

Steven Bloemen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

1,503
citations

840776

11
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

1970
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Transiting circumbinary planets Kepler-34 b and Kepler-35 b. <i>Nature</i> , 2012, 481, 475-479. | 27.8 | 385 |
| 2 | KEPLER ECLIPSING BINARY STARS. VII. THE CATALOG OF ECLIPSING BINARIES FOUND IN THE ENTIRE KEPLER DATA SET. <i>Astronomical Journal</i> , 2016, 151, 68. | 4.7 | 302 |
| 3 | THE APOKASC CATALOG: AN ASTEROSEISMIC AND SPECTROSCOPIC JOINT SURVEY OF TARGETS IN THE <i>KEPLER</i> FIELDS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 19. | 7.7 | 268 |
| 4 | <i>KEPLER</i> ECLIPSING BINARY STARS. III. CLASSIFICATION OF <i>KEPLER</i> ECLIPSING BINARY LIGHT CURVES WITH LOCALLY LINEAR EMBEDDING. <i>Astronomical Journal</i> , 2012, 143, 123. | 4.7 | 144 |
| 5 | Deviations from a uniform period spacing of gravity modes in a massive star. <i>Nature</i> , 2010, 464, 259-261. | 27.8 | 133 |
| 6 | PHOTOMETRICALLY DERIVED MASSES AND RADII OF THE PLANET AND STAR IN THE TrES-2 SYSTEM. <i>Astrophysical Journal</i> , 2012, 761, 53. | 4.5 | 89 |
| 7 | KEPLER ECLIPSING BINARY STARS. VIII. IDENTIFICATION OF FALSE POSITIVE ECLIPSING BINARIES AND RE-EXTRACTION OF NEW LIGHT CURVES. <i>Astronomical Journal</i> , 2016, 151, 101. | 4.7 | 36 |
| 8 | Kepler Eclipsing Binary Stars. V. Identification of 31 Candidate Eclipsing Binaries in the K2 Engineering Dataset. <i>Publications of the Astronomical Society of the Pacific</i> , 2014, 126, 914-922. | 3.1 | 35 |
| 9 | Convolutional neural networks for transient candidate vetting in large-scale surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 3101-3114. | 4.4 | 32 |
| 10 | PTF1 J082340.04+081936.5: A Hot Subdwarf B Star with a Low-mass White Dwarf Companion in an 87-minute Orbit. <i>Astrophysical Journal</i> , 2017, 835, 131. | 4.5 | 28 |
| 11 | Discovery of a Double-detonation Thermonuclear Supernova Progenitor. <i>Astrophysical Journal Letters</i> , 2022, 925, L12. | 8.3 | 20 |
| 12 | MeerCRAB: MeerLICHT classification of real and bogus transients using deep learning. <i>Experimental Astronomy</i> , 2021, 51, 319. | 3.7 | 10 |
| 13 | The carbon footprint of astronomy research in the Netherlands. <i>Nature Astronomy</i> , 2021, 5, 1195-1198. | 10.1 | 8 |
| 14 | Anomalous gas in ESO 149-G003: a MeerKAT-16 view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2704-2723. | 4.4 | 7 |
| 15 | Spectroscopic and Photometric Analysis of the HW Vir Star PTF1 J011339.09+225739.1. <i>Open Astronomy</i> , 2018, 27, 80-90. | 0.6 | 5 |
| 16 | The Nature of the Eccentric Double-lined Eclipsing Binary System KIC 2306740 with Kepler Space Photometry. <i>Astrophysical Journal</i> , 2021, 910, 111. | 4.5 | 1 |