

Jorgen Christensen-Dalsgaard

List of Publications by Year in descending order

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314
papers

34,309
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A 20 Second Cadence View of Solar-type Stars and Their Planets with TESS: Asteroseismology of Solar Analogs and a Recharacterization of ϵ Men c. <i>Astronomical Journal</i> , 2022, 163, 79. | 1.9 | 22 |
| 2 | First Results on RR Lyrae Stars with the TESS Space Telescope: Untangling the Connections between Mode Content, Colors, and Distances. <i>Astrophysical Journal, Supplement Series</i> , 2022, 258, 8. | 3.0 | 18 |
| 3 | Core overshoot constrained by the absence of a solar convective core and some solar-like stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 4852-4868. | 1.6 | 5 |
| 4 | TESS Observations of Cepheid Stars: First Light Results. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 11. | 3.0 | 27 |
| 5 | Solar structure and evolution. <i>Living Reviews in Solar Physics</i> , 2021, 18, 1. | 7.8 | 49 |
| 6 | Asteroseismic Inference of the Central Structure in a Subgiant Star. <i>Astrophysical Journal</i> , 2021, 915, 100. | 1.6 | 9 |
| 7 | The TESS Mission Target Selection Procedure. <i>Publications of the Astronomical Society of the Pacific</i> , 2021, 133, 095002. | 1.0 | 5 |
| 8 | The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36. | 1.9 | 96 |
| 9 | The BAYesian STellar algorithm (BASTA): a fitting tool for stellar studies, asteroseismology, exoplanets, and Galactic archaeology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 509, 4344-4364. | 1.6 | 26 |
| 10 | PLATO hare-and-hounds exercise: asteroseismic model fitting of main-sequence solar-like pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5864-5885. | 1.6 | 13 |
| 11 | Asteroseismic signatures of the helium core flash. <i>Nature Astronomy</i> , 2020, 4, 67-71. | 4.2 | 11 |
| 12 | Asteroseismology of 36 <i>Kepler</i> subgiants II. Determining ages from detailed modelling. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 3431-3462. | 1.6 | 26 |
| 13 | Variations of the mixing character of dipolar mixed modes in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 621-636. | 1.6 | 15 |
| 14 | The Aarhus red giants challenge. <i>Astronomy and Astrophysics</i> , 2020, 635, A165. | 2.1 | 22 |
| 15 | TESS Asteroseismic Analysis of the Known Exoplanet Host Star HD 222076. <i>Astrophysical Journal</i> , 2020, 896, 65. | 1.6 | 14 |
| 16 | Coupling 1D stellar evolution with 3D-hydrodynamical simulations on-the-fly II: stellar evolution and asteroseismic applications. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 1160-1173. | 1.6 | 23 |
| 17 | The Aarhus red giants challenge. <i>Astronomy and Astrophysics</i> , 2020, 635, A164. | 2.1 | 32 |
| 18 | Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34. | 3.0 | 37 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\hat{\nu}/2$ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389. | 4.2 | 46 |
| 20 | Seismic solar models from Ledoux discriminant inversions. <i>Astronomy and Astrophysics</i> , 2020, 642, A36. | 2.1 | 8 |
| 21 | High-precision abundances of elements in solar-type stars. <i>Astronomy and Astrophysics</i> , 2020, 640, A81. | 2.1 | 75 |
| 22 | Doppler Imaging and Differential Rotation of $\hat{\nu}f^{²}$ Coronae Borealis Using SONG*. <i>Astrophysical Journal</i> , 2020, 893, 164. | 1.6 | 5 |
| 23 | Solar Models with Convective Overshoot, Solar-wind Mass Loss, and PMS Disk Accretion: Helioseismic Quantities, Li Depletion, and Neutrino Fluxes. <i>Astrophysical Journal</i> , 2019, 881, 103. | 1.6 | 27 |
| 24 | Analytical modelling of period spacings across the HR diagram. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 909-926. | 1.6 | 23 |
| 25 | TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31. | 1.6 | 28 |
| 26 | The Asteroseismic Target List for Solar-like Oscillators Observed in 2 minute Cadence with the Transiting Exoplanet Survey Satellite. <i>Astrophysical Journal, Supplement Series</i> , 2019, 241, 12. | 3.0 | 58 |
| 27 | TESS Discovery of an Ultra-short-period Planet around the Nearby M Dwarf LHS 3844. <i>Astrophysical Journal Letters</i> , 2019, 871, L24. | 3.0 | 108 |
| 28 | A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245. | 1.9 | 72 |
| 29 | Damping rates and frequency corrections of Kepler LEGACY stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 487, 595-608. | 1.6 | 12 |
| 30 | Oscillations in the Sun with SONG: Setting the scale for asteroseismic investigations. <i>Astronomy and Astrophysics</i> , 2019, 623, L9. | 2.1 | 12 |
| 31 | Asteroseismology of the Hyades red giant and planet host $\hat{\nu}\mu$ Tauri. <i>Astronomy and Astrophysics</i> , 2019, 622, A190. | 2.1 | 19 |
| 32 | Latitudinal differential rotation in the solar analogues 16 Cygni A and B. <i>Astronomy and Astrophysics</i> , 2019, 623, A125. | 2.1 | 23 |
| 33 | Asteroseismic Constraints on the Cosmic-time Variation of the Gravitational Constant from an Ancient Main-sequence Star. <i>Astrophysical Journal Letters</i> , 2019, 887, L1. | 3.0 | 27 |
| 34 | Asteroseismic modelling of the subgiant $\hat{\nu}/4$ Herculis using SONG data: lifting the degeneracy between age and model input parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 780-789. | 1.6 | 12 |
| 35 | A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019, 3, 416-423. | 4.2 | 64 |
| 36 | Testing Stellar Evolution with Asteroseismic Inversions of a Main-sequence Star Harboring a Small Convective Core. <i>Astrophysical Journal</i> , 2019, 885, 143. | 1.6 | 13 |

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|----|---|-----|-----------|
| 37 | Helioseismology and solar neutrinos. , 2019, , . | | 0 |
| 38 | Ages for Exoplanet Host Stars. , 2018, , 1-18. | | 3 |
| 39 | Butterfly diagram of a Sun-like star observed using asteroseismology. <i>Astronomy and Astrophysics</i> , 2018, 619, L9. | 2.1 | 12 |
| 40 | Modelling the solar twin 18 Scorpii. <i>Astronomy and Astrophysics</i> , 2018, 619, A172. | 2.1 | 15 |
| 41 | Ages for Exoplanet Host Stars. , 2018, , 1679-1696. | | 1 |
| 42 | The mass and age of the first SONG target: the red giant 46 LMi. <i>Astronomy and Astrophysics</i> , 2018, 613, A53. | 2.1 | 8 |
| 43 | TESS Discovery of a Transiting Super-Earth in the pi Mensae System. <i>Astrophysical Journal Letters</i> , 2018, 868, L39. | 3.0 | 148 |
| 44 | Modelling linewidths of Kepler red giants in NGC 6819. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 69-80. | 1.6 | 5 |
| 45 | Stellar models with calibrated convection and temperature stratification from 3D hydrodynamics simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5650-5659. | 1.6 | 37 |
| 46 | On the hydrostatic stratification of the solar tachocline. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 3845-3852. | 1.6 | 18 |
| 47 | Asteroseismic detection of latitudinal differential rotation in 13 Sun-like stars. <i>Science</i> , 2018, 361, 1231-1234. | 6.0 | 79 |
| 48 | Coupling 1D stellar evolution with 3D-hydrodynamical simulations on the fly â€” I. A new standard solar model. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2018, 481, L35-L39. | 1.2 | 23 |
| 49 | Planetary Candidates Observed by <i>Kepler</i> . VIII. A Fully Automated Catalog with Measured Completeness and Reliability Based on Data Release 25. <i>Astrophysical Journal, Supplement Series</i> , 2018, 235, 38. | 3.0 | 316 |
| 50 | <i>Kepler</i> observations of the asteroseismic binary HD 176465. <i>Astronomy and Astrophysics</i> , 2017, 601, A82. | 2.1 | 28 |
| 51 | The asteroseismic surface effect from a grid of 3D convection simulations â€” I. Frequency shifts from convective expansion of stellar atmospheres. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 466, L43-L47. | 1.2 | 35 |
| 52 | <i>Kepler </i> sheds new and unprecedented light on the variability of a blue supergiant: Gravity waves in the O9.5Iab star HDâ€™%188209. <i>Astronomy and Astrophysics</i> , 2017, 602, A32. | 2.1 | 34 |
| 53 | Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. I. Oscillation Mode Parameters. <i>Astrophysical Journal</i> , 2017, 835, 172. | 1.6 | 195 |
| 54 | Standing on the Shoulders of Dwarfs: the Kepler Asteroseismic LEGACY Sample. II. Radii, Masses, and Ages. <i>Astrophysical Journal</i> , 2017, 835, 173. | 1.6 | 223 |

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|----|---|-----|-----------|
| 55 | PLATO <i>as it is</i> : A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661. | 0.6 | 61 |
| 56 | Giant star seismology. <i>Astronomy and Astrophysics Review</i> , 2017, 25, 1. | 9.1 | 124 |
| 57 | On the surface physics affecting solar oscillation frequencies. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2017, 464, L124-L128. | 1.2 | 47 |
| 58 | First Results from the Hertzsprung SONG Telescope: Asteroseismology of the G5 Subgiant Star $\frac{1}{4}$ Herculis*. <i>Astrophysical Journal</i> , 2017, 836, 142. | 1.6 | 66 |
| 59 | A semi-analytical computation of the theoretical uncertainties of the solar neutrino flux. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4802-4805. | 1.6 | 5 |
| 60 | Asteroseismic masses of retired planet-hosting A-stars using SONG. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 4110-4116. | 1.6 | 26 |
| 61 | Testing stellar evolution models with the retired A star HD 185351. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 3713-3719. | 1.6 | 23 |
| 62 | Improving 1D Stellar Models with 3D Atmospheres. <i>EPJ Web of Conferences</i> , 2017, 160, 03009. | 0.1 | 5 |
| 63 | High-precision abundances of elements in stars with asteroseismic ages. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 166-169. | 0.0 | 0 |
| 64 | High-precision abundances of elements in <i>Kepler</i> LEGACY stars. <i>Astronomy and Astrophysics</i> , 2017, 608, A112. | 2.1 | 54 |
| 65 | Using low-mass stars as a tool: efforts towards precise models. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 178-181. | 0.0 | 0 |
| 66 | Data preparation for asteroseismology with TESS. <i>EPJ Web of Conferences</i> , 2017, 160, 01005. | 0.1 | 21 |
| 67 | A view into the core of $\hat{\pm}$ Cen A. <i>EPJ Web of Conferences</i> , 2017, 160, 03006. | 0.1 | 0 |
| 68 | A fitting LEGACY "modelling" Kepler's best stars. <i>EPJ Web of Conferences</i> , 2017, 160, 03010. | 0.1 | 1 |
| 69 | INTERNAL ROTATION OF THE RED-GIANT STAR KIC4448777 BY MEANS OF ASTEROSEISMIC INVERSION. <i>Astrophysical Journal</i> , 2016, 817, 65. | 1.6 | 59 |
| 70 | THE ASTEROSEISMIC POTENTIAL OF TESS: EXOPLANET-HOST STARS. <i>Astrophysical Journal</i> , 2016, 830, 138. | 1.6 | 122 |
| 71 | Towards 21st century stellar models: Star clusters, supercomputing and asteroseismology. <i>Astronomische Nachrichten</i> , 2016, 337, 788-792. | 0.6 | 5 |
| 72 | NOMINAL VALUES FOR SELECTED SOLAR AND PLANETARY QUANTITIES: IAU 2015 RESOLUTION B3 [*] ^{â€} . <i>Astronomical Journal</i> , 2016, 152, 41. | 1.9 | 235 |

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|----|--|-----|-----------|
| 73 | DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR $\hat{\iota}$ CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. <i>Astrophysical Journal</i> , 2016, 831, 17. | 1.6 | 14 |
| 74 | Asteroseismic Properties of Solar-type Stars Observed with the NASA <i>K2</i> Mission: Results from Campaigns 1–3 and Prospects for Future Observations. <i>Publications of the Astronomical Society of the Pacific</i> , 2016, 128, 124204. | 1.0 | 24 |
| 75 | Hot super-Earths stripped by their host stars. <i>Nature Communications</i> , 2016, 7, 11201. | 5.8 | 172 |
| 76 | SpaceInn hare-and-hounds exercise: Estimation of stellar properties using space-based asteroseismic data. <i>Astronomy and Astrophysics</i> , 2016, 592, A14. | 2.1 | 32 |
| 77 | On the uncertain nature of the core of $\hat{\iota}$ Cen A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 1254-1269. | 1.6 | 42 |
| 78 | THE KEPLER-454 SYSTEM: A SMALL, NOT-ROCKY INNER PLANET, A JOVIAN WORLD, AND A DISTANT COMPANION. <i>Astrophysical Journal</i> , 2016, 816, 95. | 1.6 | 55 |
| 79 | SPIN–ORBIT ALIGNMENT OF EXOPLANET SYSTEMS: ENSEMBLE ANALYSIS USING ASTEROSEISMOLOGY. <i>Astrophysical Journal</i> , 2016, 819, 85. | 1.6 | 91 |
| 80 | Oscillation frequencies for 35 <i>Kepler</i> solar-type planet-hosting stars using Bayesian techniques and machine learning. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 2183-2195. | 1.6 | 101 |
| 81 | Ages and fundamental properties of <i>Kepler</i> exoplanet host stars from asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 2127-2148. | 1.6 | 283 |
| 82 | Oscillations in g-mode period spacings in red giants as a way to determine their state of evolution. <i>EPJ Web of Conferences</i> , 2015, 101, 01014. | 0.1 | 0 |
| 83 | On the red-giant luminosity bump. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 666-670. | 1.6 | 29 |
| 84 | The treatment of mixing in core helium burning models – I. Implications for asteroseismology. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 123-145. | 1.6 | 91 |
| 85 | AN ANCIENT EXTRASOLAR SYSTEM WITH FIVE SUB-EARTH-SIZE PLANETS. <i>Astrophysical Journal</i> , 2015, 799, 170. | 1.6 | 164 |
| 86 | KEPLER-432: A RED GIANT INTERACTING WITH ONE OF ITS TWO LONG-PERIOD GIANT PLANETS. <i>Astrophysical Journal</i> , 2015, 803, 49. | 1.6 | 70 |
| 87 | STRUCTURAL GLITCHES NEAR THE CORES OF RED GIANTS REVEALED BY OSCILLATIONS IN G-MODE PERIOD SPACINGS FROM STELLAR MODELS. <i>Astrophysical Journal</i> , 2015, 805, 127. | 1.6 | 50 |
| 88 | Asteroseismology of Solar-Type Stars with <i>K2</i> : Detection of Oscillations in C1 Data. <i>Publications of the Astronomical Society of the Pacific</i> , 2015, 127, 1038-1044. | 1.0 | 25 |
| 89 | Study of KIC 8561221 observed by <i>Kepler</i> : an early red giant showing depressed dipolar modes. <i>Astronomy and Astrophysics</i> , 2014, 563, A84. | 2.1 | 40 |
| 90 | PROPERTIES OF 42 SOLAR-TYPE <i>KEPLER</i> TARGETS FROM THE ASTEROSEISMIC MODELING PORTAL. <i>Astrophysical Journal</i> , Supplement Series, 2014, 214, 27. | 3.0 | 121 |

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|-----|--|-----|-----------|
| 91 | LIMITS ON SURFACE GRAVITIES OF <i>KEPLER</i> PLANET-CANDIDATE HOST STARS FROM NON-DETECTION OF SOLAR-LIKE OSCILLATIONS. <i>Astrophysical Journal</i> , 2014, 783, 123. | 1.6 | 47 |
| 92 | The PLATO 2.0 mission. <i>Experimental Astronomy</i> , 2014, 38, 249-330. | 1.6 | 912 |
| 93 | Improvements to stellar structure models, based on a grid of 3D convection simulations – II. Calibrating the mixing-length formulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4366-4384. | 1.6 | 128 |
| 94 | Verification of asymptotic relation for mixed modes in red giant stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 3622-3631. | 1.6 | 19 |
| 95 | On the inference of stellar ages and convective-core properties in main-sequence solar-like pulsators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 438, 1751-1761. | 1.6 | 9 |
| 96 | Benefits of multiple sites for asteroseismic detections. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1318-1328. | 1.6 | 6 |
| 97 | Transiting Exoplanet Survey Satellite. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2014, 1, 014003. | 1.0 | 2,300 |
| 98 | ASTEROSEISMIC FUNDAMENTAL PROPERTIES OF SOLAR-TYPE STARS OBSERVED BY THE NASA <i>KEPLER</i> MISSION. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 1. | 3.0 | 293 |
| 99 | WHAT ASTEROSEISMOLOGY CAN DO FOR EXOPLANETS: <i>KEPLER</i> -410A b IS A SMALL NEPTUNE AROUND A BRIGHT STAR, IN AN ECCENTRIC ORBIT CONSISTENT WITH LOW OBLIQUITY. <i>Astrophysical Journal</i> , 2014, 782, 14. | 1.6 | 98 |
| 100 | <i>KEPLER</i> -93b: A TERRESTRIAL WORLD MEASURED TO WITHIN 120 km, AND A TEST CASE FOR A NEW <i>SPITZER</i> OBSERVING MODE. <i>Astrophysical Journal</i> , 2014, 790, 12. | 1.6 | 76 |
| 101 | OLD PUZZLE, NEW INSIGHTS: A LITHIUM-RICH GIANT QUIETLY BURNING HELIUM IN ITS CORE. <i>Astrophysical Journal Letters</i> , 2014, 784, L16. | 3.0 | 57 |
| 102 | On the asymptotic acoustic-mode phase in red giant stars and its dependence on evolutionary state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3685-3693. | 1.6 | 25 |
| 103 | MEASUREMENT OF ACOUSTIC GLITCHES IN SOLAR-TYPE STARS FROM OSCILLATION FREQUENCIES OBSERVED BY <i>KEPLER</i> . <i>Astrophysical Journal</i> , 2014, 782, 18. | 1.6 | 73 |
| 104 | DIFFERENTIAL ROTATION IN MAIN-SEQUENCE SOLAR-LIKE STARS: QUALITATIVE INFERENCE FROM ASTEROSEISMIC DATA. <i>Astrophysical Journal</i> , 2014, 790, 121. | 1.6 | 34 |
| 105 | DETECTION OF $\nu_4 = 4$ AND $\nu_5 = 5$ MODES IN 12 YEARS OF SOLAR VIRGO-SPM DATA – TESTS ON <i>KEPLER</i> OBSERVATIONS OF 16 Cyg A AND B. <i>Astrophysical Journal</i> , 2014, 782, 2. | 1.6 | 17 |
| 106 | ANGULAR MOMENTUM TRANSPORT WITHIN EVOLVED LOW-MASS STARS. <i>Astrophysical Journal</i> , 2014, 788, 93. | 1.6 | 200 |
| 107 | NON-RADIAL OSCILLATIONS IN M-GIANT SEMI-REGULAR VARIABLES: STELLAR MODELS AND <i>KEPLER</i> OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2014, 788, L10. | 3.0 | 73 |
| 108 | MASSSES, RADII, AND ORBITS OF SMALL <i>KEPLER</i> PLANETS: THE TRANSITION FROM GASEOUS TO ROCKY PLANETS. <i>Astrophysical Journal, Supplement Series</i> , 2014, 210, 20. | 3.0 | 418 |

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|-----|--|------|-----------|
| 109 | Transiting Exoplanet Survey Satellite (TESS). Proceedings of SPIE, 2014, , . | 0.8 | 566 |
| 110 | ACCURATE PARAMETERS OF THE OLDEST KNOWN ROCKY-EXOPLANET HOSTING SYSTEM: KEPLER-10 REVISITED. Astrophysical Journal, 2014, 781, 67. | 1.6 | 49 |
| 111 | Improvements to stellar structure models, based on a grid of 3D convection simulations $\hat{\epsilon}^{\text{I. T.}}$ relations. Monthly Notices of the Royal Astronomical Society, 2014, 442, 805-820. | 1.6 | 56 |
| 112 | Seismic constraints on the radial dependence of the internal rotation profiles of six Kepler subgiants and young red giants. Astronomy and Astrophysics, 2014, 564, A27. | 2.1 | 249 |
| 113 | A sub-Mercury-sized exoplanet. Nature, 2013, 494, 452-454. | 13.7 | 193 |
| 114 | Sounding stellar cycles with Kepler II. Ground-based observations.... Monthly Notices of the Royal Astronomical Society, 2013, 433, 3227-3238. | 1.6 | 46 |
| 115 | Seismic study of solar convection and overshooting: results of nonlocal convection. Research in Astronomy and Astrophysics, 2013, 13, 1127-1140. | 0.7 | 1 |
| 116 | ASTEROSEISMIC DETERMINATION OF OBLIQUITIES OF THE EXOPLANET SYSTEMS KEPLER-50 AND KEPLER-65. Astrophysical Journal, 2013, 766, 101. | 1.6 | 158 |
| 117 | STELLAR AGES AND CONVECTIVE CORES IN FIELD MAIN-SEQUENCE STARS: FIRST ASTEROSEISMIC APPLICATION TO TWO KEPLER TARGETS. Astrophysical Journal, 2013, 769, 141. | 1.6 | 115 |
| 118 | THE HIGH-LATITUDE BRANCH OF THE SOLAR TORSIONAL OSCILLATION IN THE RISING PHASE OF CYCLE 24. Astrophysical Journal Letters, 2013, 767, L20. | 3.0 | 70 |
| 119 | FUNDAMENTAL PROPERTIES OF KEPLER PLANET-CANDIDATE HOST STARS USING ASTEROSEISMOLOGY. Astrophysical Journal, 2013, 767, 127. | 1.6 | 259 |
| 120 | The new era of asteroseismology. EAS Publications Series, 2013, 63, 91-104. | 0.3 | 22 |
| 121 | Inferring properties of small convective cores in main-sequence solar-like pulsators. EAS Publications Series, 2013, 63, 115-121. | 0.3 | 1 |
| 122 | Stellar Spin-Orbit Misalignment in a Multiplanet System. Science, 2013, 342, 331-334. | 6.0 | 262 |
| 123 | Observations of the radial velocity of the Sun as measured with the novel SONG spectrograph: results from a 1-week campaign. Journal of Physics: Conference Series, 2013, 440, 012051. | 0.3 | 11 |
| 124 | The evolution of the internal rotation of solar-type stars. Proceedings of the International Astronomical Union, 2013, 9, 345-348. | 0.0 | 0 |
| 125 | Stellar Observations Network Group: The prototype is nearly ready. Proceedings of the International Astronomical Union, 2013, 9, 69-75. | 0.0 | 10 |
| 126 | CHARACTERIZING TWO SOLAR-TYPE KEPLER SUBGIANTS WITH ASTEROSEISMOLOGY: KIC 10920273 AND KIC 11395018. Astrophysical Journal, 2013, 763, 49. | 1.6 | 22 |

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|-----|---|------|-----------|
| 127 | KEPLER-68: THREE PLANETS, ONE WITH A DENSITY BETWEEN THAT OF EARTH AND ICE GIANTS. <i>Astrophysical Journal</i> , 2013, 766, 40. | 1.6 | 106 |
| 128 | Fast core rotation in red-giant stars as revealed by gravity-dominated mixed modes. <i>Nature</i> , 2012, 481, 55-57. | 13.7 | 383 |
| 129 | PLANET OCCURRENCE WITHIN 0.25 AU OF SOLAR-TYPE STARS FROM <i>KEPLER</i>. <i>Astrophysical Journal</i> , Supplement Series, 2012, 201, 15. | 3.0 | 871 |
| 130 | Kepler-36: A Pair of Planets with Neighboring Orbits and Dissimilar Densities. <i>Science</i> , 2012, 337, 556-559. | 6.0 | 335 |
| 131 | VERIFYING ASTEROSEISMICALLY DETERMINED PARAMETERS OF <i>KEPLER</i> STARS USING <i>HIPPARCOS</i> PARALLAXES: SELF-CONSISTENT STELLAR PROPERTIES AND DISTANCES. <i>Astrophysical Journal</i> , 2012, 757, 99. | 1.6 | 151 |
| 132 | SOLVING THE MODE IDENTIFICATION PROBLEM IN ASTEROSEISMOLOGY OF F STARS OBSERVED WITH <i>KEPLER</i>. <i>Astrophysical Journal Letters</i> , 2012, 751, L36. | 3.0 | 41 |
| 133 | Oscillation mode frequencies of 61 main-sequence and subgiant stars observed by <i>Kepler</i>. <i>Astronomy and Astrophysics</i> , 2012, 543, A54. | 2.1 | 126 |
| 134 | FUNDAMENTAL PROPERTIES OF STARS USING ASTEROSEISMOLOGY FROM <i>KEPLER</i> AND <i>CoRoT</i> AND INTERFEROMETRY FROM THE CHARA ARRAY. <i>Astrophysical Journal</i> , 2012, 760, 32. | 1.6 | 206 |
| 135 | SEISMIC EVIDENCE FOR A RAPIDLY ROTATING CORE IN A LOWER-GIANT-BRANCH STAR OBSERVED WITH <i>KEPLER</i>. <i>Astrophysical Journal</i> , 2012, 756, 19. | 1.6 | 290 |
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