

Savita Mathur

List of Publications by Year in descending order

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Version: 2024-02-01

258
papers

23,418
citations

7568

77
h-index

8866

145
g-index

262
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262
docs citations

262
times ranked

10835
citing authors

#	ARTICLE	IF	CITATIONS
1	Detections of solar-like oscillations in dwarfs and subgiants with <i>Kepler</i> DR25 short-cadence data. <i>Astronomy and Astrophysics</i> , 2022, 657, A31.	5.1	14
2	Study of chemically peculiar stars. High-resolution spectroscopy and <i>K2</i> photometry of Am stars in the region of M44. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5854-5871.	4.4	2
3	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.	4.7	22
4	TESS asteroseismology of the Kepler red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 1677-1686.	4.4	24
5	The K2 Galactic Archaeology Program Data Release 3: Age-abundance Patterns in C1-C8 and C10-C18. <i>Astrophysical Journal</i> , 2022, 926, 191.	4.5	19
6	The Seventeenth Data Release of the Sloan Digital Sky Surveys: Complete Release of MaNGA, MaStar, and APOGEE-2 Data. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 35.	7.7	405
7	K2-99 revisited: a non-inflated warm Jupiter, and a temperate giant planet on a 522-d orbit around a subgiant. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 5035-5049.	4.4	5
8	A Radial Velocity Study of the Planetary System of ϵ Mensae: Improved Planet Parameters for ϵ Mensae c and a Third Planet on a 125 Day Orbit. <i>Astronomical Journal</i> , 2022, 163, 223.	4.7	7
9	An Intermediate-age Alpha-rich Galactic Population in K2. <i>Astronomical Journal</i> , 2021, 161, 100.	4.7	8
10	ROOSTER: a machine-learning analysis tool for <i>Kepler</i> stellar rotation periods. <i>Astronomy and Astrophysics</i> , 2021, 647, A125.	5.1	15
11	Probing the internal magnetism of stars using asymptotic magneto-asteroseismology. <i>Astronomy and Astrophysics</i> , 2021, 647, A122.	5.1	20
12	Spectroscopic and seismic analysis of red giants in eclipsing binaries discovered by <i>Kepler</i>. <i>Astronomy and Astrophysics</i> , 2021, 648, A113.	5.1	22
13	Magnetic signatures on mixed-mode frequencies. <i>Astronomy and Astrophysics</i> , 2021, 650, A53.	5.1	26
14	Surface Rotation and Photometric Activity for Kepler Targets. II. G and F Main-sequence Stars and Cool Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , 2021, 255, 17.	7.7	64
15	Brightness Fluctuation Spectra of Sun-like Stars. I. The Mid-frequency Continuum. <i>Astrophysical Journal</i> , 2021, 916, 66.	4.5	2
16	On the relation between active-region lifetimes and the autocorrelation function of light curves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 267-278.	4.4	9
17	A calibration of the Rossby number from asteroseismology. <i>Astronomy and Astrophysics</i> , 2021, 652, L2.	5.1	18
18	37 new validated planets in overlapping <i>K2</i> campaigns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 195-218.	4.4	15

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19	X-Ray Sources in the 1.75 Ms Ultra Narrow Deep Field Observed by XMM-Newton. <i>Astrophysical Journal</i> , 2021, 919, 18.	4.5	1
20	Prospects for Galactic and stellar astrophysics with asteroseismology of giant stars in the <i>TESS</i> continuous viewing zones and beyond. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 1947-1966.	4.4	30
21	TOI-257b (HD 19916b): a warm sub-saturn orbiting an evolved F-type star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3704-3722.	4.4	33
22	The Occurrence of Rocky Habitable-zone Planets around Solar-like Stars from Kepler Data. <i>Astronomical Journal</i> , 2021, 161, 36.	4.7	96
23	Asteroseismology of iota Draconis and Discovery of an Additional Long-period Companion. <i>Astronomical Journal</i> , 2021, 162, 211.	4.7	7
24	Magnetic and Rotational Evolution of ϵ -CrB from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2021, 921, 122.	4.5	12
25	GJ 367b: A dense, ultrashort-period sub-Earth planet transiting a nearby red dwarf star. <i>Science</i> , 2021, 374, 1271-1275.	12.6	30
26	TESS Asteroseismology of $\hat{\iota}$ Mensae: Benchmark Ages for a G7 Dwarf and Its M Dwarf Companion. <i>Astrophysical Journal</i> , 2021, 922, 229.	4.5	14
27	Precise mass and radius of a transiting super-Earth planet orbiting the M dwarf TOI-1235: a planet in the radius gap?. <i>Astronomy and Astrophysics</i> , 2020, 639, A132.	5.1	33
28	The TOI-763 system: sub-Neptunes orbiting a Sun-like star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 4503-4517.	4.4	14
29	K2-280â€‰b â€œ a low density warm sub-Saturn around a mildly evolved star. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 4423-4435.	4.4	2
30	Intensive disc-reverberation mapping of Fairall 9: first year of <i>Swift</i> and LCO monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 5399-5416.	4.4	48
31	What future awaits the Sun?. <i>Science</i> , 2020, 368, 466-467.	12.6	1
32	Chemical Evolution in the Milky Way: Rotation-based Ages for APOGEE-Kepler Cool Dwarf Stars. <i>Astrophysical Journal</i> , 2020, 888, 43.	4.5	29
33	TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. <i>Astronomical Journal</i> , 2020, 159, 151.	4.7	29
34	TESS Spots a Hot Jupiter with an Inner Transiting Neptune. <i>Astrophysical Journal Letters</i> , 2020, 892, L7.	8.3	37
35	It Takes Two Planets in Resonance to Tango around K2-146. <i>Astronomical Journal</i> , 2020, 159, 120.	4.7	14
36	The 16th Data Release of the Sloan Digital Sky Surveys: First Release from the APOGEE-2 Southern Survey and Full Release of eBOSS Spectra. <i>Astrophysical Journal, Supplement Series</i> , 2020, 249, 3.	7.7	826

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37	Detection and Characterization of Oscillating Red Giants: First Results from the TESS Satellite. <i>Astrophysical Journal Letters</i> , 2020, 889, L34.	8.3	37
38	Age dating of an early Milky Way merger via asteroseismology of the naked-eye star $\hat{1}/2$ Indi. <i>Nature Astronomy</i> , 2020, 4, 382-389.	10.1	46
39	Mass determinations of the three mini-Neptunes transiting TOI-125. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 5399-5412.	4.4	28
40	TOI-132: A short-period planet in the Neptune desert transiting a $V = 11.3$ G-type star.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 973-985.	4.4	19
41	Three planets transiting the evolved star EPIC 249893012: a hot $8.8 M_{\oplus}$ super-Earth and two warm 14.7 and $10.2 M_{\oplus}$ sub-Neptunes. <i>Astronomy and Astrophysics</i> , 2020, 636, A89.	5.1	9
42	The Sixth Data Release of the Radial Velocity Experiment (Rave). II. Stellar Atmospheric Parameters, Chemical Abundances, and Distances. <i>Astronomical Journal</i> , 2020, 160, 83.	4.7	96
43	The Sixth Data Release of the Radial Velocity Experiment (RAVE). I. Survey Description, Spectra, and Radial Velocities. <i>Astronomical Journal</i> , 2020, 160, 82.	4.7	85
44	The Multiplanet System TOI-421: A Warm Neptune and a Super Puffy Mini-Neptune Transiting a G9 V Star in a Visual Binary*. <i>Astronomical Journal</i> , 2020, 160, 114.	4.7	17
45	The Evolution of Rotation and Magnetic Activity in 94 Aqr Aa from Asteroseismology with TESS. <i>Astrophysical Journal</i> , 2020, 900, 154.	4.5	18
46	Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548. <i>Astrophysical Journal</i> , 2020, 902, 74.	4.5	22
47	The K2 Galactic Archaeology Program Data Release 2: Asteroseismic Results from Campaigns 4, 6, and 7. <i>Astrophysical Journal, Supplement Series</i> , 2020, 251, 23.	7.7	22
48	The Impact of a Fossil Magnetic Field on Dipolar Mixed-Mode Frequencies in Sub- and Red-Giant Stars. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 251-257.	0.3	0
49	A Comparison of Global Helioseismic-Instrument Performances: Solar-SONG, GOLF and VIRGO. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 327-328.	0.3	1
50	On the Limits of Seismic Inversions for Radial Differential Rotation of Solar-Type Stars. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 269-271.	0.3	0
51	Surface Rotation and Magnetic Activity of Solar-Like Stars: Impact on Seismic Detections. <i>Thirty Years of Astronomical Discovery With UKIRT</i> , 2020, , 115-120.	0.3	1
52	TESS asteroseismology of the known planet host star $\hat{2}$ Fornacis. <i>Astronomy and Astrophysics</i> , 2020, 641, A25.	5.1	16
53	Robust asteroseismic properties of the bright planet host HD 38529. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 6084-6093.	4.4	8
54	Masses and ages for metal-poor stars. <i>Astronomy and Astrophysics</i> , 2019, 627, A173.	5.1	32

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55	Space Telescope and Optical Reverberation Mapping Project. X. Understanding the Absorption-line Holiday in NGC 5548. <i>Astrophysical Journal</i> , 2019, 877, 119.	4.5	35
56	TESS Asteroseismology of the Known Red-giant Host Stars HD 212771 and HD 203949. <i>Astrophysical Journal</i> , 2019, 885, 31.	4.5	28
57	Surface Rotation and Photometric Activity for <i>Kepler</i> Targets. I. M and K Main-sequence Stars. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 21.	7.7	74
58	The First Swift Intensive AGN Accretion Disk Reverberation Mapping Survey. <i>Astrophysical Journal</i> , 2019, 870, 123.	4.5	115
59	A Hot Saturn Orbiting an Oscillating Late Subgiant Discovered by TESS. <i>Astronomical Journal</i> , 2019, 157, 245.	4.7	72
60	The Transiting Multi-planet System HD15337: Two Nearly Equal-mass Planets Straddling the Radius Gap. <i>Astrophysical Journal Letters</i> , 2019, 876, L24.	8.3	29
61	A search for red giant solar-like oscillations in all Kepler data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 5616-5630.	4.4	29
62	HD 219666 b: a hot-Neptune from TESS Sector 1. <i>Astronomy and Astrophysics</i> , 2019, 623, A165.	5.1	29
63	Oscillations in the Sun with SONG: Setting the scale for asteroseismic investigations. <i>Astronomy and Astrophysics</i> , 2019, 623, L9.	5.1	12
64	Detection and characterization of an ultra-dense sub-Neptunian planet orbiting the Sun-like star K2-292. <i>Astronomy and Astrophysics</i> , 2019, 623, A114.	5.1	11
65	Revisiting the Impact of Stellar Magnetic Activity on the Detectability of Solar-Like Oscillations by Kepler. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	33
66	FliPer _{Class} : In search of solar-like pulsators among TESS targets. <i>Astronomy and Astrophysics</i> , 2019, 624, A79.	5.1	8
67	The K2 Galactic Caps Project “going beyond the Kepler field and ageing the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4465-4480.	4.4	24
68	Greening of the brown-dwarf desert. <i>Astronomy and Astrophysics</i> , 2019, 628, A64.	5.1	19
69	Influence of Magnetic Activity on the Determination of Stellar Parameters Through Asteroseismology. <i>Frontiers in Astronomy and Space Sciences</i> , 2019, 6, .	2.8	13
70	A giant impact as the likely origin of different twins in the Kepler-107 exoplanet system. <i>Nature Astronomy</i> , 2019, 3, 416-423.	10.1	64
71	Signatures of Magnetic Activity: On the Relation between Stellar Properties and p-mode Frequency Variations. <i>Astrophysical Journal</i> , 2019, 883, 65.	4.5	10
72	Core–Envelope Coupling in Intermediate-mass Core-helium Burning Stars. <i>Astrophysical Journal</i> , 2019, 887, 203.	4.5	19

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73	The Influence of Metallicity on Stellar Differential Rotation and Magnetic Activity. <i>Astrophysical Journal</i> , 2018, 852, 46.	4.5	67
74	The ultraviolet spectroscopic evolution of the low-luminosity tidal disruption event iPTF16fnl. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 1130-1144.	4.4	54
75	FliPer: A global measure of power density to estimate surface gravities of main-sequence solar-like stars and red giants. <i>Astronomy and Astrophysics</i> , 2018, 620, A38.	5.1	26
76	The Second APOKASC Catalog: The Empirical Approach. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 32.	7.7	183
77	TESS's first planet. <i>Astronomy and Astrophysics</i> , 2018, 619, L10.	5.1	86
78	Probing black hole accretion in quasar pairs at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 477, 780-790.	4.4	9
79	The Changing-look Quasar Mrk 590 Is Awakening. <i>Astrophysical Journal</i> , 2018, 866, 123.	4.5	36
80	The <i>Gaia</i>-ESO Survey: properties of newly discovered Li-rich giants. <i>Astronomy and Astrophysics</i> , 2018, 617, A4.	5.1	34
81	HD 89345: a bright oscillating star hosting a transiting warm Saturn-sized planet observed by K2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4866-4880.	4.4	25
82	The Kepler Follow-up Observation Program. II. Stellar Parameters from Medium- and High-resolution Spectroscopy. <i>Astrophysical Journal</i> , 2018, 861, 149.	4.5	32
83	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.	7.7	316
84	Probing the Anisotropy of the Milky Way Gaseous Halo-II: Sightline toward Mrk 509. <i>Astrophysical Journal</i> , 2017, 836, 243.	4.5	29
85	Galactic archaeology with asteroseismology and spectroscopy: Red giants observed by CoRoT and APOGEE. <i>Astronomy and Astrophysics</i> , 2017, 597, A30.	5.1	84
86	A decade of warm hot intergalactic medium searches: Where do we stand and where do we go?. <i>Astronomische Nachrichten</i> , 2017, 338, 281-286.	1.2	37
87	<i>Kepler</i> observations of the asteroseismic binary HD 176465. <i>Astronomy and Astrophysics</i> , 2017, 601, A82.	5.1	28
88	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. <i>Astrophysical Journal</i> , 2017, 837, 131.	4.5	93
89	Swift Monitoring of NGC 4151: Evidence for a Second X-Ray/UV Reprocessing. <i>Astrophysical Journal</i> , 2017, 840, 41.	4.5	98
90	The Correlation between Mixing Length and Metallicity on the Giant Branch: Implications for Ages in the Gaia Era. <i>Astrophysical Journal</i> , 2017, 840, 17.	4.5	80

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91	Characterizing solar-type stars from full-length <i>Kepler </i>data sets using the Asteroseismic Modeling Portal. <i>Astronomy and Astrophysics</i> , 2017, 601, A67.	5.1	55
92	Evidence for compact binary systems around Kepler red giants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 3802-3812.	4.4	19
93	Lithium abundance and rotation of seismic solar analogues. <i>Astronomy and Astrophysics</i> , 2017, 602, A63.	5.1	28
94	Revised Stellar Properties of Kepler Targets for the Q1-17 (DR25) Transit Detection Run. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 30.	7.7	263
95	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT.VI. REVERBERATING DISK MODELS FOR NGC 5548. <i>Astrophysical Journal</i> , 2017, 835, 65.	4.5	68
96	Spin alignment of stars in old open clusters. <i>Nature Astronomy</i> , 2017, 1, .	10.1	63
97	PLATO <i>as it is</i>: A legacy mission for Galactic archaeology. <i>Astronomische Nachrichten</i> , 2017, 338, 644-661.	1.2	61
98	Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy. <i>Astrophysical Journal</i> , 2017, 846, 55.	4.5	33
99	Asteroseismology and Gaia: Testing Scaling Relations Using 2200 Kepler Stars with TGAS Parallaxes. <i>Astrophysical Journal</i> , 2017, 844, 102.	4.5	185
100	Evolution of Co-existing Long and Short Period Stellar Activity Cycles. <i>Astrophysical Journal</i> , 2017, 845, 79.	4.5	63
101	The 13th Data Release of the Sloan Digital Sky Survey: First Spectroscopic Data from the SDSS-IV Survey Mapping Nearby Galaxies at Apache Point Observatory. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 25.	7.7	406
102	THE K2 GALACTIC ARCHAEOLOGY PROGRAM DATA RELEASE I: ASTEROSEISMIC RESULTS FROM CAMPAIGN 1. <i>Astrophysical Journal</i> , 2017, 835, 83.	4.5	85
103	The Apache Point Observatory Galactic Evolution Experiment (APOGEE). <i>Astronomical Journal</i> , 2017, 154, 94.	4.7	1,065
104	Hubble Space Telescope observations of BALQSO Ton 34 reveal a connection between the broad-line region and the BAL outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3607-3614.	4.4	2
105	The First APOKASC Catalog of Kepler Dwarf and Subgiant Stars. <i>Astrophysical Journal, Supplement Series</i> , 2017, 233, 23.	7.7	121
106	On the signatures of flare-induced global waves in the Sun: GOLF and VIRGO observations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 4677-4686.	4.4	5
107	Probing the Deep End of the Milky Way with New Oscillating Kepler Giants. <i>EPJ Web of Conferences</i> , 2017, 160, 05001.	0.3	0
108	Formation history of open clusters constrained by detailed asteroseismology of red giant stars observed byKepler. <i>EPJ Web of Conferences</i> , 2017, 160, 05002.	0.3	0

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109	Rotation and magnetic activity of oscillating solar-like stars with the Kepler mission. EPJ Web of Conferences, 2017, 152, 05011.	0.3	0
110	Red giants observed by CoRoT and APOGEE: The evolution of the Milky Way's radial metallicity gradient. Astronomy and Astrophysics, 2017, 600, A70.	5.1	102
111	Starspot signature on the light curve. Astronomy and Astrophysics, 2017, 599, A1.	5.1	26
112	Effect of Kepler calibration on global seismic and background parameters. EPJ Web of Conferences, 2017, 160, 01007.	0.3	1
113	Learning about the latitudinal distribution of starspots through the periodogram analysis of photometric data. EPJ Web of Conferences, 2017, 160, 02012.	0.3	0
114	Surface rotation of Kepler red giant stars. Astronomy and Astrophysics, 2017, 605, A111.	5.1	79
115	Metallicity effect on stellar granulation detected from oscillating red giants in open clusters. Astronomy and Astrophysics, 2017, 605, A3.	5.1	42
116	Seismic inference of 57 stars using full-length Kepler data sets. EPJ Web of Conferences, 2017, 160, 03007.	0.3	0
117	PROBING THE DEEP END OF THE MILKY WAY WITH KEPLER: ASTEROSEISMIC ANALYSIS OF 854 FAINT RED GIANTS MISCLASSIFIED AS COOL DWARFS. Astrophysical Journal, 2016, 827, 50.	4.5	42
118	Magnetic variability in the young solar analog KIC 10644253. Astronomy and Astrophysics, 2016, 589, A118.	5.1	46
119	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. III. OPTICAL CONTINUUM EMISSION AND BROADBAND TIME DELAYS IN NGC 5548. Astrophysical Journal, 2016, 821, 56.	4.5	200
120	A DISTANT ECHO OF MILKY WAY CENTRAL ACTIVITY CLOSES THE GALAXY'S BARYON CENSUS. Astrophysical Journal Letters, 2016, 828, L12.	8.3	47
121	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. IV. ANOMALOUS BEHAVIOR OF THE BROAD ULTRAVIOLET EMISSION LINES IN NGC 5548. Astrophysical Journal, 2016, 824, 11.	4.5	63
122	DETECTION OF SOLAR-LIKE OSCILLATIONS, OBSERVATIONAL CONSTRAINTS, AND STELLAR MODELS FOR $\hat{\iota}$, CYG, THE BRIGHTEST STAR OBSERVED BY THE KEPLER MISSION. Astrophysical Journal, 2016, 831, 17.	4.5	14
123	A DISTANT MIRROR: SOLAR OSCILLATIONS OBSERVED ON NEPTUNE BY THE KEPLER K2 MISSION. Astrophysical Journal Letters, 2016, 833, L13.	8.3	8
124	Rotation periods and seismic ages of KOIs " comparison with stars without detected planets from Kepler observations. Monthly Notices of the Royal Astronomical Society, 2016, 456, 119-125.	4.4	79
125	X-ray detection of warm ionized matter in the Galactic halo. Monthly Notices of the Royal Astronomical Society, 2016, 457, 676-694.	4.4	39
126	Weakened magnetic braking as the origin of anomalously rapid rotation in old field stars. Nature, 2016, 529, 181-184.	27.8	285

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127	Photospheric and chromospheric magnetic activity of seismic solar analogs. <i>Astronomy and Astrophysics</i> , 2016, 596, A31.	5.1	50
128	Gap interpolation by inpainting methods: Application to ground and space-based asteroseismic data. <i>Astronomy and Astrophysics</i> , 2015, 574, A18.	5.1	75
129	OSCILLATING RED GIANTS OBSERVED DURING CAMPAIGN 1 OF THE <i>KEPLER</i> K2 MISSION: NEW PROSPECTS FOR GALACTIC ARCHAEOLOGY. <i>Astrophysical Journal Letters</i> , 2015, 809, L3.	8.3	84
130	Towards age/rotation/magnetic activity relation with seismology. <i>EPJ Web of Conferences</i> , 2015, 101, 05005.	0.3	0
131	Young [$\hat{\alpha}$ /Fe]-enhanced stars discovered by CoRoT and APOGEE: What is their origin?. <i>Astronomy and Astrophysics</i> , 2015, 576, L12.	5.1	130
132	Red-giant stars in eccentric binaries. <i>EPJ Web of Conferences</i> , 2015, 101, 06004.	0.3	6
133	Extracting surface rotation periods of solar-likeKeplertargets. <i>EPJ Web of Conferences</i> , 2015, 101, 06016.	0.3	1
134	Analysis of the acoustic cut-off frequency and high-frequency peaks in six<i>Kepler</i>stars with stochastically excited pulsations. <i>Astronomy and Astrophysics</i> , 2015, 583, A74.	5.1	6
135	Young $\hat{\alpha}$ -enriched giant stars in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2230-2243.	4.4	133
136	DETECTION OF HIGH VELOCITY OUTFLOWS IN THE SEYFERT 1 GALAXY Mrk 590. <i>Astrophysical Journal</i> , 2015, 798, 4.	4.5	32
137	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. II.<i>SWIFT</i>AND<i>HST</i>REVERBERATION MAPPING OF THE ACCRETION DISK OF NGC 5548. <i>Astrophysical Journal</i> , 2015, 806, 129.	4.5	216
138	RAPID ROTATION OF LOW-MASS RED GIANTS USING APOKASC: A MEASURE OF INTERACTION RATES ON THE POST-MAIN-SEQUENCE. <i>Astrophysical Journal</i> , 2015, 807, 82.	4.5	53
139	THE ELEVENTH AND TWELFTH DATA RELEASES OF THE SLOAN DIGITAL SKY SURVEY: FINAL DATA FROM SDSS-III. <i>Astrophysical Journal, Supplement Series</i> , 2015, 219, 12.	7.7	1,877
140	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.	3.1	25
141	Photometric magnetic-activity metrics tested with the Sun: application to<i>Kepler</i>M dwarfs. <i>Journal of Space Weather and Space Climate</i> , 2014, 4, A15.	3.3	49
142	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.	5.1	40
143	PROPERTIES OF 42 SOLAR-TYPE <i>KEPLER</i> TARGETS FROM THE ASTEROSEISMIC MODELING PORTAL. <i>Astrophysical Journal, Supplement Series</i> , 2014, 214, 27.	7.7	121
144	On the line profile changes observed during the X2.2 class flare in the active region NOAA 11158. <i>Research in Astronomy and Astrophysics</i> , 2014, 14, 207-220.	1.7	4

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145	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
146	Rotation and magnetism of <i>Kepler</i> pulsating solar-like stars. <i>Astronomy and Astrophysics</i> , 2014, 572, A34.	5.1	218
147	THE MAN BEHIND THE CURTAIN: X-RAYS DRIVE THE UV THROUGH NIR VARIABILITY IN THE 2013 ACTIVE GALACTIC NUCLEUS OUTBURST IN NGC 2617. <i>Astrophysical Journal</i> , 2014, 788, 48.	4.5	1,277
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