

Douglas R Gies

List of Publications by Year in descending order

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Version: 2024-02-01

88
papers

4,170
citations

186265

28
h-index

110387

64
g-index

89
all docs

89
docs citations

89
times ranked

3626
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Transformative Journey of HD 93521. <i>Astronomical Journal</i> , 2022, 163, 100. | 4.7 | 7 |
| 2 | Interferometric Detections of sdO Companions Orbiting Three Classical Be Stars. <i>Astrophysical Journal</i> , 2022, 926, 213. | 4.5 | 19 |
| 3 | Mass Transfer as an Explanation for the Lifetime Travel Time Discrepancy in IT Librae. <i>Astronomical Journal</i> , 2022, 163, 177. | 4.7 | 0 |
| 4 | Spectroscopic Line Modeling of the Fastest Rotating O-type Stars. <i>Astrophysical Journal</i> , 2022, 931, 35. | 4.5 | 2 |
| 5 | Identification of New Classical Be Stars from the LAMOST Medium Resolution Survey. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 35. | 7.7 | 8 |
| 6 | $\hat{\iota}$ 1/2 Gem: A Hierarchical Triple System with an Outer Be Star. <i>Astrophysical Journal</i> , 2021, 916, 24. | 4.5 | 11 |
| 7 | Outbursts and stellar properties of the classical Be star HD 6226. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2002-2018. | 4.4 | 9 |
| 8 | Long Term Evolution of Surface Features on the Red Supergiant AZ Cyg. <i>Astrophysical Journal</i> , 2021, 919, 124. | 4.5 | 4 |
| 9 | ARMADA. I. Triple Companions Detected in B-type Binaries $\hat{\iota}$ Del and $\hat{\iota}$ 1/2 Gem. <i>Astronomical Journal</i> , 2021, 161, 40. | 4.7 | 10 |
| 10 | The Detection and Characterization of Be+sdO Binaries from HST/STIS FUV Spectroscopy. <i>Astronomical Journal</i> , 2021, 161, 248. | 4.7 | 49 |
| 11 | The Solar Neighborhood XLVIII: Nine Giant Planets Orbiting Nearby K Dwarfs, and the CHIRON Spectrograph's Radial Velocity Performance. <i>Astronomical Journal</i> , 2021, 162, 176. | 4.7 | 49 |
| 12 | The Pre-He White Dwarf in the Post-mass Transfer Binary EL CVn. <i>Astronomical Journal</i> , 2020, 159, 4. | 4.7 | 11 |
| 13 | Visual Orbits of Spectroscopic Binaries with the CHARA Array. III. HD 8374 and HD 24546. <i>Astronomical Journal</i> , 2020, 160, 58. | 4.7 | 5 |
| 14 | HST/COS Spectra of the Wind Lines of VFTS 102 and 285. <i>Astrophysical Journal</i> , 2020, 888, 82. | 4.5 | 4 |
| 15 | The H β Emission Line Variations of HR 6819. <i>Astrophysical Journal Letters</i> , 2020, 898, L44. | 8.3 | 9 |
| 16 | A High Angular Resolution Survey of Massive Stars in Cygnus OB2: JHK Adaptive Optics Results from the Gemini Near-Infrared Imager. <i>Astronomical Journal</i> , 2020, 160, 115. | 4.7 | 4 |
| 17 | Recent highlights from The CHARA Array. , 2020, , . | | 8 |
| 18 | Spectroscopic Detection of the Pre-White Dwarf Companion of Regulus. <i>Astrophysical Journal</i> , 2020, 902, 25. | 4.5 | 8 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Visual Orbits of Spectroscopic Binaries with the CHARA Array. II. The Eclipsing Binary HD 185912. <i>Astronomical Journal</i> , 2019, 158, 218. | 4.7 | 6 |
| 20 | System Parameters for the Eclipsing B-star Binary BD+11 \hat{A} °3569. <i>Astronomical Journal</i> , 2019, 158, 118. | 4.7 | 0 |
| 21 | Angular Sizes, Radii, and Effective Temperatures of B-type Stars from Optical Interferometry with the CHARA Array. <i>Astrophysical Journal</i> , 2019, 873, 91. | 4.5 | 9 |
| 22 | Visual Orbits of Spectroscopic Binaries with the CHARA Array. I. HD 224355. <i>Astronomical Journal</i> , 2019, 157, 140. | 4.7 | 12 |
| 23 | Prevalence of SED Turndown among Classical Be Stars: Are All Be Stars Close Binaries?. <i>Astrophysical Journal</i> , 2019, 885, 147. | 4.5 | 52 |
| 24 | arcesetc: ARC Echelle Spectrograph Exposure Time Calculator. <i>Journal of Open Source Software</i> , 2019, 4, 1130. | 4.6 | 0 |
| 25 | Detection of Additional Be+sdO Systems from IUE Spectroscopy. <i>Astrophysical Journal</i> , 2018, 853, 156. | 4.5 | 71 |
| 26 | The Remarkable Be+sdOB Binary HD 55606. I. Orbital and Stellar Parameters*. <i>Astrophysical Journal</i> , 2018, 865, 76. | 4.5 | 31 |
| 27 | Angular Sizes and Effective Temperatures of O-type Stars from Optical Interferometry with the CHARA Array. <i>Astrophysical Journal</i> , 2018, 869, 37. | 4.5 | 9 |
| 28 | High mass X-ray binaries: Beacons in a stormy universe. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 489-499. | 0.0 | 0 |
| 29 | Detection of the progenitors of Be X-ray Binaries. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 143-145. | 0.0 | 1 |
| 30 | A Photometric, Spectroscopic, and Apsidal Motion Analysis of the F-type Eclipsing Binary BW Aquarii from K2 Campaign 3. <i>Astronomical Journal</i> , 2018, 156, 8. | 4.7 | 5 |
| 31 | A Gap in the Lower Main Sequence Revealed by Gaia Data Release 2. <i>Astrophysical Journal Letters</i> , 2018, 861, L11. | 8.3 | 54 |
| 32 | Detection of the Progenitors of Be X-ray Binaries. <i>Proceedings of the International Astronomical Union</i> , 2018, 346, . | 0.0 | 0 |
| 33 | KIC 8262223: A Post-mass Transfer Eclipsing Binary Consisting of a Delta Scuti Pulsator and a Helium White Dwarf Precursor. <i>Astrophysical Journal</i> , 2017, 837, 114. | 4.5 | 30 |
| 34 | TIDALLY INDUCED PULSATIONS IN KEPLER ECLIPSING BINARY KIC 3230227. <i>Astrophysical Journal</i> , 2017, 834, 59. | 4.5 | 52 |
| 35 | High-mass X-ray binaries and the cosmic 21-cm signal: impact of host galaxy absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 1166-1174. | 4.4 | 66 |
| 36 | Detection of the Ultraviolet Spectrum of the Hot Subdwarf Companion of 60 Cygni (B1 Ve) from a Survey of IUE Spectra of Be Stars. <i>Astrophysical Journal</i> , 2017, 843, 60. | 4.5 | 42 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Radial Velocities of 41 Kepler Eclipsing Binaries. <i>Astronomical Journal</i> , 2017, 154, 216. | 4.7 | 27 |
| 38 | Gravity Modes Reveal the Internal Rotation of a Post-mass-transfer Gamma Doradus/Delta Scuti Hybrid Pulsator in Kepler's Eclipsing Binary KIC 9592855. <i>Astrophysical Journal</i> , 2017, 851, 39. | 4.5 | 31 |
| 39 | THE HOT COMPANION AND CIRCUMBINARY DISK OF THE Be STAR HR 2142. <i>Astrophysical Journal</i> , 2016, 828, 47. | 4.5 | 39 |
| 40 | KEPLER ECLIPSING BINARIES WITH DELTA SCUTI/GAMMA DORADUS PULSATING COMPONENTS. I. KIC 9851944. <i>Astrophysical Journal</i> , 2016, 826, 69. | 4.5 | 43 |
| 41 | A YOUNG ECLIPSING BINARY AND ITS LUMINOUS NEIGHBORS IN THE EMBEDDED STAR CLUSTER Sh 2-252E. <i>Astronomical Journal</i> , 2016, 152, 194. | 4.7 | 1 |
| 42 | ORBITS, DISTANCE, AND STELLAR MASSES OF THE MASSIVE TRIPLE STAR ϵ ORIONIS. <i>Astronomical Journal</i> , 2016, 152, 213. | 4.7 | 53 |
| 43 | Spectroscopy, MOST photometry, and interferometry of MWC 314: is it an LBV or an interacting binary?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 244-257. | 4.4 | 12 |
| 44 | DISTANCE-DEPENDENT OFFSETS BETWEEN PARALLAXES FOR NEARBY STARS AND GAIA DR1 PARALLAXES. <i>Astrophysical Journal Letters</i> , 2016, 832, L18. | 8.3 | 26 |
| 45 | Taking the Measure of Massive Stars and their Environments with the CHARA Array Long-baseline Interferometer. <i>Proceedings of the International Astronomical Union</i> , 2016, 12, 156-160. | 0.0 | 0 |
| 46 | FUNDAMENTAL PARAMETERS OF KEPLER ECLIPSING BINARIES. I. KIC 5738698. <i>Astronomical Journal</i> , 2016, 151, 139. | 4.7 | 16 |
| 47 | THE OPTICAL WIND LINE VARIABILITY OF $\hat{\nu}$ -CARINAE DURING THE 2009.0 EVENT. <i>Astronomical Journal</i> , 2015, 150, 109. | 4.7 | 13 |
| 48 | Kepler eclipsing binaries with $\hat{\nu}$ Scuti components and tidally induced heartbeat stars. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 648-652. | 0.0 | 0 |
| 49 | KEPLER ECLIPSING BINARIES WITH STELLAR COMPANIONS. <i>Astronomical Journal</i> , 2015, 150, 178. | 4.7 | 27 |
| 50 | HST/STIS ULTRAVIOLET SPECTROSCOPY OF THE COMPONENTS OF THE MASSIVE TRIPLE STAR $\hat{\nu}$ -ORI A. <i>Astrophysical Journal</i> , 2015, 808, 88. | 4.5 | 196 |
| 51 | HST/COS DETECTION OF THE SPECTRUM OF THE SUBDWARF COMPANION OF KOI-81. <i>Astrophysical Journal</i> , 2015, 806, 155. | 4.5 | 20 |
| 52 | Angular Diameters of O- and B-type Stars. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 293-294. | 0.0 | 0 |
| 53 | A Search for Hot Subdwarf Companions to Rapidly-Rotating Early B Stars. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 131-132. | 0.0 | 0 |
| 54 | FAR-ULTRAVIOLET DETECTION OF THE SUSPECTED SUBDWARF COMPANION TO THE Be STAR 59 CYGNI. <i>Astrophysical Journal</i> , 2013, 765, 2. | 4.5 | 69 |

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|----|---|-----|-----------|
| 55 | STELLAR DIAMETERS AND TEMPERATURES. II. MAIN-SEQUENCE K- AND M-STARS. <i>Astrophysical Journal</i> , 2012, 757, 112. | 4.5 | 457 |
| 56 | Results from a recent stellar rotation census of B stars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 89-90. | 0.0 | 0 |
| 57 | Discussion of Circumstellar environment of active OB stars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 378-379. | 0.0 | 0 |
| 58 | Infrared continuum sizes of Be star disks. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 390-391. | 0.0 | 0 |
| 59 | Multi-epoch interferometric observations of the Be star τ Tau. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 424-425. | 0.0 | 0 |
| 60 | H β emission variability in the γ -ray binary LSI +61 303. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 525-526. | 0.0 | 0 |
| 61 | Rotation rates of massive stars in the Magellanic Clouds. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 38-43. | 0.0 | 0 |
| 62 | A SURVEY OF STELLAR FAMILIES: MULTIPLICITY OF SOLAR-TYPE STARS. <i>Astrophysical Journal, Supplement Series</i> , 2010, 190, 1-42. | 7.7 | 1,399 |
| 63 | THE HIGH ANGULAR RESOLUTION MULTIPLICITY OF MASSIVE STARS. <i>Astronomical Journal</i> , 2009, 137, 3358-3377. | 4.7 | 471 |
| 64 | Spectroscopic H β and H γ survey of field Be stars: 2004-2008. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 343-344. | 0.0 | 0 |
| 65 | ADAPTIVE OPTICS PHOTOMETRY AND ASTROMETRY OF BINARY STARS. III. A FAINT COMPANION SEARCH OF O-STAR SYSTEMS. <i>Astronomical Journal</i> , 2008, 136, 554-565. | 4.7 | 55 |
| 66 | Angular Diameters of the G Subdwarf γ Cassiopeiae A and the K Dwarfs δ Draconis and HR 511 from Interferometric Measurements with the CHARA Array. <i>Astrophysical Journal</i> , 2008, 683, 424-432. | 4.5 | 38 |
| 67 | Detection of a Hot Subdwarf Companion to the Be Star FY Canis Majoris. <i>Astrophysical Journal</i> , 2008, 686, 1280-1291. | 4.5 | 59 |
| 68 | Estimating Be Star Disk Radii using H β Emission Equivalent Widths. <i>Astrophysical Journal</i> , 2006, 651, L53-L56. | 4.5 | 70 |
| 69 | Hubble Space Telescope imaging of the WR 38/WR 38a Cluster. <i>Astronomical Journal</i> , 2005, 130, 126-133. | 4.7 | 7 |
| 70 | Stellar Rotation in Galactic Clusters. <i>Symposium - International Astronomical Union</i> , 2004, 215, 57-66. | 0.1 | 2 |
| 71 | Stellar Rotation in the Young Cluster M17. <i>Symposium - International Astronomical Union</i> , 2004, 215, 67-68. | 0.1 | 0 |
| 72 | Masses and other parameters of massive binaries. <i>Symposium - International Astronomical Union</i> , 2003, 212, 91-100. | 0.1 | 21 |

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|----|---|-----|-----------|
| 73 | A critical comparison of spectroscopic and evolutionary masses for O-type binary systems. Symposium - International Astronomical Union, 2003, 212, 216-217. | 0.1 | 0 |
| 74 | A <i>HST</i> imaging survey of a sample of 61 Galactic Wolf-Rayet stars â€” the WC8-9 subsample. Symposium - International Astronomical Union, 2003, 212, 578-580. | 0.1 | 0 |
| 75 | The Massive Close Binary in the $\hat{\gamma}$ Ori A Triple System. International Astronomical Union Colloquium, 2002, 187, 47-52. | 0.1 | 0 |
| 76 | The Interacting Binary Be Star HR 2142. International Astronomical Union Colloquium, 2002, 187, 149-154. | 0.1 | 0 |
| 77 | Tomographic Separation of Composite Spectra. VIII. The Physical Properties of the Massive Compact Binary in the Triple Star System HD 36486 ($\hat{\gamma}$ Orionis A). Astrophysical Journal, 2002, 565, 1216-1230. | 4.5 | 38 |
| 78 | Tomographic Separation of Composite Spectra. VII. The Physical Properties of the Massive Triple System HD 135240 ($\hat{\gamma}$ Circini). Astrophysical Journal, 2001, 548, 889-899. | 4.5 | 22 |
| 79 | Short-Term Wind and Photospheric Activity in Be Stars Deduced from Campaigns with the IUE Spacecraft. International Astronomical Union Colloquium, 2000, 175, 372-383. | 0.1 | 0 |
| 80 | Glimpses of Be Binary Evolution. International Astronomical Union Colloquium, 2000, 175, 668-680. | 0.1 | 1 |
| 81 | Discrepancies between observational and theoretical parameters for three O-type binaries. Symposium - International Astronomical Union, 1999, 193, 86-87. | 0.1 | 1 |
| 82 | Hubble Space TelescopeGoddard High Resolution Spectrograph Observations of the Be + sdO Binary $\hat{\gamma}$ Persei. Astrophysical Journal, 1998, 493, 440-450. | 4.5 | 109 |
| 83 | Photospheric Heating in Collidingâ€”Wind Binaries. Astrophysical Journal, 1997, 479, 408-415. | 4.5 | 25 |
| 84 | ICCD Speckle Observations of Binary Stars.XVIII.An Investigation of Be =. Astronomical Journal, 1997, 114, 2112. | 4.7 | 25 |
| 85 | Colliding winds in O-type binaries. Symposium - International Astronomical Union, 1995, 163, 373-381. | 0.1 | 0 |
| 86 | Tomographic Separation of Composite Spectra. III. Ultraviolet Detection of the Hot Companion of ϕ Persei. Astrophysical Journal, 1995, 448, 878. | 4.5 | 34 |
| 87 | Tomographic separation of composite spectra. 2: The components of 29 UW Canis Majoris. Astrophysical Journal, 1994, 423, 446. | 4.5 | 67 |
| 88 | Tomographic separation of composite spectra. I - The components of Plaskett's Star. Astrophysical Journal, 1992, 385, 708. | 4.5 | 39 |