

Branimir Sesar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2794326/publications.pdf>

Version: 2024-02-01

42
papers

7,937
citations

159585

30
h-index

276875

41
g-index

42
all docs

42
docs citations

42
times ranked

6673
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
2	The Milky Way Tomography with SDSS. I. Stellar Number Density Distribution. <i>Astrophysical Journal</i> , 2008, 673, 864-914.	4.5	1,020
3	The Milky Way Tomography with SDSS. II. Stellar Metallicity. <i>Astrophysical Journal</i> , 2008, 684, 287-325.	4.5	456
4	Exploring the Variable Sky with the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2007, 134, 2236-2251.	4.7	274
5	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. <i>Astrophysical Journal</i> , 2010, 716, 1-29.	4.5	185
6	LIGHT CURVE TEMPLATES AND GALACTIC DISTRIBUTION OF RR LYRAE STARS FROM SLOAN DIGITAL SKY SURVEY STRIPE 82. <i>Astrophysical Journal</i> , 2010, 708, 717-741.	4.5	174
7	THE SHAPE AND PROFILE OF THE MILKY WAY HALO AS SEEN BY THE CANADA-FRANCE-HAWAII TELESCOPE LEGACY SURVEY. <i>Astrophysical Journal</i> , 2011, 731, 4.	4.5	134
8	METAL ABUNDANCES, RADIAL VELOCITIES, AND OTHER PHYSICAL CHARACTERISTICS FOR THE RR LYRAE STARS IN THE KEPLER FIELD. <i>Astrophysical Journal</i> , 2013, 773, 181.	4.5	118
9	Machine-learned Identification of RR Lyrae Stars from Sparse, Multi-band Data: The PS1 Sample. <i>Astronomical Journal</i> , 2017, 153, 204.	4.7	112
10	THE RADIAL PROFILE AND FLATTENING OF THE MILKY WAY'S STELLAR HALO TO 80 kpc FROM THE SEGUE K-GIANT SURVEY. <i>Astrophysical Journal</i> , 2015, 809, 144.	4.5	98
11	A synoptic map of halo substructures from the Pan-STARRS1 3 π survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1759-1768.	4.4	97
12	EXPLORING THE VARIABLE SKY WITH LINEAR. II. HALO STRUCTURE AND SUBSTRUCTURE TRACED BY RR LYRAE STARS TO 30 kpc. <i>Astronomical Journal</i> , 2013, 146, 21.	4.7	88
13	A reinterpretation of the Triangulum-Andromeda stellar clouds: a population of halo stars kicked out of the Galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 676-685.	4.4	85
14	Two chemically similar stellar overdensities on opposite sides of the plane of the Galactic disk. <i>Nature</i> , 2018, 555, 334-337.	27.8	57
15	TRACING THE ORPHAN STREAM TO 55 kpc WITH RR LYRAE STARS. <i>Astrophysical Journal</i> , 2013, 776, 26.	4.5	54
16	FINDING, CHARACTERIZING, AND CLASSIFYING VARIABLE SOURCES IN MULTI-EPOCH SKY SURVEYS: QSOs AND RR LYRAE IN PS1 3 π DATA. <i>Astrophysical Journal</i> , 2016, 817, 73.	4.5	53
17	The >100 kpc Distant Spur of the Sagittarius Stream and the Outer Virgo Overdensity, as Seen in PS1 RR Lyrae Stars. <i>Astrophysical Journal Letters</i> , 2017, 844, L4.	8.3	53
18	Serendipitous discovery of a thin stellar stream near the Galactic bulge in the Pan-STARRS1 3 π Survey. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2014, 443, L84-L88.	3.3	51

#	ARTICLE	IF	CITATIONS
19	PTF1 J071912.13+485834.0: AN OUTBURSTING AM CVn SYSTEM DISCOVERED BY A SYNOPTIC SURVEY. <i>Astrophysical Journal</i> , 2011, 739, 68.	4.5	50
20	The Geometry of the Sagittarius Stream from Pan-STARRS1 $\bar{3}$ RR Lyrae. <i>Astrophysical Journal</i> , 2017, 850, 96.	4.5	48
21	Census of the Local Universe (CLU) Narrowband Survey. I. Galaxy Catalogs from Preliminary Fields. <i>Astrophysical Journal</i> , 2019, 880, 7.	4.5	43
22	WHY ARE RAPIDLY ROTATING M DWARFS IN THE PLEIADES SO (INFRA)RED? NEW PERIOD MEASUREMENTS CONFIRM ROTATION-DEPENDENT COLOR OFFSETS FROM THE CLUSTER SEQUENCE. <i>Astrophysical Journal</i> , 2016, 822, 81.	4.5	42
23	TEMPLATE RR LYRAE $H\dot{1}\pm$, $H\dot{1}^2$, AND $H\dot{1}^3$ VELOCITY CURVES. <i>Astronomical Journal</i> , 2012, 144, 114.	4.7	41
24	A Probabilistic Approach to Fitting Period \hat{e} luminosity Relations and Validating Gaia Parallaxes. <i>Astrophysical Journal</i> , 2017, 838, 107.	4.5	41
25	A <i>Gaia</i> -PS1-SDSS (GPS1) Proper Motion Catalog Covering 3/4 of the Sky. <i>Astrophysical Journal</i> , Supplement Series, 2017, 232, 4.	7.7	40
26	STACKING THE INVISIBLES: A GUIDED SEARCH FOR LOW-LUMINOSITY MILKY WAY SATELLITES. <i>Astrophysical Journal</i> , 2014, 793, 135.	4.5	37
27	SPENDING TOO MUCH TIME AT THE GALACTIC BAR: CHAOTIC FANNING OF THE OPHIUCHUS STREAM. <i>Astrophysical Journal</i> , 2016, 824, 104.	4.5	37
28	A Disk Origin for the Monoceros Ring and A13 Stellar Overdensities. <i>Astrophysical Journal</i> , 2018, 854, 47.	4.5	34
29	The Profile of the Galactic Halo from Pan-STARRS1 $\bar{3}$ RR Lyrae. <i>Astrophysical Journal</i> , 2018, 859, 31.	4.5	33
30	Exploring Halo Substructure with Giant Stars. XV. Discovery of a Connection between the Monoceros Ring and the Triangulum \hat{e} Andromeda Overdensity? [*] ^{\hat{e}} ^{\hat{e}} ^{\hat{e}} . <i>Astrophysical Journal</i> , 2017, 844, 74.	4.5	32
31	The Outer Halo of the Milky Way as Probed by RR Lyr Variables from the Palomar Transient Facility*. <i>Astrophysical Journal</i> , 2017, 849, 150.	4.5	31
32	THE NATURE AND ORBIT OF THE OPHIUCHUS STREAM. <i>Astrophysical Journal</i> , 2015, 809, 59.	4.5	26
33	Connecting the Milky Way potential profile to the orbital time-scales and spatial structure of the Sagittarius Stream. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 483, 4724-4741.	4.4	25
34	TWO DISTANT HALO VELOCITY GROUPS DISCOVERED BY THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2012, 755, 134.	4.5	19
35	SMHASH: anatomy of the Orphan Stream using RR Lyrae stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 570-587.	4.4	14
36	EVIDENCE OF FANNING IN THE OPHIUCHUS STREAM. <i>Astrophysical Journal Letters</i> , 2016, 816, L4.	8.3	9

#	ARTICLE	IF	CITATIONS
37	Disk Heating, Galactoseismology, and the Formation of Stellar Halos. <i>Galaxies</i> , 2017, 5, 44.	3.0	8
38	A Larger Extent for the Ophiuchus Stream. <i>Astronomical Journal</i> , 2020, 159, 287.	4.7	8
39	The Extended Gaiaâ€“PS1â€“SDSS (GPS1+) Proper Motion Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 248, 28.	7.7	5
40	The Outer Galactic Halo As Probed By RR Lyr Stars From the Palomar Transient Facility + Keck. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 91-96.	0.0	3
41	Discovery of a Group of Receding, Variable Halo Stars toward Norma. <i>Astrophysical Journal</i> , 2017, 844, 159.	4.5	1
42	New Views From Galactoseismology: Rethinking the Galactic Disk-Halo Connection. <i>Proceedings of the International Astronomical Union</i> , 2017, 13, 185-188.	0.0	0