# Cristian Eduard Rusu

## List of Publications by Citations



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| 50 papers | 2,391 citations | 25 h-index | 48 g-index |
| 52 ext. papers | 3,051 ext. citations | 4.4 avg, IF | 4.57 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 50 | H0LiCOW XIII. A 2.4 per cent measurement of H0 from lensed quasars: 5.3 tension between early- and late-Universe probes. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 1420-1439 | 4.3 | 309 |
| 49 | H0LiCOW V. New COSMOGRAIL time delays of HE 0435 1223: H0 to 3.8 per cent precision from strong lensing in a flat CDM model. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4914-4930 | 4.3 | 294 |
| 48 | H0LiCOW I. H0 Lenses in COSMOGRAIL's Wellspring: program overview. *Monthly Notices of the Royal Astronomical Society*, **2017**, 468, 2590-2604 | 4.3 | 187 |
| 47 | H0LiCOW IX. Cosmographic analysis of the doubly imaged quasar SDSS 1206+4332 and a new measurement of the Hubble constant. *Monthly Notices of the Royal Astronomical Society*, **2019**, 484, 4726-4753 | 4.3 | 182 |
| 46 | H0LiCOW IV. Lens mass model of HE 0435 1223 and blind measurement of its time-delay distance for cosmology. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4895-4913 | 4.3 | 111 |
| 45 | TDCOSMO. *Astronomy and Astrophysics*, **2020**, 643, A165 | 5.1 | 106 |
| 44 | THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. V. FINAL CATALOG FROM THE SEVENTH DATA RELEASE. *Astronomical Journal*, **2012**, 143, 119 | 4.9 | 103 |
| 43 | A SHARP view of H0LiCOW: H0 from three time-delay gravitational lens systems with adaptive optics imaging. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 1743-1773 | 4.3 | 88 |
| 42 | STRIDES: a 3.9 per cent measurement of the Hubble constant from the strong lens system DES J0408 5354. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 6072-6102 | 4.3 | 83 |
| 41 | The stellar and dark matter distributions in elliptical galaxies from the ensemble of strong gravitational lenses. *Monthly Notices of the Royal Astronomical Society*, **2014**, 439, 2494-2504 | 4.3 | 80 |
| 40 | H0LiCOW III. Quantifying the effect of mass along the line of sight to the gravitational lens HE 0435 1223 through weighted galaxy counts?. *Monthly Notices of the Royal Astronomical Society*, **2017**, 467, 4220-4242 | 4.3 | 70 |
| 39 | THE SLOAN DIGITAL SKY SURVEY QUASAR LENS SEARCH. VI. CONSTRAINTS ON DARK ENERGY AND THE EVOLUTION OF MASSIVE GALAXIES. *Astronomical Journal*, **2012**, 143, 120 | 4.9 | 62 |
| 38 | TDCOSMO. *Astronomy and Astrophysics*, **2020**, 639, A101 | 5.1 | 61 |
| 37 | The SDSS-III BOSS quasar lens survey: discovery of 13 gravitationally lensed quasars. *Monthly Notices of the Royal Astronomical Society*, **2016**, 456, 1595-1606 | 4.3 | 50 |
| 36 | H0LiCOW II. Spectroscopic survey and galaxy-group identification of the strong gravitational lens system HE 0435 1223. *Monthly Notices of the Royal Astronomical Society*, **2017**, 470, 4838-4857 | 4.3 | 39 |
| 35 | Is every strong lens model unhappy in its own way? Uniform modelling of a sample of 13 quadruply+ imaged quasars. *Monthly Notices of the Royal Astronomical Society*, **2019**, 483, 5649-5671 | 4.3 | 39 |
| 34 | Discovery of two gravitationally lensed quasars in the Dark Energy Survey. *Monthly Notices of the Royal Astronomical Society*, **2015**, 454, 1260-1265 | 4.3 | 38 |

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| 33 | Subaru Telescope adaptive optics observations of gravitationally lensed quasars in the Sloan Digital Sky Survey. *Monthly Notices of the Royal Astronomical Society*, **2016**, 458, 2-55 | 4.3 | 36 |
| 32 | H0LiCOW VIII. A weak-lensing measurement of the external convergence in the field of the lensed quasar HE 0435−1223. *Monthly Notices of the Royal Astronomical Society*, **2018**, 477, 5657-5669 | 4.3 | 34 |
| 31 | The Hubble constant determined through an inverse distance ladder including quasar time delays and Type Ia supernovae. *Astronomy and Astrophysics*, **2019**, 628, L7 | 5.1 | 32 |
| 30 | Discovery of the Lensed Quasar System DES J0408-5354. *Astrophysical Journal Letters*, **2017**, 838, L15 | 7.9 | 30 |
| 29 | The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign I. Overview and classification of candidates selected by two techniques. *Monthly Notices of the Royal Astronomical Society*, **2018**, 481, 1041-1054 | 4.3 | 30 |
| 28 | H0LiCOW XII. Lens mass model of WFI2033−4723 and blind measurement of its time-delay distance and H0. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 1440-1468 | 4.3 | 29 |
| 27 | H0LiCOW. VI. Testing the fidelity of lensed quasar host galaxy reconstruction. *Monthly Notices of the Royal Astronomical Society*, **2017**, 465, 4634-4649 | 4.3 | 26 |
| 26 | The Red Radio Ring: a gravitationally lensed hyperluminous infrared radio galaxy at z = 2.553 discovered through the citizen science project Space Warps. *Monthly Notices of the Royal Astronomical Society*, **2015**, 452, 502-510 | 4.3 | 25 |
| 25 | The discovery of a five-image lensed quasar at z = 3.34 using PanSTARRS1 and Gaia. *Monthly Notices of the Royal Astronomical Society: Letters*, **2018**, 473, L116-L120 | 4.3 | 25 |
| 24 | COSMOGRAIL. *Astronomy and Astrophysics*, **2019**, 629, A97 | 5.1 | 22 |
| 23 | Quasar lenses and pairs in the VST-ATLAS and Gaia. *Monthly Notices of the Royal Astronomical Society*, **2018**, 475, 2086-2096 | 4.3 | 22 |
| 22 | Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI). II. Environments and Line-of-Sight Structure of Strong Gravitational Lens Galaxies to z ~ 0.8. *Astrophysical Journal*, **2018**, 867, 107 | 4.7 | 22 |
| 21 | Discovery of the First Quadruple Gravitationally Lensed Quasar Candidate with Pan-STARRS. *Astrophysical Journal*, **2017**, 844, 90 | 4.7 | 17 |
| 20 | H0LiCOW IX. Spectroscopic/imaging survey and galaxy-group identification around the strong gravitational lens system WFI 2033−4723. *Monthly Notices of the Royal Astronomical Society*, **2019**, 490, 613-633 | 4.3 | 16 |
| 19 | Discovery of three strongly lensed quasars in the Sloan Digital Sky Survey. *Monthly Notices of the Royal Astronomical Society: Letters*, **2018**, 477, L70-L74 | 4.3 | 13 |
| 18 | The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2017/2018 follow-up campaign: discovery of 10 lensed quasars and 10 quasar pairs. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 3491-3511 | 4.3 | 12 |
| 17 | DISCOVERY OF FOUR DOUBLY IMAGED QUASAR LENSES FROM THE SLOAN DIGITAL SKY SURVEY. *Astronomical Journal*, **2014**, 147, 153 | 4.9 | 11 |
| 16 | Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI) IV. Group-to-cluster scale lens search from the HSC-SSP Survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 495, 1291-1310 | 4.3 | 11 |

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| 15 | A search for gravitationally lensed quasars and quasar pairs in Pan-STARRS1: spectroscopy and sources of shear in the diamond 2M1134−2103. *Monthly Notices of the Royal Astronomical Society*, **2019**, 486, 4987-5007 | 4.3 | 10 |
| 14 | The STRong lensing Insights into the Dark Energy Survey (STRIDES) 2016 follow-up campaign II. New quasar lenses from double component fitting. *Monthly Notices of the Royal Astronomical Society*, **2018**, | 4.3 | 10 |
| 13 | Survey of Gravitationally lensed Objects in HSC Imaging (SuGOHI). *Astronomy and Astrophysics*, **2020**, 636, A87 | 5.1 | 8 |
| 12 | Adaptive optics observations of the gravitationally lensed quasar SDSS J1405+0959?. *Monthly Notices of the Royal Astronomical Society*, **2014**, 444, 2561-2570 | 4.3 | 7 |
| 11 | THE QUASAR-GALAXY CROSS SDSS J1320+1644: A PROBABLE LARGE-SEPARATION LENSED QUASAR. *Astrophysical Journal*, **2013**, 765, 139 | 4.7 | 7 |
| 10 | SDSS J133401.39+331534.3: A NEW SUBARCSECOND GRAVITATIONALLY LENSED QUASAR. *Astrophysical Journal*, **2011**, 738, 30 | 4.7 | 7 |
| 9 | Survey of Gravitationally-lensed Objects in HSC Imaging (SuGOHI). *Astronomy and Astrophysics*, **2020**, 642, A148 | 5.1 | 7 |
| 8 | Testing the evolution of correlations between supermassive black holes and their host galaxies using eight strongly lensed quasars. *Monthly Notices of the Royal Astronomical Society*, **2020**, 501, 269-280 | 4.3 | 4 |
| 7 | H0LiCOW XI. A weak lensing measurement of the external convergence in the field of the lensed quasar B1608+656 using HST and Subaru deep imaging. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 1406-1419 | 4.3 | 3 |
| 6 | STRIDES: Spectroscopic and photometric characterization of the environment and effects of mass along the line of sight to the gravitational lenses DES J0408−5354 and WGD 2038−4008. *Monthly Notices of the Royal Astronomical Society*, **2020**, 498, 3241-3274 | 4.3 | 3 |
| 5 | An Edge-on Disk in the Quadruply Lensed Quasar Cross GraL J181730853+272940139. *Research Notes of the AAS*, **2018**, 2, 187 | 0.8 | 3 |
| 4 | Spin parity of spiral galaxies II: a catalogue of 80 k spiral galaxies using big data from the Subaru Hyper Suprime-Cam survey and deep learning. *Monthly Notices of the Royal Astronomical Society*, **2020**, 496, 4276-4286 | 4.3 | 3 |
| 3 | Discovery of an unusually compact lensed Lyman-break galaxy from the Hyper Suprime-Cam Survey. *Monthly Notices of the Royal Astronomical Society*, **2020**, 494, 3156-3165 | 4.3 | 2 |
| 2 | Survey of Gravitationally Lensed Objects in HSC Imaging (SuGOHI) VII. Discovery and confirmation of three strongly lensed quasars. *Monthly Notices of the Royal Astronomical Society*, **2021**, 502, 1487-1493 | 4.3 | 2 |
| 1 | X-ray study of the double source plane gravitational lens system Eye of Horus observed with XMM-Newton. *Monthly Notices of the Royal Astronomical Society*, **2020**, 491, 3411-3418 | 4.3 | |