

Richard Ignace

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5843594/publications.pdf>

Version: 2024-02-01

29
papers

317
citations

1040056

9
h-index

940533

16
g-index

29
all docs

29
docs citations

29
times ranked

320
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | New Mass Estimates for Massive Binary Systems: A Probabilistic Approach Using Polarimetric Radiative Transfer. <i>Astrophysical Journal</i> , 2022, 930, 89. | 4.5 | 2 |
| 2 | Radio Spectral Energy Distributions for Single Massive Star Winds with Free and Synchrotron Emission. <i>Astrophysical Journal</i> , 2022, 932, 12. | 4.5 | 1 |
| 3 | Modeling the Optical to Ultraviolet Polarimetric Variability from Thomson Scattering in Colliding-wind Binaries. <i>Astrophysical Journal</i> , 2022, 933, 5. | 4.5 | 3 |
| 4 | Correlated X-Ray and Optical Variability in the O-type Supergiant $\hat{\Gamma}$ Puppis. <i>Astrophysical Journal</i> , 2021, 906, 89. | 4.5 | 13 |
| 5 | The Colliding Winds of WR 25 in High-resolution X-Rays. <i>Astrophysical Journal</i> , 2021, 915, 114. | 4.5 | 6 |
| 6 | The Polstar High Resolution Spectropolarimetry MIDEX Mission. , 2021, , . | | 9 |
| 7 | Modeling the Variable Polarization of $\hat{\mu}$ Aurigae In and Out of Eclipse. <i>Astronomical Journal</i> , 2021, 162, 105. | 4.7 | 0 |
| 8 | Identifying low-amplitude pulsating stars through microlensing observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 5177-5186. | 4.4 | 3 |
| 9 | Microlensing of radially pulsating stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1735-1743. | 4.4 | 5 |
| 10 | Radio variability from corotating interaction regions threading Wolf-Rayet winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 1127-1134. | 4.4 | 3 |
| 11 | Non-radially pulsating stars as microlensing sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 223-234. | 4.4 | 3 |
| 12 | Polarization simulations of stellar wind bow shock nebulae II. The case of dust scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 4319-4337. | 4.4 | 7 |
| 13 | A Deep Exposure in High Resolution X-Rays Reveals the Hottest Plasma in the $\hat{\Gamma}$ Puppis Wind. <i>Astrophysical Journal</i> , 2020, 893, 52. | 4.5 | 9 |
| 14 | The chaotic wind of WR 40 as probed by BRITE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 5921-5930. | 4.4 | 14 |
| 15 | Monte Carlo simulations of polarimetric and light variability from corotating interaction regions in hot stellar winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2873-2886. | 4.4 | 6 |
| 16 | Coordinated UV and X-Ray Spectroscopic Observations of the O-type Giant $\hat{\Gamma}$ Per: The Connection between X-Rays and Large-scale Wind Structure*. <i>Astrophysical Journal</i> , 2019, 873, 81. | 4.5 | 9 |
| 17 | Prevalence of SED Turndown among Classical Be Stars: Are All Be Stars Close Binaries?. <i>Astrophysical Journal</i> , 2019, 885, 147. | 4.5 | 52 |
| 18 | BRITE-Constellation high-precision time-dependent photometry of the early O-type supergiant $\hat{\Gamma}$ Puppis unveils the photospheric drivers of its small- and large-scale wind structures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 5532-5569. | 4.4 | 51 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 19 | On the Apparent Absence of Wolf-Rayet+Neutron Star Systems: The Curious Case of WR124. <i>Astrophysical Journal Letters</i> , 2018, 869, L11. | 8.3 | 15 |
| 20 | Polarization simulations of stellar wind bow-shock nebulae – I. The case of electron scattering. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 1365-1382. | 4.4 | 10 |
| 21 | A Study of H β Line Profile Variations in $\hat{1}^2$ Lyr. <i>Astronomical Journal</i> , 2018, 156, 97. | 4.7 | 3 |
| 22 | On the Binary Nature of Massive Blue Hypergiants: High-resolution X-Ray Spectroscopy Suggests That Cyg OB2 12 is a Colliding Wind Binary. <i>Astrophysical Journal</i> , 2017, 845, 39. | 4.5 | 13 |
| 23 | Limb Darkening and Planetary Transits: Testing Center-to-limb Intensity Variations and Limb-darkening Directly from Model Stellar Atmospheres. <i>Astrophysical Journal</i> , 2017, 845, 65. | 4.5 | 38 |
| 24 | An X-Ray Study of Two B+B Binaries: AH Cep and CW Cep. <i>Astrophysical Journal</i> , 2017, 850, 82. | 4.5 | 2 |
| 25 | The outer disk of the classical Be star $\hat{1}$ Per. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 414-414. | 0.0 | 0 |
| 26 | Modeling X-ray emission line profiles from massive star winds – A review. <i>Advances in Space Research</i> , 2016, 58, 694-709. | 2.6 | 9 |
| 27 | Discovery of X-ray pulsations from a massive star. <i>Nature Communications</i> , 2014, 5, 4024. | 12.8 | 30 |
| 28 | Long-term polarization observations of Mira variable stars suggest asymmetric structures. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 463-464. | 0.0 | 1 |
| 29 | $\hat{1}$, Sco: the discovery of the clones. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 206-207. | 0.0 | 0 |