA World in Space: Detection of NH ₂ OH. <i>Astrophysical Journal Letters</i> , 2020, 899, L28. | 8.3 | 63 |
| 11 | The unbearable opaqueness of Arp220. <i>Astronomy and Astrophysics</i> , 2016, 590, A25. | 5.1 | 48 |
| 12 | THE FIRST DETECTIONS OF THE KEY PREBIOTIC MOLECULE PO IN STAR-FORMING REGIONS. <i>Astrophysical Journal</i> , 2016, 826, 161. | 4.5 | 83 |
| 13 | SPACEKIDS: kinetic inductance detectors for space applications. <i>Proceedings of SPIE</i> , 2016, , . | 0.8 | 8 |
| 14 | Lambda = 3mm line survey of nearby active galaxies. <i>Astronomy and Astrophysics</i> , 2015, 579, A101. | 5.1 | 89 |
| 15 | Chemical features in the circumnuclear disk of the Galactic center. <i>Astronomy and Astrophysics</i> , 2015, 584, A102. | 5.1 | 39 |
| 16 | HIGH-LYING OH ABSORPTION, [C II] DEFICITS, AND EXTREME L _{FIR} /M _{H2} RATIOS IN GALAXIES. <i>Astrophysical Journal</i> , 2015, 800, 69. | 4.5 | 33 |
| 17 | 3-mm spectral line survey of two lines of sight towards two typical cloud complexes in the Galactic Centre. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 446, 3842-3862. | 4.4 | 25 |
| 18 | SHORT- AND LONG-TERM RADIO VARIABILITY OF YOUNG STARS IN THE ORION NEBULA CLUSTER AND MOLECULAR CLOUD. <i>Astrophysical Journal</i> , 2015, 808, 146. | 4.5 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Origin of the ionized wind in MWC 349A. <i>Astronomy and Astrophysics</i> , 2014, 571, L4. | 5.1 | 12 |
| 20 | The role of low-mass star clusters in forming the massive stars in DR 21. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1561-1575. | 4.4 | 16 |
| 21 | Towards Mo/Au based TES detectors for Athena/X-IFU. <i>Proceedings of SPIE</i> , 2014, , . | 0.8 | 2 |
| 22 | The molecular circumnuclear disk (CND) in Centaurus A. <i>Astronomy and Astrophysics</i> , 2014, 562, A96. | 5.1 | 17 |
| 23 | A non-LTE radiative transfer model to study ionized outflows and disks. The case of MWC349A. <i>Astronomy and Astrophysics</i> , 2013, 553, A45. | 5.1 | 23 |
| 24 | X-ray embedded stars as driving sources of outflow-driven turbulence in OMC1-S. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 2313-2328. | 4.4 | 15 |
| 25 | EVIDENCE FOR CO SHOCK EXCITATION IN NGC 6240 FROM <i>HERSCHEL</i> SPIRE SPECTROSCOPY. <i>Astrophysical Journal Letters</i> , 2013, 762, L16. | 8.3 | 115 |
| 26 | A NEW RADIO RECOMBINATION LINE MASER OBJECT TOWARD THE MonR2 H II REGION. <i>Astrophysical Journal Letters</i> , 2013, 764, L4. | 8.3 | 19 |
| 27 | The role of low-mass star clusters in massive star formation. The Orion case. <i>Astronomy and Astrophysics</i> , 2013, 554, A48. | 5.1 | 23 |
| 28 | A C^{18}O molecular line survey of NGC 1068. <i>Astronomy and Astrophysics</i> , 2013, 549, A39. | 5.1 | 60 |
| 29 | Kinetic temperatures toward X1/X2 orbit interceptions regions and giant molecular loops in the Galactic center region. <i>Astronomy and Astrophysics</i> , 2013, 549, A36. | 5.1 | 11 |
| 30 | In-orbit performance of <i>Herschel</i> -HIFI. <i>Astronomy and Astrophysics</i> , 2012, 537, A17. | 5.1 | 205 |
| 31 | Disk-Halo interaction: The molecular clouds in the Galactic center region. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012027. | 0.4 | 1 |
| 32 | Chemical complexity in NGC 1068. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012039. | 0.4 | 1 |
| 33 | Unveiling the kinematics of the disk and the ionized stellar wind of the massive star MWC349A through RRL masers. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 460-464. | 0.0 | 0 |
| 34 | CHEMICAL SEGREGATION TOWARD MASSIVE HOT CORES: THE AFGL2591 STAR-FORMING REGION. <i>Astrophysical Journal</i> , 2012, 753, 34. | 4.5 | 49 |
| 35 | GREAT confirms transient nature of the circum-nuclear disk. <i>Astronomy and Astrophysics</i> , 2012, 542, L21. | 5.1 | 56 |
| 36 | Spectral imaging of the Central Molecular Zone in multiple 3-mm molecular lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2961-2986. | 4.4 | 128 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Surviving the hole. <i>Astronomy and Astrophysics</i> , 2012, 539, A29. | 5.1 | 55 |
| 38 | The search for the magnetic precursor of C-type shocks in young molecular outflows. <i>Astronomy and Astrophysics</i> , 2012, 544, A150. | 5.1 | 5 |
| 39 | Mapping photodissociation and shocks in the vicinity of Sagittarius A [*] . <i>Astronomy and Astrophysics</i> , 2011, 526, A54. | 5.1 | 40 |
| 40 | EXTREMELY BROAD RADIO RECOMBINATION MASER LINES TOWARD THE HIGH-VELOCITY IONIZED JET IN CEPHEUS A HW2. <i>Astrophysical Journal Letters</i> , 2011, 732, L27. | 8.3 | 27 |
| 41 | The Submillimeter Array 1.3 mm line survey of Arp 220. <i>Astronomy and Astrophysics</i> , 2011, 527, A36. | 5.1 | 71 |
| 42 | CS, HC ₃ N, and CH ₃ CCH multi-line analyses toward starburst galaxies. <i>Astronomy and Astrophysics</i> , 2011, 525, A89. | 5.1 | 46 |
| 43 | VARIABILITY OF THE SiO THERMAL LINE EMISSION TOWARD THE YOUNG L1448-mm OUTFLOW. <i>Astrophysical Journal</i> , 2011, 739, 80. | 4.5 | 5 |
| 44 | The WADI key project: New insights to photon-dominated regions from Herschel observations. <i>EAS Publications Series</i> , 2011, 52, 181-186. | 0.3 | 9 |
| 45 | Chemical Complexity in Extragalactic Nuclei: ARP 220, NGC 253 and NGC 4945 surveys with the APEX telescope. <i>EAS Publications Series</i> , 2011, 52, 299-300. | 0.3 | 1 |
| 46 | Disk and wind kinematics in MWC 349A. <i>Astronomy and Astrophysics</i> , 2011, 530, L15. | 5.1 | 18 |
| 47 | A ⁺ = 1.3 mm and 2 mm molecular line survey towards M 82. <i>Astronomy and Astrophysics</i> , 2011, 535, A84. | 5.1 | 72 |
| 48 | Interstellar CH absorption in the diffuse interstellar medium along the sight-lines to G10.6+0.4 (W31C), W49N, and W51. <i>Astronomy and Astrophysics</i> , 2010, 521, L16. | 5.1 | 77 |
| 49 | Strong absorption by interstellar hydrogen fluoride: Herschel/HIFI observations of the sight-line to G10.6+0.4 (W31C). <i>Astronomy and Astrophysics</i> , 2010, 518, L108. | 5.1 | 90 |
| 50 | Interstellar OH ⁺ , H ₂ O ⁺ and H ₃ O ⁺ along the sight-line to G10.6+0.4. <i>Astronomy and Astrophysics</i> , 2010, 518, L110. | 5.1 | 155 |
| 51 | Detection of interstellar oxidaniumyl: Abundant H ₂ O ⁺ towards the star-forming regions DR21, Sgr B2, and NGC6334. <i>Astronomy and Astrophysics</i> , 2010, 518, L111. | 5.1 | 78 |
| 52 | The CHESS spectral survey of star forming regions: Peering into the protostellar shock L1157-B1. <i>Astronomy and Astrophysics</i> , 2010, 518, L113. | 5.1 | 61 |
| 53 | HIFI observations of warm gas in DR21: Shock versus radiative heating. <i>Astronomy and Astrophysics</i> , 2010, 518, L79. | 5.1 | 17 |
| 54 | HIFI spectroscopy of low-level water transitions in M 82. <i>Astronomy and Astrophysics</i> , 2010, 521, L1. | 5.1 | 43 |

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|----|---|-----|-----------|
| 55 | <i>Herschel</i> observations in the ultracompact HII region Mon R2. <i>Astronomy and Astrophysics</i> , 2010, 521, L23. | 5.1 | 13 |
| 56 | Excitation and abundance of C ³⁺ in star forming cores. <i>Astronomy and Astrophysics</i> , 2010, 521, L13. | 5.1 | 30 |
| 57 | <i>Herschel</i> observations of EXtra-Ordinary Sources (HEXOS): detecting spiral arm clouds by CH absorption lines. <i>Astronomy and Astrophysics</i> , 2010, 521, L14. | 5.1 | 27 |
| 58 | CH ⁺ (1 μ 0) and ¹³ CH ⁺ (1 μ 0) absorption lines in the direction of massive star-forming regions. <i>Astronomy and Astrophysics</i> , 2010, 521, L15. | 5.1 | 49 |
| 59 | Excitation of the molecular gas in the nuclear region of M82. <i>Astronomy and Astrophysics</i> , 2010, 521, L2. | 5.1 | 17 |
| 60 | Gas morphology and energetics at the surface of PDRs: New insights with <i>Herschel</i> observations of NGC 7023. <i>Astronomy and Astrophysics</i> , 2010, 521, L25. | 5.1 | 30 |
| 61 | The magnetic precursor of L1448-mm: excitation differences between ion and neutral fluids. <i>Astronomy and Astrophysics</i> , 2010, 513, A64. | 5.1 | 4 |
| 62 | <i>Herschel</i> /HIFI measurements of the ortho/para ratio in water towards Sagittarius B2(M) and W31C. <i>Astronomy and Astrophysics</i> , 2010, 521, L26. | 5.1 | 57 |
| 63 | The origin of the [CII] emission in the S140 photon-dominated regions. New insights from HIFI. <i>Astronomy and Astrophysics</i> , 2010, 521, L24. | 5.1 | 15 |
| 64 | Nitrogen hydrides in interstellar gas. <i>Astronomy and Astrophysics</i> , 2010, 521, L45. | 5.1 | 68 |
| 65 | Strong CH ⁺ ν = 1 μ 0 emission and absorption in DR21. <i>Astronomy and Astrophysics</i> , 2010, 518, L118. | 5.1 | 45 |
| 66 | Tracing gas accretion in the Galactic center using isotopic ratios. <i>Astronomy and Astrophysics</i> , 2010, 523, A51. | 5.1 | 31 |
| 67 | Black hole accretion and star formation as drivers of gas excitation and chemistry in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L42. | 5.1 | 247 |
| 68 | A large ¹² C/ ¹³ C isotopic ratio in M82 and NGC253. <i>Astronomy and Astrophysics</i> , 2010, 522, A62. | 5.1 | 60 |
| 69 | <i>Herschel</i> /HIFI observations of interstellar OH ⁺ and H ₂ O ⁺ towards W49N: a probe of diffuse clouds with a small molecular fraction. <i>Astronomy and Astrophysics</i> , 2010, 521, L10. | 5.1 | 143 |
| 70 | <i>Herschel</i> observations of water vapour in Markarian 231. <i>Astronomy and Astrophysics</i> , 2010, 518, L43. | 5.1 | 78 |
| 71 | Detection of hydrogen fluoride absorption in diffuse molecular clouds with <i>Herschel</i> /HIFI: an ubiquitous tracer of molecular gas. <i>Astronomy and Astrophysics</i> , 2010, 521, L12. | 5.1 | 92 |
| 72 | PACS and SPIRE photometer maps of M33: First results of the <i>HERschel</i> M33 Extended Survey (HERM33ES). <i>Astronomy and Astrophysics</i> , 2010, 518, L67. | 5.1 | 68 |

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| 73 | The <i>Herschel</i> -Heterodyne Instrument for the Far-Infrared (HIFI). <i>Astronomy and Astrophysics</i> , 2010, 518, L6. | 5.1 | 557 |
| 74 | Detection of OH ⁺ and H ₂ O ⁺ towards Orion ÅKL. <i>Astronomy and Astrophysics</i> , 2010, 521, L47. | 5.1 | 40 |
| 75 | Molecular gas chemistry in AGN. <i>Astronomy and Astrophysics</i> , 2010, 519, A2. | 5.1 | 72 |
| 76 | Reversal of infall in SgrB2(M) revealed by <i>Herschel</i> /HIFI observations of HCN lines at THz frequencies. <i>Astronomy and Astrophysics</i> , 2010, 521, L46. | 5.1 | 23 |
| 77 | SiO EMISSION AS A TRACER OF X-RAY DOMINATED CHEMISTRY IN THE GALACTIC CENTER. <i>Astrophysical Journal</i> , 2009, 694, 943-950. | 4.5 | 31 |
| 78 | THE EVOLUTION OF MOLECULAR LINE PROFILES INDUCED BY THE PROPAGATION OF C-SHOCK WAVES. <i>Astrophysical Journal</i> , 2009, 695, 149-155. | 4.5 | 25 |
| 79 | HNCO ABUNDANCES IN GALAXIES: TRACING THE EVOLUTIONARY STATE OF STARBURSTS. <i>Astrophysical Journal</i> , 2009, 694, 610-617. | 4.5 | 66 |
| 80 | UNVEILING THE MAIN HEATING SOURCES IN THE CEPHEUS A HW2 REGION. <i>Astrophysical Journal</i> , 2009, 703, L157-L161. | 4.5 | 28 |
| 81 | EXTRAGALACTIC CS SURVEY. <i>Astrophysical Journal</i> , 2009, 707, 126-136. | 4.5 | 46 |
| 82 | The <i>Herschel</i> -Heterodyne Instrument for the Far-Infrared (HIFI). <i>EAS Publications Series</i> , 2009, 34, 3-20. | 0.3 | 21 |
| 83 | The space infrared telescope for cosmology and astrophysics: SPICA A joint mission between JAXA and ESA. <i>Experimental Astronomy</i> , 2009, 23, 193-219. | 3.7 | 100 |
| 84 | Millimetron – a large Russian-European submillimeter space observatory. <i>Experimental Astronomy</i> , 2009, 23, 221-244. | 3.7 | 58 |
| 85 | PHOTODISSOCIATION CHEMISTRY FOOTPRINTS IN THE STARBURST GALAXY NGC 253. <i>Astrophysical Journal</i> , 2009, 706, 1323-1330. | 4.5 | 44 |
| 86 | High-resolution mm interferometry and the search for massive protostellar disks: the case of Cep-A HW2. <i>Astrophysics and Space Science</i> , 2008, 313, 59-63. | 1.4 | 1 |
| 87 | The Galactic Center as nearby extragalactic chemical laboratory. <i>Astrophysics and Space Science</i> , 2008, 313, 303-306. | 1.4 | 2 |
| 88 | Revealing the “fingerprints” of the magnetic precursor of ÅC-shocks. <i>Astrophysics and Space Science</i> , 2008, 313, 159-163. | 1.4 | 1 |
| 89 | The <i>Herschel</i> -Heterodyne Instrument for the Far-Infrared (HIFI): instrument and pre-launch testing. <i>Proceedings of SPIE</i> , 2008, , . | 0.8 | 17 |
| 90 | ESPRIT: a study concept for a far-infrared interferometer in space. , 2008, , . | | 10 |

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|-----|---|------|-----------|
| 91 | The Galactic Center: The Largest Oxygen-bearing Organic Molecule Repository. <i>Astrophysical Journal</i> , 2008, 672, 352-360. | 4.5 | 150 |
| 92 | Tracing High-Density Gas in M82 and NGC 4038. <i>Astrophysical Journal</i> , 2008, 685, L35-L38. | 4.5 | 20 |
| 93 | Tracing Shocks and Photodissociation in the Galactic Center Region1. <i>Astrophysical Journal</i> , 2008, 678, 245-254. | 4.5 | 99 |
| 94 | Parametrization of C-shocks. Evolution of the sputtering of grains. <i>Astronomy and Astrophysics</i> , 2008, 482, 549-559. | 5.1 | 104 |
| 95 | Large-scale molecular shocks in starburst and active galaxies. <i>EAS Publications Series</i> , 2008, 31, 117-122. | 0.3 | 1 |
| 96 | Prospectives of Herschel PDR observations. <i>EAS Publications Series</i> , 2008, 31, 193-194. | 0.3 | 0 |
| 97 | A Photoevaporating Rotating Disk in the Cepheus A HW2 Star Cluster. <i>Astrophysical Journal</i> , 2007, 661, L187-L190. | 4.5 | 44 |
| 98 | Organic Chemistry in the Dark Clouds L1448 and L183: A Unique Grain Mantle Composition. <i>Astrophysical Journal</i> , 2007, 655, L37-L40. | 4.5 | 31 |
| 99 | Discovery of Interstellar Propylene (CH ₂ CHCH ₃): Missing Links in Interstellar Gas-Phase Chemistry. <i>Astrophysical Journal</i> , 2007, 665, L127-L130. | 4.5 | 146 |
| 100 | High-resolution study of a star-forming cluster in the Cepheus A HW2 region. <i>Astronomy and Astrophysics</i> , 2007, 469, 207-211. | 5.1 | 22 |
| 101 | Large-scale molecular shocks in galaxies. <i>New Astronomy Reviews</i> , 2007, 51, 75-79. | 12.8 | 7 |
| 102 | Extragalactic chemistry of molecular gas: lessons from the local universe. <i>Faraday Discussions</i> , 2006, 133, 33-42. | 3.2 | 1 |
| 103 | Methanol detection in M 82. <i>Astronomy and Astrophysics</i> , 2006, 450, L13-L16. | 5.1 | 33 |
| 104 | Large-scale molecular shocks in galaxies: the SiO interferometer map of IC 342. <i>Astronomy and Astrophysics</i> , 2006, 448, 457-470. | 5.1 | 47 |
| 105 | ESPRIT: a space interferometer concept for the far-infrared. , 2006, 6265, 637. | | 4 |
| 106 | Organic molecules in the Galactic center. <i>Astronomy and Astrophysics</i> , 2006, 455, 971-985. | 5.1 | 189 |
| 107 | The First Measurements of the Electron Density Enhancements Expected in C-Type Shocks. <i>Astrophysical Journal</i> , 2006, 650, L135-L138. | 4.5 | 22 |
| 108 | A 2 Millimeter Spectral Line Survey of the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , Supplement Series, 2006, 164, 450-476. | 7.7 | 183 |

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|-----|--|-----|-----------|
| 109 | Coupling the dynamics and the molecular chemistry in the Galactic center. <i>Astronomy and Astrophysics</i> , 2006, 455, 963-969. | 5.1 | 42 |
| 110 | A New Intermediate-Mass Protostar in the Cepheus A HW2 Region. <i>Astrophysical Journal</i> , 2005, 628, L61-L64. | 4.5 | 37 |
| 111 | OH Rotational Lines as a Diagnostic of the Warm Neutral Gas in Galaxies. <i>Astrophysical Journal</i> , 2005, 619, 291-296. | 4.5 | 16 |
| 112 | Grain Evolution across the Shocks in the L1448-mm Outflow. <i>Astrophysical Journal</i> , 2005, 627, L121-L124. | 4.5 | 51 |
| 113 | Exploratory submm space radio-interferometric telescope. <i>Advances in Space Research</i> , 2005, 36, 1109-1113. | 2.6 | 4 |
| 114 | ISO observations of the Galactic center interstellar medium. <i>Astronomy and Astrophysics</i> , 2005, 429, 923-938. | 5.1 | 19 |
| 115 | Q0957+561 revised: CO emission from a disk at $z = 1.4$. <i>Astronomy and Astrophysics</i> , 2005, 431, 879-886. | 5.1 | 9 |
| 116 | Sulfur Chemistry and Isotopic Ratios in the Starburst Galaxy NGC 253. <i>Astrophysical Journal</i> , 2005, 620, 210-216. | 4.5 | 77 |
| 117 | ISO observations of the Galactic center interstellar medium. <i>Astronomy and Astrophysics</i> , 2004, 427, 217-229. | 5.1 | 69 |
| 118 | Molecular gas chemistry in AGN. <i>Astronomy and Astrophysics</i> , 2004, 419, 897-912. | 5.1 | 144 |
| 119 | Tracing the Shock Precursors in the L1448-mm/IRS 3 Outflows. <i>Astrophysical Journal</i> , 2004, 603, L49-L52. | 4.5 | 36 |
| 120 | Molecular gas chemistry in NGC 1068. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 365-366. | 0.0 | 0 |
| 121 | Exploratory Submm Space Radio-Interferometric Telescope (ESPRIT). , 2004, , . | | 4 |
| 122 | Warm molecular gas, dust and ionized gas in the 500 central pc of the Galaxy. <i>Astronomische Nachrichten</i> , 2003, 324, 59-63. | 1.2 | 0 |
| 123 | First detections of extragalactic SO ₂ , NS and NO. <i>Astronomy and Astrophysics</i> , 2003, 411, L465-L468. | 5.1 | 62 |
| 124 | Wideband ultra-low noise cryogenic InP IF amplifiers for the Herschel mission radiometers. , 2003, , . | | 21 |
| 125 | Observational study of reactive ions and radicals in PDRs. <i>Astronomy and Astrophysics</i> , 2003, 406, 899-913. | 5.1 | 109 |
| 126 | Shocked gas layers surrounding the WR nebula NGC 2359. <i>Astronomy and Astrophysics</i> , 2003, 411, 465-475. | 5.1 | 9 |

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|-----|---|------|-----------|
| 127 | On the Heating Source of the Orion KL Hot Core. <i>Astrophysical Journal</i> , 2002, 574, L163-L166. | 4.5 | 27 |
| 128 | Widespread HCO Emission in the Nuclear Starburst of M82. <i>Astrophysical Journal</i> , 2002, 575, L55-L58. | 4.5 | 65 |
| 129 | Recombination line masers in YSOs. <i>Symposium - International Astronomical Union</i> , 2002, 206, 226-233. | 0.1 | 2 |
| 130 | The ionized gas in the Galactic Center Radio Arc. <i>Astrophysics and Space Science</i> , 2002, 281, 333-334. | 1.4 | 0 |
| 131 | The warm molecular gas in the Galactic Center. <i>Astrophysics and Space Science</i> , 2002, 281, 331-332. | 1.4 | 7 |
| 132 | The history of mass dispersal around Herbig Ae/Be stars. <i>Astronomy and Astrophysics</i> , 2002, 387, 977-992. | 5.1 | 57 |
| 133 | Disks and outflows around intermediate-mass stars and protostars. <i>Astronomy and Astrophysics</i> , 2001, 366, 873-890. | 5.1 | 74 |
| 134 | Large-Scale Grain Mantle Disruption in the Galactic Center. <i>Astrophysical Journal</i> , 2001, 548, L65-L68. | 4.5 | 46 |
| 135 | Shocked Ammonia in the Wolf-Rayet Nebula NGC 2359. <i>Astrophysical Journal</i> , 2001, 553, L181-L184. | 4.5 | 18 |
| 136 | Warm H ₂ in the Galactic center region. <i>Astronomy and Astrophysics</i> , 2001, 365, 174-185. | 5.1 | 73 |
| 137 | On the history of the interplay between HD 56925 and NGC 2359. <i>Astronomy and Astrophysics</i> , 2001, 366, 146-156. | 5.1 | 11 |
| 138 | Observations of SiO towards photon dominated regions. <i>Astronomy and Astrophysics</i> , 2001, 372, 291-301. | 5.1 | 72 |
| 139 | Large scale ionization of the Radio Arc region by the Quintuplet and the Arches clusters. <i>Astronomy and Astrophysics</i> , 2001, 377, 631-643. | 5.1 | 35 |
| 140 | A High-Density Thin Layer Confining the Hii Region M42: Heinrich Hertz Telescope Measurements. <i>Astrophysical Journal</i> , 2001, 559, 985-992. | 4.5 | 17 |
| 141 | S[CLC]i[/CLC]O Chimneys and Supershells in M82. <i>Astrophysical Journal</i> , 2001, 563, L27-L30. | 4.5 | 70 |
| 142 | Tentative Detection of CO[TSUP]+[/TSUP] toward Cygnus A. <i>Astrophysical Journal</i> , 2000, 545, L113-L116. | 4.5 | 20 |
| 143 | Gas-Rich Galaxy Pair Unveiled in the Lensed Quasar 0957+561. <i>Science</i> , 1999, 286, 2493-2495. | 12.6 | 15 |
| 144 | Hot Expanding Shells in the Envelope of the Sagittarius B2 Molecular Cloud. <i>Astrophysical Journal</i> , 1999, 519, 667-686. | 4.5 | 45 |

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|-----|--|-----|-----------|
| 145 | [ITAL]Infrared Space Observatory[/ITAL] Observations toward the Reflection Nebula NGC 7023: A Nonequilibrium Ortho-Para-H ₂ Ratio. <i>Astrophysical Journal</i> , 1999, 518, L45-L48. | 4.5 | 46 |
| 146 | Low-Velocity Ionized Winds from Regions around Young O Stars. <i>Astrophysical Journal</i> , 1999, 520, 162-172. | 4.5 | 48 |
| 147 | A Molecular Counterpart to the HH 1 ² Flow. <i>Astrophysical Journal</i> , 1999, 520, L111-L114. | 4.5 | 20 |
| 148 | High Density H ₂ -H II Interfaces in Orion. <i>Astrophysics and Space Science Library</i> , 1999, , 257-267. | 2.7 | 0 |
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