

Davide Ricci

List of Publications by Year in descending order

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Version: 2024-02-01

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | FREQUENCY OF SOLAR-LIKE SYSTEMS AND OF ICE AND GAS GIANTS BEYOND THE SNOW LINE FROM HIGH-MAGNIFICATION MICROLENSING EVENTS IN 2005-2008. <i>Astrophysical Journal</i> , 2010, 720, 1073-1089. | 4.5 | 296 |
| 2 | High-precision photometry by telescope defocusing - I. The transiting planetary system WASP-5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1023-1031. | 4.4 | 192 |
| 3 | MOA-2009-BLG-387Lb: a massive planet orbiting an M dwarf. <i>Astronomy and Astrophysics</i> , 2011, 529, A102. | 5.1 | 131 |
| 4 | DISCOVERY AND MASS MEASUREMENTS OF A COLD, 10 EARTH MASS PLANET AND ITS HOST STAR. <i>Astrophysical Journal</i> , 2011, 741, 22. | 4.5 | 117 |
| 5 | PHYSICAL PROPERTIES OF THE 0.94-DAY PERIOD TRANSITING PLANETARY SYSTEM WASP-18. <i>Astrophysical Journal</i> , 2009, 707, 167-172. | 4.5 | 98 |
| 6 | Physical properties, transmission and emission spectra of the WASP-19 planetary system from multi-colour photometry.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 2-18. | 4.4 | 90 |
| 7 | High-precision photometry by telescope defocussing - II. The transiting planetary system WASP-4. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 399, 287-294. | 4.4 | 88 |
| 8 | Realisation of a fully deterministic microlensing observing strategy for inferring planet populations. <i>Astronomische Nachrichten</i> , 2010, 331, 671-691. | 1.2 | 87 |
| 9 | High-precision photometry by telescope defocussing " VI. WASP-24, WASP-25 and WASP-26".... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 776-789. | 4.4 | 73 |
| 10 | Transits and starspots in the WASP-6 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 1760-1769. | 4.4 | 71 |
| 11 | High-precision photometry by telescope defocusing - III. The transiting planetary system WASP-2".... <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1680-1688. | 4.4 | 65 |
| 12 | MOA 2010-BLG-477Lb: CONSTRAINING THE MASS OF A MICROLENSING PLANET FROM MICROLENSING PARALLAX, ORBITAL MOTION, AND DETECTION OF BLENDED LIGHT. <i>Astrophysical Journal</i> , 2012, 754, 73. | 4.5 | 64 |
| 13 | High-precision photometry by telescope defocusing - IV. Confirmation of the huge radius of WASP-17"b. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1338-1348. | 4.4 | 61 |
| 14 | An Isolated Stellar-mass Black Hole Detected through Astrometric Microlensing*. <i>Astrophysical Journal</i> , 2022, 933, 83. | 4.5 | 60 |
| 15 | A SUB-SATURN MASS PLANET, MOA-2009-BLG-319Lb. <i>Astrophysical Journal</i> , 2011, 728, 120. | 4.5 | 58 |
| 16 | The transiting system GJ1214: high-precision defocused transit observations and a search for evidence of transit timing variation. <i>Astronomy and Astrophysics</i> , 2013, 549, A10. | 5.1 | 58 |
| 17 | MICROLENSING DISCOVERY OF A POPULATION OF VERY TIGHT, VERY LOW MASS BINARY BROWN DWARFS. <i>Astrophysical Journal</i> , 2013, 768, 129. | 4.5 | 57 |
| 18 | New and updated convex shape models of asteroids based on optical data from a large collaboration network. <i>Astronomy and Astrophysics</i> , 2016, 586, A108. | 5.1 | 57 |

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|----|--|-----|-----------|
| 19 | The XMM-LSS survey: optical assessment and properties of different X-ray selected cluster classes. <i>Astronomy and Astrophysics</i> , 2011, 526, A18. | 5.1 | 55 |
| 20 | MOA-2010-BLG-073L: AN M-DWARF WITH A SUBSTELLAR COMPANION AT THE PLANET/BROWN DWARF BOUNDARY. <i>Astrophysical Journal</i> , 2013, 763, 67. | 4.5 | 54 |
| 21 | QATAR-2: A K DWARF ORBITED BY A TRANSITING HOT JUPITER AND A MORE MASSIVE COMPANION IN AN OUTER ORBIT. <i>Astrophysical Journal</i> , 2012, 750, 84. | 4.5 | 51 |
| 22 | MOA-2010-BLG-328Lb: A SUB-NEPTUNE ORBITING VERY LATE M DWARF?. <i>Astrophysical Journal</i> , 2013, 779, 91. | 4.5 | 45 |
| 23 | OGLE-2011-BLG-0265Lb: A JOVIAN MICROLENSING PLANET ORBITING AN M DWARF. <i>Astrophysical Journal</i> , 2015, 804, 33. | 4.5 | 45 |
| 24 | High-precision photometry by telescope defocusing – V. WASP-15 and WASP-16 – <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1300-1308. | 4.4 | 44 |
| 25 | Multifilter Transit Observations of WASP-39b and WASP-43b with Three San Pedro Mártir Telescopes. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 143-151. | 3.1 | 44 |
| 26 | MICROLENSING BINARIES WITH CANDIDATE BROWN DWARF COMPANIONS. <i>Astrophysical Journal</i> , 2012, 760, 116. | 4.5 | 39 |
| 27 | Possible detection of a bimodal cloud distribution in the atmosphere of HAT-P-32b from multiband photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 5485-5499. | 4.4 | 37 |
| 28 | OGLE-2009-BLG-092/MOA-2009-BLG-137: A DRAMATIC REPEATING EVENT WITH THE SECOND PERTURBATION PREDICTED BY REAL-TIME ANALYSIS. <i>Astrophysical Journal</i> , 2010, 723, 81-88. | 4.5 | 36 |
| 29 | Multi-filter Transit Observations of HAT-P-3b and TrES-3b with Multiple Northern Hemisphere Telescopes. <i>Publications of the Astronomical Society of the Pacific</i> , 2017, 129, 064401. | 3.1 | 31 |
| 30 | A giant planet beyond the snow line in microlensing event OGLE-2011-BLG-0251. <i>Astronomy and Astrophysics</i> , 2013, 552, A70. | 5.1 | 30 |
| 31 | CHARACTERIZING LENSES AND LENSED STARS OF HIGH-MAGNIFICATION SINGLE-LENS GRAVITATIONAL MICROLENSING EVENTS WITH LENSES PASSING OVER SOURCE STARS. <i>Astrophysical Journal</i> , 2012, 751, 41. | 4.5 | 27 |
| 32 | CHARACTERIZING LOW-MASS BINARIES FROM OBSERVATION OF LONG-TIMESCALE CAUSTIC-CROSSING GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 755, 91. | 4.5 | 25 |
| 33 | A detailed census of variable stars in the globular cluster NGC 6333 (M9) from CCD differential photometry – <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 1220-1238. | 4.4 | 23 |
| 34 | OGLE-2008-BLG-510: first automated real-time detection of a weak microlensing anomaly - brown dwarf or stellar binary? – <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 902-918. | 4.4 | 21 |
| 35 | A NEW TYPE OF AMBIGUITY IN THE PLANET AND BINARY INTERPRETATIONS OF CENTRAL PERTURBATIONS OF HIGH-MAGNIFICATION GRAVITATIONAL MICROLENSING EVENTS. <i>Astrophysical Journal</i> , 2012, 756, 48. | 4.5 | 20 |
| 36 | A much lower density for the transiting extrasolar planet WASP-7. <i>Astronomy and Astrophysics</i> , 2011, 527, A8. | 5.1 | 19 |

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|----|---|-----|-----------|
| 37 | MOA-2010-BLG-311: A PLANETARY CANDIDATE BELOW THE THRESHOLD OF RELIABLE DETECTION. <i>Astrophysical Journal</i> , 2013, 769, 77. | 4.5 | 17 |
| 38 | Estimating the parameters of globular cluster M ₃₀ (NGC 7099) from time-series photometry. <i>Astronomy and Astrophysics</i> , 2013, 555, A36. | 5.1 | 17 |
| 39 | A brown dwarf orbiting an M-dwarf: MOA-2009-BLG-411L. <i>Astronomy and Astrophysics</i> , 2012, 547, A55. | 5.1 | 16 |
| 40 | Flux and color variations of the quadruply imaged quasar HE 0435-1223. <i>Astronomy and Astrophysics</i> , 2011, 528, A42. | 5.1 | 15 |
| 41 | OGLE-2008-BLG-290: an accurate measurement of the limb darkening of a galactic bulge K Giant spatially resolved by microlensing. <i>Astronomy and Astrophysics</i> , 2010, 518, A51. | 5.1 | 14 |
| 42 | MICROLENSING BINARIES DISCOVERED THROUGH HIGH-MAGNIFICATION CHANNEL. <i>Astrophysical Journal</i> , 2012, 746, 127. | 4.5 | 14 |
| 43 | MOA-2010-BLG-523: a FAILED PLANET = RS CVn STAR. <i>Astrophysical Journal</i> , 2013, 763, 141. | 4.5 | 14 |
| 44 | MINDSTEp differential photometry of the gravitationally lensed quasars WFI-2033-4723 and HE-0047-1756; microlensing and a new time delay. <i>Astronomy and Astrophysics</i> , 2017, 597, A49. | 5.1 | 12 |
| 45 | SOXS: a wide band spectrograph to follow up transients. , 2018, , . | | 9 |
| 46 | The mechanical design of SOXS for the NTT. , 2018, , . | | 9 |
| 47 | Tests with a Carlina-type diluted telescope. <i>Astronomy and Astrophysics</i> , 2012, 539, A59. | 5.1 | 7 |
| 48 | The ultra-hot-Jupiter KELT-16b: dynamical evolution and atmospheric properties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 1447-1464. | 4.4 | 7 |
| 49 | MITs: the Multi-Imaging Transient Spectrograph for SOXS. , 2018, , . | | 7 |
| 50 | The common path of SOXS (Son of X-Shooter). , 2018, , . | | 7 |
| 51 | Flux and color variations of the doubly imaged quasar UM673. <i>Astronomy and Astrophysics</i> , 2013, 551, A104. | 5.1 | 6 |
| 52 | The assembly integration and test activities for the new SOXS instrument at NTT. , 2018, , . | | 6 |
| 53 | The acquisition camera system for SOXS at NTT. , 2018, , . | | 5 |
| 54 | The Carlina-type diluted telescope. <i>Astronomy and Astrophysics</i> , 2015, 573, A117. | 5.1 | 4 |

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|----|---|-----|-----------|
| 55 | SOXS control electronics design. , 2018, , . | | 4 |
| 56 | Optical design of the SOXS spectrograph for ESO NTT. , 2018, , . | | 4 |
| 57 | The VIS detector system of SOXS. , 2018, , . | | 4 |
| 58 | Calibration of force actuators on an adaptive secondary prototype. Applied Optics, 2008, 47, 3631. | 2.1 | 3 |
| 59 | Architecture of the SOXS instrument control software. , 2018, , . | | 3 |
| 60 | Simulations of coronagraphy with a dynamic hologram for the direct detection of exo-planets. , 2010, , . | | 2 |
| 61 | Commissioning and first observations with Wide FastCam at the Telescopio Carlos Sınchez. Proceedings of SPIE, 2016, , . | 0.8 | 2 |
| 62 | Estimating the parameters of globular cluster M 30 (NGC 7099) from time-series photometry<i>(Corrigendum)</i>. Astronomy and Astrophysics, 2016, 588, C2. | 5.1 | 1 |
| 63 | Extreme coronagraphy with an adaptive hologram. Astronomy and Astrophysics, 2009, 503, 301-308. | 5.1 | 1 |
| 64 | The NIR spectrograph for the new SOXS instrument at the NTT. , 2018, , . | | 1 |
| 65 | Gravitational Lensing, Dark Matter and the Optical Gravitational Lens Experiment. AIP Conference Proceedings, 2008, , . | 0.4 | 0 |
| 66 | The first diluted telescope ever built in the world. Proceedings of SPIE, 2012, , . | 0.8 | 0 |
| 67 | Managing GRB afterglows optical/IR observations in the web 2.0 era. EAS Publications Series, 2013, 61, 263-265. | 0.3 | 0 |
| 68 | Transit observations with the three San Pedro Mırtir telescopes. Proceedings of the International Astronomical Union, 2014, 9, 101-103. | 0.0 | 0 |