

Ivan Hubeny

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Non-LTE line-blanketed model atmospheres of hot stars. 1: Hybrid complete linearization/accelerated lambda iteration method. <i>Astrophysical Journal</i> , 1995, 439, 875. | 1.6 | 985 |
| 2 | A Grid of Non-LTE Line-blanketed Model Atmospheres of O-type Stars. <i>Astrophysical Journal, Supplement Series</i> , 2003, 146, 417-441. | 3.0 | 550 |
| 3 | A computer program for calculating non-LTE model stellar atmospheres. <i>Computer Physics Communications</i> , 1988, 52, 103-132. | 3.0 | 537 |
| 4 | A Grid of NLTE Line-blanketed Model Atmospheres of Early B-type Stars. <i>Astrophysical Journal, Supplement Series</i> , 2007, 169, 83-104. | 3.0 | 498 |
| 5 | A Possible Bifurcation in Atmospheres of Strongly Irradiated Stars and Planets. <i>Astrophysical Journal</i> , 2003, 594, 1011-1018. | 1.6 | 364 |
| 6 | Possible Solutions to the Radius Anomalies of Transiting Giant Planets. <i>Astrophysical Journal</i> , 2007, 661, 502-514. | 1.6 | 341 |
| 7 | L and T Dwarf Models and the L to T Transition. <i>Astrophysical Journal</i> , 2006, 640, 1063-1077. | 1.6 | 318 |
| 8 | Theoretical Spectra and Atmospheres of Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2003, 588, 1121-1148. | 1.6 | 266 |
| 9 | Theoretical Spectra and Light Curves of Close Extrasolar Giant Planets and Comparison with Data. <i>Astrophysical Journal</i> , 2008, 678, 1436-1457. | 1.6 | 256 |
| 10 | Vertical structure of accretion disks - A simplified analytical model. <i>Astrophysical Journal</i> , 1990, 351, 632. | 1.6 | 245 |
| 11 | Theoretical Spectral Models of the Planet HD 209458b with a Thermal Inversion and Water Emission Bands. <i>Astrophysical Journal</i> , 2007, 668, L171-L174. | 1.6 | 225 |
| 12 | Quantitative Spectroscopy of O Stars at Low Metallicity: O Dwarfs in NGC 346. <i>Astrophysical Journal</i> , 2003, 595, 1182-1205. | 1.6 | 224 |
| 13 | Relativistic Accretion Disk Models of High-State Black Hole X-ray Binary Spectra. <i>Astrophysical Journal</i> , 2005, 621, 372-387. | 1.6 | 213 |
| 14 | Space Telescope Imaging Spectrograph Coronagraphic Observations of $\hat{\iota}^2$ Pictoris. <i>Astrophysical Journal</i> , 2000, 539, 435-444. | 1.6 | 182 |
| 15 | Flash Mixing on the White Dwarf Cooling Curve: Understanding Hot Horizontal Branch Anomalies in NGC 2808. <i>Astrophysical Journal</i> , 2001, 562, 368-393. | 1.6 | 163 |
| 16 | A Tale of Two Stars: The Extreme O7 Iaf+ Supergiant AV 83 and the OC7.5 III((f)) star AV 69. <i>Astrophysical Journal</i> , 2003, 588, 1039-1063. | 1.6 | 153 |
| 17 | Theory for the Secondary Eclipse Fluxes, Spectra, Atmospheres, and Light Curves of Transiting Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2006, 650, 1140-1149. | 1.6 | 143 |
| 18 | Non-LTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. IV. Effects of Compton Scattering and Metal Opacities. <i>Astrophysical Journal</i> , 2001, 559, 680-702. | 1.6 | 139 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | On the Evolutionary Phase and Mass Loss of the Wolf-Rayet-like Stars in R136a. <i>Astrophysical Journal</i> , 1997, 477, 792-816. | 1.6 | 133 |
| 20 | A Systematic Study of Departures from Chemical Equilibrium in the Atmospheres of Substellar Mass Objects. <i>Astrophysical Journal</i> , 2007, 669, 1248-1261. | 1.6 | 130 |
| 21 | On the Indirect Detection of Sodium in the Atmosphere of the Planetary Companion to HD 209458. <i>Astrophysical Journal</i> , 2003, 589, 615-622. | 1.6 | 128 |
| 22 | Quasars and the Big Blue Bump. <i>Astrophysical Journal</i> , 2005, 619, 41-59. | 1.6 | 127 |
| 23 | Mass-Metallicity Trends in Transiting Exoplanets from Atmospheric Abundances of H ₂ , O, Na, and K. <i>Astrophysical Journal Letters</i> , 2019, 887, L20. | 3.0 | 125 |
| 24 | Non-LTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. III. Integrated Spectra for Hydrogen-Helium Disks. <i>Astrophysical Journal</i> , 2000, 533, 710-728. | 1.6 | 122 |
| 25 | STIS Observations of He I Gunn-Peterson Absorption toward Q0302+003. <i>Astrophysical Journal</i> , 2000, 534, 69-89. | 1.6 | 122 |
| 26 | A Grid of Relativistic, Non-LTE Accretion Disk Models for Spectral Fitting of Black Hole Binaries. <i>Astrophysical Journal, Supplement Series</i> , 2006, 164, 530-535. | 3.0 | 118 |
| 27 | Spectra and Diagnostics for the Direct Detection of Wide-Separation Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2004, 609, 407-416. | 1.6 | 104 |
| 28 | Detailed Mid- and Far-Ultraviolet Model Spectra for Accretion Disks in Cataclysmic Binaries. <i>Astrophysical Journal</i> , 1998, 509, 350-361. | 1.6 | 103 |
| 29 | Anomalous Ultraviolet Line Flux Ratios in the Cataclysmic Variables 1RXS J232953.9+062814, CE 315, BZ Ursae Majoris, and EY Cygni, Observed with the Hubble Space Telescope Space Telescope Imaging Spectrograph. <i>Astrophysical Journal</i> , 2003, 594, 443-448. | 1.6 | 101 |
| 30 | Hubble Space Telescope spectroscopy of the Balmer lines in Sirius B.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 1134-1142. | 1.6 | 98 |
| 31 | Neon Abundances in B Stars of the Orion Association: Solving the Solar Model Problem?. <i>Astrophysical Journal</i> , 2006, 647, L143-L146. | 1.6 | 98 |
| 32 | Theoretical Spectral Models of T Dwarfs at Short Wavelengths and Their Comparison with Data. <i>Astrophysical Journal</i> , 2002, 573, 394-417. | 1.6 | 95 |
| 33 | HST eclipse mapping of dwarf nova OY Carinae in quiescence: an 'Fe II curtain' with Mach approx. = 6 velocity dispersion veils the white dwarf. <i>Astrophysical Journal</i> , 1994, 426, 294. | 1.6 | 95 |
| 34 | Effects of mass loss for highly-irradiated giant planets. <i>Icarus</i> , 2007, 187, 358-364. | 1.1 | 89 |
| 35 | Optical Albedo Theory of Strongly Irradiated Giant Planets: The Case of HD 209458b. <i>Astrophysical Journal</i> , 2008, 682, 1277-1282. | 1.6 | 88 |
| 36 | A Theoretical Interpretation of the Measurements of the Secondary Eclipses of TrES-1 and HD 209458b. <i>Astrophysical Journal</i> , 2005, 625, L135-L138. | 1.6 | 86 |

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|----|---|-----|-----------|
| 37 | New Praesepe white dwarfs and the initial mass–final mass relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 369, 383-389. | 1.6 | 84 |
| 38 | Phase Functions and Light Curves of Wide–Separation Extrasolar Giant Planets. <i>Astrophysical Journal</i> , 2005, 627, 520-533. | 1.6 | 81 |
| 39 | Non-LTE line-blanketed model atmospheres of hot stars. 2: Hot, metal-rich white dwarfs. <i>Astrophysical Journal</i> , 1995, 439, 905. | 1.6 | 75 |
| 40 | Fundamental Properties of O–Type Stars. <i>Astrophysical Journal</i> , 2006, 638, 409-432. | 1.6 | 74 |
| 41 | Theoretical Radii of Transiting Giant Planets: The Case of OGLE-TR-56b. <i>Astrophysical Journal</i> , 2004, 610, L53-L56. | 1.6 | 72 |
| 42 | Effective temperatures of cataclysmic-variable white dwarfs as a probe of their evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2855-2878. | 1.6 | 69 |
| 43 | An Empirical Isochrone of Very Massive Stars in R136a. <i>Astrophysical Journal</i> , 1998, 509, 879-896. | 1.6 | 66 |
| 44 | EUVE spectroscopy of epsilon Canis Majoris (B2 II) from 70 to 730 Å. <i>Astrophysical Journal</i> , 1995, 438, 932. | 1.6 | 65 |
| 45 | Flash Mixing on the White Dwarf Cooling Curve: Far Ultraviolet Spectroscopic Explorer Observations of Three He-rich sdB Stars. <i>Astrophysical Journal</i> , 2004, 602, 342-355. | 1.6 | 65 |
| 46 | Non-LTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. II. Vertical Structure of the Disk. <i>Astrophysical Journal</i> , 1998, 505, 558-576. | 1.6 | 64 |
| 47 | Heavy-element abundance patterns in hot DA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 341, 870-890. | 1.6 | 56 |
| 48 | Evidence for an external origin of heavy elements in hot DA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1607-1625. | 1.6 | 56 |
| 49 | Scattering of polarized light in spectral lines with partial frequency redistribution - General redistribution matrix. <i>Astrophysical Journal</i> , 1988, 334, 527. | 1.6 | 54 |
| 50 | Modelling ultraviolet-line diagnostics of stars, the ionized and the neutral interstellar medium in star-forming galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 3532-3556. | 1.6 | 52 |
| 51 | Interstellar and photospheric opacity from EUV spectroscopy of DA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 58-76. | 1.6 | 51 |
| 52 | FUSE and HST STIS Far Ultraviolet Observations of AM Herculis in an Extended Low State. <i>Astrophysical Journal</i> , 2006, 639, 1039-1052. | 1.6 | 50 |
| 53 | New Grids of Pure-hydrogen White Dwarf NLTE Model Atmospheres and the HST/STIS Flux Calibration. <i>Astronomical Journal</i> , 2020, 160, 21. | 1.9 | 50 |
| 54 | Observations of the bright novalike variable IX Velorum with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1994, 426, 704. | 1.6 | 49 |

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| 55 | O Stars in Transition. II. Fundamental Properties and Evolutionary Status of Ofpe/WN9 Stars from HST Ultraviolet Observations. <i>Astrophysical Journal</i> , 1997, 478, 340-357. | 1.6 | 48 |
| 56 | The Cooling White Dwarf in VW Hydræ after Normal Outburst and Superoutburst: [ITAL]HST[/ITAL] Evidence of A Sustained Accretion Belt. <i>Astrophysical Journal</i> , 1996, 471, L41-L44. | 1.6 | 48 |
| 57 | A new detailed examination of white dwarfs in NGC 3532 and NGC 2287. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 2248-2256. | 1.6 | 46 |
| 58 | The effect of photospheric heavy elements on the hot DA white dwarf temperature scale. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 299, 520-534. | 1.6 | 45 |
| 59 | Non-LTE Model Atmosphere Analysis of the Large Magellanic Cloud Supersoft X-Ray Source CAL 83. <i>Astrophysical Journal</i> , 2005, 619, 517-526. | 1.6 | 45 |
| 60 | Tables of phase functions, opacities, albedos, equilibrium temperatures, and radiative accelerations of dust grains in exoplanets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 2-27. | 1.6 | 45 |
| 61 | Model atmospheres of sub-stellar mass objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 841-869. | 1.6 | 45 |
| 62 | A Spectrum Synthesis and Light Synthesis Program for Binary Stars with Optically Thick Accretion Disks. <i>Astrophysical Journal</i> , 1996, 471, 958-966. | 1.6 | 45 |
| 63 | Evidence of a Thermonuclear Runaway and Proton-Capture Material on a White Dwarf in a Dwarf Nova. <i>Astrophysical Journal</i> , 1997, 480, L17-L20. | 1.6 | 44 |
| 64 | The Hot White Dwarf in the Cataclysmic Variable MV Lyrae. <i>Astrophysical Journal</i> , 2004, 604, 346-356. | 1.6 | 43 |
| 65 | Non-LTE Models and Theoretical Spectra of Accretion Disks in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 1997, 484, L37-L40. | 1.6 | 43 |
| 66 | A Self-consistent Optical, Ultraviolet, and Extreme-Ultraviolet Model for the Spectrum of the Hot White Dwarf G191â€B2B. <i>Astrophysical Journal</i> , 1996, 473, 1089-1093. | 1.6 | 42 |
| 67 | Multidimensional Non-LTE Radiative Transfer. I. A Universal Two-dimensional Short-Characteristics Scheme for Cartesian, Spherical, and Cylindrical Coordinate Systems. <i>Astrophysical Journal</i> , 2002, 568, 1066-1094. | 1.6 | 42 |
| 68 | A Statistical Study of Accretion Disk Model Spectra for Cataclysmic Variables. <i>Astronomical Journal</i> , 2007, 134, 1923-1933. | 1.9 | 42 |
| 69 | Hubble Space Telescope FOS spectroscopy of the ultrashort-period dwarf nova WZ Sagittae: The underlying degenerate. <i>Astrophysical Journal</i> , 1995, 439, 957. | 1.6 | 42 |
| 70 | A New Algorithm for Two-dimensional Transport for Astrophysical Simulations. I. General Formulation and Tests for the One-dimensional Spherical Case. <i>Astrophysical Journal</i> , 2007, 659, 1458-1487. | 1.6 | 42 |
| 71 | Non-LTE Model Atmospheres for Late-type Stars. I. A Collection of Data for Light Neutral and Singly Ionized Atoms. <i>Astrophysical Journal, Supplement Series</i> , 2003, 147, 363-368. | 3.0 | 41 |
| 72 | A comparison of DA white dwarf temperatures and gravities from FUSE Lyman line and ground-based Balmer line observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 344, 562-574. | 1.6 | 40 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | A near-infrared spectroscopic search for very-low-mass cool companions to notable DA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 1049-1058. | 1.6 | 40 |
| 74 | Observations of the white dwarf in the U Geminorum system with the Hopkins Ultraviolet Telescope. <i>Astrophysical Journal</i> , 1993, 405, 327. | 1.6 | 40 |
| 75 | THE BLUE HOOK POPULATIONS OF MASSIVE GLOBULAR CLUSTERS. <i>Astrophysical Journal</i> , 2010, 718, 1332-1344. | 1.6 | 39 |
| 76 | On the Age Estimation of LBDS 53W091. <i>Astrophysical Journal</i> , 2000, 533, 670-681. | 1.6 | 37 |
| 77 | NLTE for APOGEE: simultaneous multi-element NLTE radiative transfer. <i>Astronomy and Astrophysics</i> , 2020, 637, A80. | 2.1 | 37 |
| 78 | Partial Redistribution in Multilevel Atoms. I. Method and Application to the Solar Hydrogen Line Formation. <i>Astrophysical Journal</i> , 1995, 455, 376. | 1.6 | 36 |
| 79 | The discovery of NI V in the photospheres of the hot DA white dwarfs RE 2214-492 and G191-B2B. <i>Astrophysical Journal</i> , 1994, 425, L105. | 1.6 | 36 |
| 80 | Hubble Space Telescope Eclipse Observations of the Nova-like Cataclysmic Variable UX Ursae Majoris. <i>Astrophysical Journal</i> , 1998, 499, 414-428. | 1.6 | 36 |
| 81 | The D/H Ratio in Interstellar Gas toward G191-B2B. <i>Astrophysical Journal</i> , 1999, 523, L159-L163. | 1.6 | 35 |
| 82 | A Mass Function Constraint on Extrasolar Giant Planet Evaporation Rates. <i>Astrophysical Journal</i> , 2007, 658, L59-L62. | 1.6 | 34 |
| 83 | EUVE Spectroscopy of beta Canis Majoris (B1 II-III) from 500 Angstrom to 700 Angstrom. <i>Astrophysical Journal</i> , 1996, 460, 949. | 1.6 | 34 |
| 84 | Non-LTE, Relativistic Accretion Disk Fits to 3C 273 and the Origin of the Lyman Limit Spectral Break. <i>Astrophysical Journal</i> , 2001, 563, 560-568. | 1.6 | 34 |
| 85 | MV Lyrae in Low, Intermediate, and High States. <i>Astrophysical Journal</i> , 2005, 624, 923-933. | 1.6 | 33 |
| 86 | Non-LTE analysis of the Ofpe/WN9 star HDE 269227 (R84). <i>Astrophysical Journal</i> , 1991, 372, 664. | 1.6 | 33 |
| 87 | Can a disk model explain Beta Lyrae?. <i>Astronomical Journal</i> , 1991, 102, 1156. | 1.9 | 32 |
| 88 | Evidence for the stratification of Fe in the photosphere of G191 B2B. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 307, 884-894. | 1.6 | 31 |
| 89 | Argon Abundances in the Solar Neighborhood: Non-LTE Analysis of Orion Association B-type Stars I. <i>Astrophysical Journal</i> , 2008, 678, 1342-1350. | 1.6 | 31 |
| 90 | Praesepe and the seven white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, L39-L43. | 1.6 | 30 |

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| 91 | Isolating Clusters with Wolf-Rayet Stars in I Z[CLC]w[/CLC] 18. <i>Astrophysical Journal</i> , 2002, 579, L75-L78. | 1.6 | 30 |
| 92 | Non-LTE Model Atmospheres for Late-Type Stars. II. Restricted Non-LTE Calculations for a Solar-like Atmosphere. <i>Astrophysical Journal</i> , 2003, 591, 1192-1202. | 1.6 | 26 |
| 93 | Subpercent Photometry: Faint DA White Dwarf Spectrophotometric Standards for Astrophysical Observatories. <i>Astrophysical Journal</i> , Supplement Series, 2019, 241, 20. | 3.0 | 26 |
| 94 | Ultraviolet Limb Darkening and Spectra for Accretion Disks in Cataclysmic Variables. <i>Astrophysical Journal</i> , 1996, 459, 236. | 1.6 | 26 |
| 95 | A Synthetic Spectrum and Light-Curve Analysis of the Cataclysmic Variable IX Velorum. <i>Astrophysical Journal</i> , 2007, 662, 1204-1219. | 1.6 | 26 |
| 96 | HST spatially resolved spectra of the accretion disc and gas stream of the nova-like variable UX Ursae Majoris. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 1079-1091. | 1.6 | 25 |
| 97 | Non-LTE Spectra of Accretion Disks around Intermediate-Mass Black Holes. <i>Astrophysical Journal</i> , 2005, 625, 913-922. | 1.6 | 25 |
| 98 | Stringent limits on the ionized mass loss from A and F dwarfs. <i>Astrophysical Journal</i> , 1990, 361, 220. | 1.6 | 25 |
| 99 | Non-LTE Line-blanketed Model Atmospheres of Hot Stars. III. Hot Subdwarfs: The sdO Star BD +75o325. <i>Astrophysical Journal</i> , 1997, 485, 843-858. | 1.6 | 24 |
| 100 | Hubble Space Telescope STIS Spectroscopy of Long-Period Dwarf Novae in Quiescence. <i>Astrophysical Journal</i> , 2008, 681, 543-553. | 1.6 | 24 |
| 101 | A spectrum synthesis program for binary stars. <i>Astrophysical Journal</i> , 1994, 434, 738. | 1.6 | 24 |
| 102 | THE ANOMALOUS ACCRETION DISK OF THE CATAclysmic VARIABLE RW SEXTANTIS. <i>Astrophysical Journal</i> , 2010, 719, 271-286. | 1.6 | 23 |
| 103 | AN ONLINE CATALOG OF CATAclysmic VARIABLE SPECTRA FROM THE FAR-ULTRAVIOLET SPECTROSCOPIC EXPLORER. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 29. | 3.0 | 23 |
| 104 | Hubble Space Telescope/FOS Spectroscopy of VW Hydri in Superoutburst. <i>Astrophysical Journal</i> , 1996, 458, 355. | 1.6 | 23 |
| 105 | Solving the mystery of the heavy-element opacity in the DA white dwarf GD394. <i>Monthly Notices of the Royal Astronomical Society</i> , 1996, 279, 1120-1136. | 1.6 | 22 |
| 106 | Hubble Space Telescope STIS Spectroscopy of VW Hydri during Early Quiescence following a Superoutburst. <i>Astrophysical Journal</i> , 2001, 561, L127-L130. | 1.6 | 22 |
| 107 | FLASH MIXING ON THE WHITE DWARF COOLING CURVE: SPECTROSCOPIC CONFIRMATION IN NGC 2808. <i>Astrophysical Journal</i> , 2012, 748, 85. | 1.6 | 22 |
| 108 | A Far Ultraviolet Archival Study of Cataclysmic Variables. I. FUSE and HST STIS Spectra of the Exposed White Dwarf in Dwarf Nova Systems. <i>Astrophysical Journal</i> , 2008, 679, 1447-1466. | 1.6 | 21 |

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|-----|---|-----|-----------|
| 109 | HST/GHRS Observations of the beta Pictoris System. II. Exploring the Potential for Tracking Comet-like Objects Orbiting the Star. <i>Astrophysical Journal</i> , 1996, 470, 1144. | 1.6 | 21 |
| 110 | Absorption and emission line profile coefficients of multilevel atoms II. Velocity-averaged profile coefficients. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 1983, 29, 495-506. | 1.1 | 20 |
| 111 | A comparison of DA white dwarf temperatures and gravities from Lyman and Balmer line studies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, 211-222. | 1.6 | 20 |
| 112 | Toward Resolving the "Mass Discrepancy" in O-Type Stars. <i>Astrophysical Journal</i> , 1996, 465, 359. | 1.6 | 19 |
| 113 | V3885 SAGITTARIUS: A COMPARISON WITH A RANGE OF STANDARD MODEL ACCRETION DISKS. <i>Astrophysical Journal</i> , 2009, 703, 1839-1850. | 1.6 | 18 |
| 114 | A Grid of Synthetic Spectra for Hot DA White Dwarfs and Its Application in Stellar Population Synthesis. <i>Astrophysical Journal, Supplement Series</i> , 2017, 231, 1. | 3.0 | 18 |
| 115 | Far-Ultraviolet Space Telescope Imaging Spectrograph Spectra of the White Dwarf REJ 1032+532. II. Stellar Spectrum. <i>Astrophysical Journal</i> , 1999, 517, 850-858. | 1.6 | 17 |
| 116 | Far-ultraviolet spectroscopy of the hot DA white dwarf WD 2218+706 (DeHt5) with STIS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 325, 1149-1156. | 1.6 | 16 |
| 117 | Modeling UX Ursae Majoris: An Abundance of Challenges. <i>Astrophysical Journal</i> , 2008, 688, 568-582. | 1.6 | 16 |
| 118 | First results from the Goddard High-Resolution Spectrograph - Evidence for photospheric microturbulence in early O stars - Are surface gravities systematically underestimated?. <i>Astrophysical Journal</i> , 1991, 377, L33. | 1.6 | 16 |
| 119 | Hubble Space Telescope Ultraviolet Spectroscopy of Two Hot White Dwarfs. <i>Astrophysical Journal</i> , 1997, 484, 871-878. | 1.6 | 16 |
| 120 | Far Ultraviolet Spectroscopic Explorer Observations of G226-29: First Detection of the H ₂ Quasi-molecular Satellite at 1150. <i>Astrophysical Journal</i> , 2004, 601, L183-L186. | 1.6 | 15 |
| 121 | New faint optical spectrophotometric standards: hot white dwarfs from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 759-771. | 1.6 | 15 |
| 122 | A METHOD FOR THE STUDY OF ACCRETION DISK EMISSION IN CATAclysmic VARIABLES. I. THE MODEL. <i>Astrophysical Journal</i> , 2011, 736, 17. | 1.6 | 15 |
| 123 | CW Librae: a unique laboratory for pulsations in an accreting white dwarf. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3929-3938. | 1.6 | 15 |
| 124 | GHRS Spectroscopy of individual stars in R136a. <i>Astrophysical Journal</i> , 1994, 435, L39. | 1.6 | 15 |
| 125 | A Study of the Near-Ultraviolet Spectrum of Vega. <i>Astrophysical Journal</i> , 2005, 623, 460-471. | 1.6 | 14 |
| 126 | Heavy element abundances in DAO white dwarfs measured from FUSE data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 363, 183-196. | 1.6 | 14 |

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| 127 | Synthetic Spectrum Constraints on a Model of the Cataclysmic Variable QU Carinae. <i>Astrophysical Journal</i> , 2008, 676, 1226-1239. | 1.6 | 14 |
| 128 | Dynamic processes in Be star atmospheres. 2: He I 2P-nD line formation in lambda Eridani (outburst). <i>Astrophysical Journal</i> , 1994, 432, 392. | 1.6 | 14 |
| 129 | First results from the Goddard High-Resolution Spectrograph - Spectroscopic determination of stellar parameters of Melnick 42, an O3f star in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 1991, 377, L29. | 1.6 | 14 |
| 130 | New Light Synthesis and Spectrum Synthesis Constraints on a Model for $\hat{\iota}^2$ Lyrae. <i>Astrophysical Journal</i> , 1998, 509, 379-391. | 1.6 | 13 |
| 131 | RXTE, ROSAT, EUVE, IUE, and Optical Observations through the 45 Day Supercycle of V1159 Orionis. <i>Astrophysical Journal</i> , 1999, 521, 362-375. | 1.6 | 13 |
| 132 | The Accretion Disk (Belt?) During the Quiescence of VW Hydri. <i>Astronomical Journal</i> , 1996, 111, 2386. | 1.9 | 13 |
| 133 | Dynamic Processes in Be Star Atmospheres. V. Helium Line Emissions from the Outer Atmosphere of $\hat{\iota}^2$ Eridani. <i>Astrophysical Journal</i> , 1997, 481, 467-478. | 1.6 | 13 |
| 134 | All-Order Full-Coulomb Quantum Spectral Line-Shape Calculations. <i>Physical Review Letters</i> , 2021, 127, 235001. | 2.9 | 13 |
| 135 | An alternative explanation of the EUV spectrum of the white dwarf G191-B2B invoking a stratified H+He envelope including heavier elements. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 299, 379-388. | 1.6 | 12 |
| 136 | The Eclipsing Cataclysmic Variable V347 Puppis Revisited. <i>Astrophysical Journal</i> , 1999, 523, 786-796. | 1.6 | 12 |
| 137 | FUSE observations of PG1342444: new insights into the nature of the hottest DA white dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 330, 425-434. | 1.6 | 11 |
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