

# Dominique Yvon

## List of Publications by Year in descending order

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Version: 2024-02-01

191  
papers

37,538  
citations

4146

87  
h-index

3487

182  
g-index

193  
all docs

193  
docs citations

193  
times ranked

19725  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A13.   | 5.1 | 8,344     |
| 2  | <i>Planck</i> 2013 results. XVI. Cosmological parameters. Astronomy and Astrophysics, 2014, 571, A16.                                   | 5.1 | 4,703     |
| 3  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A20.   | 5.1 | 1,233     |
| 4  | <i>Planck</i> 2013 results. I. Overview of products and scientific results. Astronomy and Astrophysics, 2014, 571, A1.                  | 5.1 | 948       |
| 5  | Joint Analysis of BICEP2/<i>Keck Array</i> and <i>Planck</i> Data. Physical Review Letters, 2015, 114, 101301.                          | 7.8 | 819       |
| 6  | <i>Planck</i> 2013 results. XXII. Constraints on inflation. Astronomy and Astrophysics, 2014, 571, A22.                                 | 5.1 | 806       |
| 7  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A1.  | 5.1 | 738       |
| 8  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A11.   | 5.1 | 613       |
| 9  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A14.   | 5.1 | 568       |
| 10 | <i>Planck</i> 2013 results. XI. All-sky model of thermal dust emission. Astronomy and Astrophysics, 2014, 571, A11.                     | 5.1 | 566       |
| 11 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A27.   | 5.1 | 535       |
| 12 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A24.   | 5.1 | 525       |
| 13 | <i>Planck</i> 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts. Astronomy and Astrophysics, 2014, 571, A20.            | 5.1 | 465       |
| 14 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A17.   | 5.1 | 440       |
| 15 | <i>Planck</i> early results. I. The <i>Planck</i> mission. Astronomy and Astrophysics, 2011, 536, A1.                                   | 5.1 | 394       |
| 16 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A10.   | 5.1 | 384       |
| 17 | <i>Planck</i> 2013 results. XXIX. The <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2014, 571, A29. | 5.1 | 380       |
| 18 | <i>Planck</i> 2013 results. XXIII. Isotropy and statistics of the CMB. Astronomy and Astrophysics, 2014, 571, A23.                      | 5.1 | 367       |

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|----|--|-----|-----------|
| 19 | <i>Planck</i> 2013 results. XV. CMB power spectra and likelihood. <i>Astronomy and Astrophysics</i> , 2014, 571, A15.  | 5.1 | 364       |
| 20 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A15.  | 5.1 | 360       |
| 21 | <i>Planck</i> 2013 results. XXIV. Constraints on primordial non-Gaussianity. <i>Astronomy and Astrophysics</i> , 2014, 571, A24.   | 5.1 | 350       |
| 22 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A16.  | 5.1 | 338       |
| 23 | <i>Planck</i> early results. VIII. The all-sky early Sunyaev-Zeldovich cluster sample. <i>Astronomy and Astrophysics</i> , 2011, 536, A8.  | 5.1 | 335       |
| 24 | <i>Planck</i> early results. XIX. All-sky temperature and dust optical depth from <i>Planck</i> and IRAS. Constraints on the "dark gas" in our Galaxy. <i>Astronomy and Astrophysics</i> , 2011, 536, A19. | 5.1 | 314       |
| 25 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A131.   | 5.1 | 276       |
| 26 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A22.  | 5.1 | 274       |
| 27 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A19.  | 5.1 | 273       |
| 28 | <i>Planck</i> 2013 results. XVII. Gravitational lensing by large-scale structure. <i>Astronomy and Astrophysics</i> , 2014, 571, A17.  | 5.1 | 272       |
| 29 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A138.   | 5.1 | 270       |
| 30 | <i>Planck</i> pre-launch status: The <i>Planck</i> mission. <i>Astronomy and Astrophysics</i> , 2010, 520, A1.   | 5.1 | 268       |
| 31 | <i>Planck</i> early results. VII. The Early Release Compact Source Catalogue. <i>Astronomy and Astrophysics</i> , 2011, 536, A7.   | 5.1 | 224       |
| 32 | <i>Planck</i> 2013 results. XXV. Searches for cosmic strings and other topological defects. <i>Astronomy and Astrophysics</i> , 2014, 571, A25.  | 5.1 | 223       |
| 33 | <i>Planck</i> 2013 results. XII. Diffuse component separation. <i>Astronomy and Astrophysics</i> , 2014, 571, A12.   | 5.1 | 216       |
| 34 | <i>Planck</i> 2013 results. XXX. Cosmic infrared background measurements and implications for star formation. <i>Astronomy and Astrophysics</i> , 2014, 571, A30.  | 5.1 | 210       |
| 35 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A8.   | 5.1 | 209       |
| 36 | Cosmological constraints from Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L25-L30.  | 5.1 | 188       |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | <i>Planck</i> pre-launch status: The HFI instrument, from specification to actual performance. <i>Astronomy and Astrophysics</i> , 2010, 520, A9.                 | 5.1 | 184       |
| 38 | <i>Planck</i> early results. XXV. Thermal dust in nearby molecular clouds. <i>Astronomy and Astrophysics</i> , 2011, 536, A25.                                    | 5.1 | 184       |
| 39 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A9.  | 5.1 | 182       |
| 40 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A26.   | 5.1 | 182       |
| 41 | <i>Planck</i> early results. XVIII. The power spectrum of cosmic infrared background anisotropies. <i>Astronomy and Astrophysics</i> , 2011, 536, A18.            | 5.1 | 180       |
| 42 | <i>Planck</i> early results. XXIV. Dust in the diffuse interstellar medium and the Galactic halo. <i>Astronomy and Astrophysics</i> , 2011, 536, A24.             | 5.1 | 179       |
| 43 | <i>Planck</i> early results. XI. Calibration of the local galaxy cluster Sunyaev-Zeldovich scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A11. | 5.1 | 174       |
| 44 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A133.  | 5.1 | 173       |
| 45 | The cosmic microwave background anisotropy power spectrum measured by Archeops. <i>Astronomy and Astrophysics</i> , 2003, 399, L19-L23.                           | 5.1 | 170       |
| 46 | <i>Planck</i> 2013 results. XXVII. Doppler boosting of the CMB: Eppur si muove. <i>Astronomy and Astrophysics</i> , 2014, 571, A27.                               | 5.1 | 170       |
| 47 | <i>Planck</i> 2013 results. XXVIII. The <i>Planck</i> Catalogue of Compact Sources. <i>Astronomy and Astrophysics</i> , 2014, 571, A28.                           | 5.1 | 162       |
| 48 | <i>Planck</i> early results. XX. New light on anomalous microwave emission from spinning dust grains. <i>Astronomy and Astrophysics</i> , 2011, 536, A20.         | 5.1 | 155       |
| 49 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A25.   | 5.1 | 153       |
| 50 | <i>Planck</i> early results. XXIII. The first all-sky survey of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A23.                         | 5.1 | 152       |
| 51 | <i>Planck</i> 2013 results. XIII. Galactic CO emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A13.   | 5.1 | 144       |
| 52 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 557, A52.   | 5.1 | 141       |
| 53 | <i>Planck</i> early results. IV. First assessment of the High Frequency Instrument in-flight performance. <i>Astronomy and Astrophysics</i> , 2011, 536, A4.      | 5.1 | 136       |
| 54 | Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2014, 566, A55.  | 5.1 | 134       |

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|----|---|-----|-----------|
| 55 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A28.   | 5.1 | 134       |
| 56 | <i>Planck</i> 2013 results. XXI. Power spectrum and high-order statistics of the <i>Planck</i> all-sky Compton parameter map. Astronomy and Astrophysics, 2014, 571, A21.                         | 5.1 | 133       |
| 57 | <i>Planck</i> 2013 results. IX. HFI spectral response. Astronomy and Astrophysics, 2014, 571, A9.   | 5.1 | 129       |
| 58 | <i>Planck</i> 2013 results. XIX. The integrated Sachs-Wolfe effect. Astronomy and Astrophysics, 2014, 571, A19.   | 5.1 | 126       |
| 59 | <i>Planck</i> early results. IX. <i>XMM-Newton</i> follow-up for validation of <i>Planck</i> cluster candidates. Astronomy and Astrophysics, 2011, 536, A9.                                       | 5.1 | 126       |
| 60 | <i>Planck</i> early results. X. Statistical analysis of Sunyaev-Zeldovich scaling relations for X-ray galaxy clusters. Astronomy and Astrophysics, 2011, 536, A10.                                | 5.1 | 124       |
| 61 | <i>Planck</i> early results. XVII. Origin of the submillimetre excess dust emission in the Magellanic Clouds. Astronomy and Astrophysics, 2011, 536, A17.   | 5.1 | 123       |
| 62 | <i>Planck</i> early results. XXI. Properties of the interstellar medium in the Galactic plane. Astronomy and Astrophysics, 2011, 536, A21.  | 5.1 | 119       |
| 63 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A12.   | 5.1 | 117       |
| 64 | <i>Planck</i> early results. VI. The High Frequency Instrument data processing. Astronomy and Astrophysics, 2011, 536, A6.  | 5.1 | 116       |
| 65 | <i>Planck</i> 2013 results. XVIII. The gravitational lensing-infrared background correlation. Astronomy and Astrophysics, 2014, 571, A18.   | 5.1 | 116       |
| 66 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A21.   | 5.1 | 114       |
| 67 | Five Years of Experimental Warming Increases the Biodiversity and Productivity of Phytoplankton. PLoS Biology, 2015, 13, e1002324.  | 5.6 | 111       |
| 68 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A132.  | 5.1 | 109       |
| 69 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A135.  | 5.1 | 109       |
| 70 | <i>Planck</i> 2013 results. VIII. HFI photometric calibration and mapmaking. Astronomy and Astrophysics, 2014, 571, A8.   | 5.1 | 107       |
| 71 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 554, A139.  | 5.1 | 106       |
| 72 | <i>Planck</i> early results. XIII. Statistical properties of extragalactic radio sources in the <i>Planck</i> Early Release Compact Source Catalogue. Astronomy and Astrophysics, 2011, 536, A13. | 5.1 | 103       |

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|----|---|-----|-----------|
| 73 | <i>Planck</i> 2013 results. VI. High Frequency Instrument data processing. <i>Astronomy and Astrophysics</i> , 2014, 571, A6.   | 5.1 | 103       |
| 74 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 554, A140.  | 5.1 | 101       |
| 75 | <i>Planck</i> early results. XII. Cluster Sunyaev-Zeldovich optical scaling relations. <i>Astronomy and Astrophysics</i> , 2011, 536, A12.  | 5.1 | 100       |
| 76 | <i>Planck</i> 2013 results. VII. HFI time response and beams. <i>Astronomy and Astrophysics</i> , 2014, 571, A7.  | 5.1 | 99        |
| 77 | Measurement of ionization and phonon production by nuclear recoils in a 60 g crystal of germanium at 25 mK. <i>Physical Review Letters</i> , 1992, 69, 3425-3427.                       | 7.8 | 98        |
| 78 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A134.  | 5.1 | 94        |
| 79 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A7.  | 5.1 | 94        |
| 80 | <i>Planck</i> early results. XV. Spectral energy distributions and radio continuum spectra of northern extragalactic radio sources. <i>Astronomy and Astrophysics</i> , 2011, 536, A15. | 5.1 | 93        |
| 81 | First detection of polarization of the submillimetre diffuse galactic dust emission by Archeops. <i>Astronomy and Astrophysics</i> , 2004, 424, 571-582.                                | 5.1 | 93        |
| 82 | <i>Planck</i> early results. II. The thermal performance of <i>Planck</i> . <i>Astronomy and Astrophysics</i> , 2011, 536, A2.  | 5.1 | 91        |
| 83 | <i>Planck</i> 2013 results. XXVI. Background geometry and topology of the Universe. <i>Astronomy and Astrophysics</i> , 2014, 571, A26.   | 5.1 | 91        |
| 84 | <i>Planck</i> 2013 results. XIV. Zodiacal emission. <i>Astronomy and Astrophysics</i> , 2014, 571, A14.   | 5.1 | 90        |
| 85 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A140.  | 5.1 | 89        |
| 86 | <i>Planck</i> 2015 results. <i>Astronomy and Astrophysics</i> , 2016, 594, A23.   | 5.1 | 89        |
| 87 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A103.  | 5.1 | 89        |
| 88 | <i>Planck</i> early results. XXII. The submillimetre properties of a sample of Galactic cold clumps. <i>Astronomy and Astrophysics</i> , 2011, 536, A22.                                | 5.1 | 88        |
| 89 | Searching for the cosmion by scattering in Si detectors. <i>Physical Review Letters</i> , 1990, 65, 1305-1308.  | 7.8 | 86        |
| 90 | <i>Planck</i> pre-launch status: High Frequency Instrument polarization calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A13.  | 5.1 | 82        |

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|-----|---|------|-----------|
| 91  | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 566, A54.   | 5.1  | 80        |
| 92  | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2014, 561, A97.   | 5.1  | 80        |
| 93  | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 580, A22.   | 5.1  | 80        |
| 94  | <i>Planck</i> 2013 results. XXXII. The updated <i>Planck</i> catalogue of Sunyaev-Zeldovich sources. Astronomy and Astrophysics, 2015, 581, A14.  | 5.1  | 80        |
| 95  | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A2.  | 5.1  | 79        |
| 96  | <i>Planck</i> early results. XVI. The <i>Planck</i> view of nearby galaxies. Astronomy and Astrophysics, 2011, 536, A16.  | 5.1  | 74        |
| 97  | <i>Planck</i> 2013 results. II. Low Frequency Instrument data processing. Astronomy and Astrophysics, 2014, 571, A2.  | 5.1  | 74        |
| 98  | The Planck High Frequency Instrument, a third generation CMB experiment, and a full sky submillimeter survey. New Astronomy Reviews, 2003, 47, 1017-1024.   | 12.8 | 73        |
| 99  | <i>Planck</i> early results. XXVI. Detection with <i>Planck</i> and confirmation by <i>XMM-Newton</i> of PLCKG266.6â€“27.3, an exceptionally X-ray luminous and massive galaxy cluster at <i>z</i>=1. Astronomy and Astrophysics, 2011, 536, A26. | 5.1  | 72        |
| 100 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A136.  | 5.1  | 72        |
| 101 | <i>Planck</i> 2013 results. XXXI. Consistency of the <i>Planck</i> data. Astronomy and Astrophysics, 2014, 571, A31.  | 5.1  | 69        |
| 102 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A18.   | 5.1  | 69        |
| 103 | <i>Planck</i> 2013 results. X. HFI energetic particle effects: characterization, removal, and simulation. Astronomy and Astrophysics, 2014, 571, A10.   | 5.1  | 68        |
| 104 | <i>Planck</i> 2013 results. V. LFI calibration. Astronomy and Astrophysics, 2014, 571, A5.  | 5.1  | 67        |
| 105 | <i>Planck</i> intermediate results. XV. A study of anomalous microwave emission in Galactic clouds. Astronomy and Astrophysics, 2014, 565, A103.  | 5.1  | 67        |
| 106 | Measurement of the ionization of slow silicon nuclei in silicon for the calibration of a silicon dark-matter detector. Physical Review D, 1990, 42, 3211-3214.  | 4.7  | 63        |
| 107 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A129.  | 5.1  | 63        |
| 108 | Simultaneous high resolution measurement of phonons and ionization created by particle interactions in a 60 g germanium crystal at 25 mK. Physical Review Letters, 1992, 69, 3531-3534.   | 7.8  | 62        |

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|-----|---|-----|-----------|
| 109 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A6.  | 5.1 | 62        |
| 110 | Planck early results. XIV. ERCSC validation and extreme radio sources. Astronomy and Astrophysics, 2011, 536, A14.  | 5.1 | 61        |
| 111 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2015, 582, A31.   | 5.1 | 59        |
| 112 | Archeops: a high resolution, large sky coverage balloon experiment for mapping cosmic microwave background anisotropies. Astroparticle Physics, 2002, 17, 101-124.              | 4.3 | 56        |
| 113 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A4.  | 5.1 | 56        |
| 114 | <i>Planck</i> intermediate results. XIV. Dust emission at millimetre wavelengths in the Galactic plane. Astronomy and Astrophysics, 2014, 564, A45.                             | 5.1 | 55        |
| 115 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A141.  | 5.1 | 55        |
| 116 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A5.  | 5.1 | 55        |
| 117 | <i>Planck</i> 2013 results. III. LFI systematic uncertainties. Astronomy and Astrophysics, 2014, 571, A3.   | 5.1 | 54        |
| 118 | <i>Planck</i> 2015 results. Astronomy and Astrophysics, 2016, 594, A3.  | 5.1 | 53        |
| 119 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2013, 550, A133.  | 5.1 | 52        |
| 120 | Temperature and polarization angular power spectra of Galactic dust radiation at 353 GHz as measured by Archeops. Astronomy and Astrophysics, 2005, 444, 327-336.               | 5.1 | 51        |
| 121 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2012, 543, A102.  | 5.1 | 50        |
| 122 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 586, A134.  | 5.1 | 48        |
| 123 | <i>Planck</i> intermediate results. XXVI. Optical identification and redshifts of <i>Planck</i> clusters with the RTT150 telescope. Astronomy and Astrophysics, 2015, 582, A29. | 5.1 | 46        |
| 124 | <i>Planck</i> intermediate results. Astronomy and Astrophysics, 2016, 596, A100.  | 5.1 | 44        |
| 125 | The CMB temperature power spectrum from an improved analysis of the Archeops data. Astronomy and Astrophysics, 2005, 436, 785-797.  | 5.1 | 43        |
| 126 | Calibration of a Ge crystal with nuclear recoils for the development of a dark matter detector. Astroparticle Physics, 1995, 3, 361-366.  | 4.3 | 42        |



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|-----|---|-----|-----------|
| 127 | Dark matter search with a low temperature sapphire bolometer. <i>Astroparticle Physics</i> , 1996, 6, 35-43.  | 4.3 | 41        |
| 128 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 580, A13.   | 5.1 | 37        |
| 129 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A104.  | 5.1 | 36        |
| 130 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2015, 582, A28.   | 5.1 | 33        |
| 131 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A139.  | 5.1 | 32        |
| 132 | Background discrimination capabilities of a heat and ionization germanium cryogenic detector. <i>Astroparticle Physics</i> , 2001, 14, 329-337.                           | 4.3 | 28        |
| 133 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 586, A137.  | 5.1 | 27        |
| 134 | <i>Planck</i> pre-launch status: HFI ground calibration. <i>Astronomy and Astrophysics</i> , 2010, 520, A10.  | 5.1 | 25        |
| 135 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A102.  | 5.1 | 25        |
| 136 | Archeops in-flight performance, data processing, and map making. <i>Astronomy and Astrophysics</i> , 2007, 467, 1313-1344.  | 5.1 | 24        |
| 137 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A101.  | 5.1 | 24        |
| 138 | Sunyaev-Zel'dovich cluster reconstruction in multiband bolometer camera surveys. <i>Astronomy and Astrophysics</i> , 2006, 455, 741-755.                                  | 5.1 | 24        |
| 139 | A comparison of algorithms for the construction of SZ cluster catalogues. <i>Astronomy and Astrophysics</i> , 2012, 548, A51.   | 5.1 | 23        |
| 140 | Planck intermediate results. <i>Astronomy and Astrophysics</i> , 2016, 596, A106.   | 5.1 | 23        |
| 141 | Kinetic Inductance Detectors for the OLIMPO experiment: in-flight operation and performance. <i>Journal of Cosmology and Astroparticle Physics</i> , 2019, 2019, 003-003. | 5.4 | 23        |
| 142 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A128.  | 5.1 | 20        |
| 143 | <i>Planck</i> intermediate results. XII: Diffuse Galactic components in the Gould Belt system. <i>Astronomy and Astrophysics</i> , 2013, 557, A53.                        | 5.1 | 19        |
| 144 | Measurement of electron-phonon decoupling time in neutron-transmutation doped germanium at 20 mK. <i>Journal of Low Temperature Physics</i> , 1993, 93, 289-294.          | 1.4 | 18        |

| #   | ARTICLE  | IF   | CITATIONS |
|-----|--|------|-----------|
| 145 | The OLIMPO experiment. <i>New Astronomy Reviews</i> , 2007, 51, 385-389.   | 12.8 | 16        |
| 146 | CaLIPSO: An Novel Detector Concept for PET Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2014, 61, 60-66.   | 2.0  | 16        |
| 147 | <i>Planck</i> intermediate results. <i>Astronomy and Astrophysics</i> , 2013, 550, A132.   | 5.1  | 15        |
| 148 | Mirage: A new iterative map-making code for CMB experiments. <i>Astronomy and Astrophysics</i> , 2005, 436, 729-739.   | 5.1  | 15        |
| 149 | In-Flight Performance of the LEKIDs of the OLIMPO Experiment. <i>Journal of Low Temperature Physics</i> , 2020, 199, 491-501.  | 1.4  | 14        |
| 150 | Prospects for dark energy evolution: a frequentist multi-probe approach. <i>Astronomy and Astrophysics</i> , 2006, 448, 831-842.   | 5.1  | 14        |
| 151 | Low noise voltage and charge preamplifiers for phonon and ionization detectors at very low temperature. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 368, 778-788.     | 1.6  | 13        |
| 152 | Dark matter search in the FrÃ©jus Underground Laboratory EDELWEISS experiment. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 1996, 370, 230-232.                              | 1.6  | 12        |
| 153 | Design study of a scintillator crystal targeting tens of picoseconds time resolution for gamma ray imaging: the ClearMind detector. <i>Journal of Instrumentation</i> , 2020, 15, P07029-P07029.   | 1.2  | 12        |
| 154 | Status of the EDELWEISS experiment. <i>Physics Reports</i> , 1998, 307, 297-300.   | 25.6 | 11        |
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