

Selcuk Bilir

List of Publications by Year in descending order

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111
papers

1,914
citations

236925

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315739

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111
docs citations

111
times ranked

1899
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatially Resolved Chandra Spectroscopy of Supernova Remnant DEM L71 in the Large Magellanic Cloud. Monthly Notices of the Royal Astronomical Society, 2022, 511, 5018-5031.	4.4	4
2	A Photometric and Astrometric Study of the Open Clusters NGC 1664 and NGC 6939. Astronomical Journal, 2022, 163, 191.	4.7	6
3	Outputs and Effects of Astronomy and Astrophysics Research in Turkey - I: 2020 Publications. , 2022, 3, 1-7.		1
4	A study of open clusters Frolov 1 and <scp>NGC</scp> 7510 using <scp>CCD UBV</scp> photometry and Gaia <scp>DR2</scp> astrometry. Astronomische Nachrichten, 2021, 342, 538-552.	1.2	5
5	On the zero point constant of the bolometric correction scale. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4231-4241.	4.4	3
6	A study of the Czernik 2 and NGC 7654 open clusters using CCD UBV photometric and Gaia EDR3 data. Astrophysics and Space Science, 2021, 366, 1.	1.4	8
7	Standard stellar luminosities: what are typical and limiting accuracies in the era after <i>Gaia</i>?. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3583-3592.	4.4	6
8	Empirical bolometric correction coefficients for nearby main-sequence stars in the <i>Gaia</i> era. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3887-3905.	4.4	44
9	Bridging the ultraviolet and optical regions: Transformation equations between GALEX and UBV photometric systems. Publications of the Astronomical Society of Australia, 2020, 37, .	3.4	1
10	Vilnius photometry and Gaia astrometry of Melotte 105. Journal of Astrophysics and Astronomy, 2020, 41, 1.	1.0	7
11	Multiwavelength Absolute Magnitudes and Colors of Red Clump Stars in the Gaia Era. Astrophysical Journal, 2020, 893, 108.	4.5	10
12	On the Origin of Metal-poor Stars in the Solar Neighborhood. Astrophysical Journal, 2020, 899, 41.	4.5	3
13	Kepler Binary Stars in the NGC 6819 Open Cluster: KIC 5113146 and KIC 5111815. Astronomical Journal, 2020, 160, 245.	4.7	2
14	Metallicity and absolute magnitude calibrations for F-G type main-sequence stars in the Gaia era. Astrophysics and Space Science, 2019, 364, 1.	1.4	2
15	Analysis of the disc components of our galaxy via kinematic and spectroscopic procedures. Publications of the Astronomical Society of Australia, 2019, 36, .	3.4	3
16	CCD UBV photometric and Gaia astrometric study of eight open clustersâ€”ASCC 115, Collinder 421, NGC 6793, NGC 7031, NGC 7039, NGC 7086, Roslund 1 and Stock 21. Astrophysics and Space Science, 2019, 364, 1.	1.4	14
17	Study of eclipsing binary and multiple systems in OB associations V: MQ Cen in Crux OB1. Astrophysics and Space Science, 2019, 364, 1.	1.4	1
18	Vertical and radial metallicity gradients in high latitude galactic fields with SDSS. Advances in Space Research, 2019, 63, 1360-1373.	2.6	5

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19	Line Identification of Atomic and Ionic Spectra of Holmium in the Visible Spectral Range. II. Spectrum of Ho ii and Ho iii. <i>Astrophysical Journal, Supplement Series</i> , 2019, 240, 28.	7.7	10
20	A Detailed Archival CHANDRA Study of the Young Core-collapse Supernova Remnant 1E 0102.2-7219 in the Small Magellanic Cloud. <i>Astrophysical Journal</i> , 2019, 873, 53.	4.5	14
21	Age-metallicity relation in solar vicinity from RGB stars. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
22	Transformation equations between GALEX and UBV photometric systems. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	0
23	Local stellar kinematics from RAVE dataâ€”VIII. Effects of the Galactic disc perturbations on stellar orbits of red clump stars. <i>Astrophysics and Space Science</i> , 2018, 363, 1.	1.4	4
24	Investigation of the vertical metallicity gradients in the Milky Way. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
25	Updated MS luminosity-radius-temperature-mass relations for solar neighborhood galactic disk stars. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
26	CCD UBV photometric study of five open clustersâ€”Dolidze 36, NGC 6728, NGC 6800, NGC 7209, and Platais 1. <i>Astrophysics and Space Science</i> , 2018, 363, 1.	1.4	11
27	Interrelated main-sequence massâ€”luminosity, massâ€”radius, and massâ€”effective temperature relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5491-5511.	4.4	133
28	Line Identification of Atomic and Ionic Spectra of Holmium in the Near-UV. II. Spectra of Ho ii and Ho iii. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 17.	7.7	11
29	Photometric calibration of the $[\hat{\pm} \alpha / \text{Fe}]$ element: II. Calibration with SDSS photometry. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	1.4	1
30	Metallicity calibration and photometric parallax estimation: II. SDSS photometry. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	1.4	6
31	Local Stellar Kinematics from RAVE dataâ€”VII. Metallicity Gradients from Red Clump Stars. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	3.4	9
32	Study of Eclipsing Binary and Multiple Systems in OB Associations IV: Cas OB6 Member DN Cas. <i>Publications of the Astronomical Society of Australia</i> , 2016, 33, .	3.4	5
33	Metallicity calibration and photometric parallax estimation: I. UBV photometry. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	10
34	CCD UBV photometry and kinematics of the open cluster NGC 225. <i>Advances in Space Research</i> , 2016, 58, 1900-1914.	2.6	10
35	Photometric calibration of the $[\hat{\pm} / \text{Fe} \text{ α}]$ element: I. Calibration with U B V \$UBV\$ photometry. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	3
36	CCD UBV $\text{math}\{UBV\}$ photometry of the open cluster NGC 6819. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	15

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37	Local Stellar Kinematics from RAVE Data â€“ VI. Metallicity Gradients Based on the Fâ€™G Main-Sequence Stars. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	6
38	A comprehensive study of the open cluster NGC 6866. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1095-1107.	4.4	20
39	Solar Space Density of the Red Clump Stars and the Scale-Length of the Thin Disc. Publications of the Astronomical Society of Australia, 2015, 32, .	3.4	3
40	MAIN-SEQUENCE EFFECTIVE TEMPERATURES FROM A REVISED MASSâ€™LUMINOSITY RELATION BASED ON ACCURATE PROPERTIES. Astronomical Journal, 2015, 149, 131.	4.7	106
41	CCD UBVRi photometry of NGC 6811. Astrophysics and Space Science, 2015, 355, 267-281.	1.4	19
42	TOWARD UNDERSTANDING THE NATURE OF THE YOUNG DETACHED BINARY SYSTEM HD 350731. Astronomical Journal, 2015, 150, 55.	4.7	2
43	The Galactic kinematics of cataclysmic variables. Astrophysics and Space Science, 2015, 357, 1.	1.4	4
44	Galactic model parameters of cataclysmic variables: Results from a new absolute magnitude calibration with 2MASS and WISE. New Astronomy, 2015, 34, 234-244.	1.8	12
45	A new ranking scheme for the institutional scientific performance. Journal of Scientometric Research, 2015, 4, 70.	0.6	2
46	STUDY OF ECLIPSING BINARY AND MULTIPLE SYSTEMS IN OB ASSOCIATIONS. II. THE CYGNUS OB REGION: V443 Cyg, V456 Cyg, AND V2107 Cyg. Astronomical Journal, 2014, 147, 149.	4.7	5
47	The Catalogue of Stellar Parameters from the Detached Double-Lined Eclipsing Binaries in the Milky Way. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	54
48	Transit timing analysis in the HAT-P-32 system. Monthly Notices of the Royal Astronomical Society, 2014, 441, 304-315.	4.4	42
49	Colour Transformations between $\langle i \rangle_{BVRc}$ and $\langle i \rangle_{gri}^2 \langle i \rangle_{rci}^2 \langle i \rangle_{ic}^2$ Photometric Systems for Giant Stars. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	2
50	Local Stellar Kinematics from RAVE data â€“ V. Kinematic Investigation of the Galaxy with Red Clump Stars. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	3
51	The early-type near-contact binary system V337 Aql revisited. New Astronomy, 2014, 28, 44-48.	1.8	7
52	Absolute Magnitude Calibration for Dwarfs Based on the Colourâ€™Magnitude Diagrams of Galactic Clusters. Publications of the Astronomical Society of Australia, 2014, 31, .	3.4	0
53	Research performance of Turkish astronomers in the period of 1980â€™2010. Scientometrics, 2013, 97, 477-489.	3.0	6
54	A new absolute magnitude calibration for red clump stars. New Astronomy, 2013, 23-24, 88-97.	1.8	11

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55	Absolute magnitude calibration for red clump stars. <i>Astrophysics and Space Science</i> , 2013, 346, 89-104.	1.4	6
56	Population types of cataclysmic variables in the solar neighbourhood. <i>New Astronomy</i> , 2013, 22, 7-14.	1.8	6
57	First identification and absolute magnitudes of the red clump stars in the Solar neighbourhood for WISE. <i>New Astronomy</i> , 2013, 25, 19-26.	1.8	19
58	Luminosity–colour relations for red clump stars. <i>Astrophysics and Space Science</i> , 2013, 344, 417-427.	1.4	9
59	Absolute Magnitude Calibration for Giants Based on the Colour–Magnitude Diagrams of Galactic Clusters. II. Calibration with SDSS. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	1
60	Absolute Magnitude Calibration for Red Giants Based on the Colour–Magnitude Diagrams of Galactic Clusters. III. Calibration with 2MASS. <i>Publications of the Astronomical Society of Australia</i> , 2013, 30, .	3.4	3
61	Transformations from WISE to 2MASS, SDSS and BVI Photometric Systems: II. Transformation Equations for Red-Clump Stars. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 121-131.	3.4	5
62	Absolute-Magnitude Calibration for Red Giants Based on Colour–Magnitude Diagrams of Galactic Clusters: I. Calibration in V and B–V. <i>Publications of the Astronomical Society of Australia</i> , 2012, 29, 509-522.	3.4	3
63	Local stellar kinematics from RAVE data - II. Radial metallicity gradient. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2844-2854.	4.4	38
64	Local stellar kinematics from RAVE data - III. Radial and vertical metallicity gradients based on red clump stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 3362-3374.	4.4	37
65	Age Dependent Angular Momentum, Orbital Period and Total Mass of Detached Binaries. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 464-465.	0.0	0
66	Kinematic Properties of Chromospheric Active Binary Stars. <i>Proceedings of the International Astronomical Union</i> , 2011, 7, 458-459.	0.0	0
67	An Improved Metallicity Calibration with UBV Photometry. <i>Publications of the Astronomical Society of Australia</i> , 2011, 28, 95-106.	3.4	29
68	Local stellar kinematics from RAVE data - I. Local standard of rest. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	4.4	79
69	Transformations between the WISE, 2MASS, SDSS and BVRI photometric systems - I. Transformation equations for dwarfs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2230-2238.	4.4	13
70	Identification of field dwarfs and giants in the second Radial Velocity Experiment Data Release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 444-455.	4.4	3
71	Study of Eclipsing Binary and Multiple Systems in OB Associations. I. Orion OB1a- IM Monocerotis. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 1079-1091.	2.5	3
72	CCD BV and 2MASS photometric study of the open cluster NGC 1513. <i>Astrophysics and Space Science</i> , 2010, 326, 139-150.	1.4	13

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73	Transformations between the 2MASS, SDSS, and <i>BVI</i> photometric systems for late-type giants. <i>Astronomische Nachrichten</i> , 2010, 331, 807-816.	1.2	4
74	The spectroscopic orbits of three double-lined eclipsing binaries: I. BG Ind, IM Mon, RS Sgr. <i>New Astronomy</i> , 2010, 15, 1-7.	1.8	7
75	The age of cataclysmic variables: A kinematical study. <i>New Astronomy</i> , 2010, 15, 491-508.	1.8	11
76	Absolute Dimensions and Apsidal Motion of the Young Detached System LT Canis Majoris. <i>Publication of the Astronomical Society of Japan</i> , 2010, 62, 1291-1299.	2.5	5
77	New absolute magnitude calibrations for WUrsa Majoris type binaries. <i>Astronomische Nachrichten</i> , 2009, 330, 68-76.	1.2	10
78	A universal vertical stellar density distribution law for the Galaxy. <i>Astrophysics and Space Science</i> , 2009, 324, 23-30.	1.4	1
79	SDSS absolute magnitudes for thin-disc stars based on trigonometric parallaxes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1589-1595.	4.4	14
80	Absolute parameters of the eclipsing binary V821 Cas from <i>UBVRI</i> light curves and radial velocities. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 1649-1656.	4.4	8
81	New absolute magnitude calibrations for detached binaries. <i>Astronomische Nachrichten</i> , 2008, 329, 835-844.	1.2	9
82	Spatial distribution and galactic model parameters of cataclysmic variables. <i>New Astronomy</i> , 2008, 13, 133-143.	1.8	46
83	Transformations between 2MASS, SDSS and <i>BVRI</i> photometric systems: bridging the near-infrared and optical. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1178-1188.	4.4	67
84	Formation and evolution of W Ursa Majoris stars: fallacies and corrections. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1756-1758.	4.4	14
85	A catalogue of chromospherically active binary stars (third edition). <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 389, 1722-1726.	4.4	88
86	Absolute dimensions and apsidal motion of the eccentric binary V731 Cephei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 399-407.	4.4	8
87	Luminosity-colour relations for thin-disc main-sequence stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, , .	4.4	0
88	Estimation of Galactic Model Parameters in High Latitudes with <i>SDSS</i> . <i>Publications of the Astronomical Society of Australia</i> , 2008, 25, 69-84.	3.4	37
89	Volume-Limited Dependent Galactic Model Parameters. <i>Publications of the Astronomical Society of Australia</i> , 2007, 24, 208-219.	3.4	16
90	Estimation of galactic model parameters with the Sloan Digital Sky Survey and the metallicity distribution in two fields in the anti-centre direction of the Galaxy. <i>Astronomische Nachrichten</i> , 2007, 328, 169-177.	1.2	14

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91	A new absolute magnitude calibration with 2MASS for cataclysmic variables. <i>New Astronomy</i> , 2007, 12, 446-453.	1.8	25
92	The metallicity distributions in high-latitudes with SDSS. <i>New Astronomy</i> , 2007, 12, 605-612.	1.8	21
93	Estimation of Galactic model parameters in high latitudes with 2MASS. <i>Astronomy and Astrophysics</i> , 2007, 464, 565-571.	5.1	31
94	Investigation of the ELAIS field by Vega photometry: absolute magnitude-dependent Galactic model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 366, 1295-1309.	4.4	32
95	Dynamical evolution of active detached binaries on the $\log g - \log M$ diagram and contact binary formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1483-1494.	4.4	73
96	Galactic longitude dependent galactic model parameters. <i>New Astronomy</i> , 2006, 12, 234-245.	1.8	33
97	Galactic model parameters for field giants separated from field dwarfs by their 2MASS and V apparent magnitudes. <i>Astronomische Nachrichten</i> , 2006, 327, 72-81.	1.2	19
98	Separation of dwarf and giant stars with ROTSE-I. <i>Astronomische Nachrichten</i> , 2006, 327, 693-697.	1.2	11
99	New Colour Transformations for the Sloan Photometry, and Revised Metallicity Calibration and Equations for Photometric Parallax Estimation. <i>Publications of the Astronomical Society of Australia</i> , 2005, 22, 24-28.	3.4	50
100	Kinematics of W Ursae Majoris type binaries and evidence of the two types of formation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 357, 497-517.	4.4	79
101	Kinematics, ages and metallicities for F- and G-type stars in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 360, 1345-1354.	4.4	27
102	Absolute magnitudes for late-type dwarf stars for Sloan photometry. <i>Astronomische Nachrichten</i> , 2005, 326, 321-331.	1.2	27
103	Kinematics of chromospherically active binaries and evidence of an orbital period decrease in binary evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1069-1092.	4.4	33
104	A different approach for the estimation of Galactic model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 307-320.	4.4	41
105	Analysis of UBV photometry in selected area 133. <i>Astronomische Nachrichten</i> , 2004, 325, 726-732.	1.2	0
106	Comprehensive Analysis of RGU Photometry in the Direction to M5. <i>Publications of the Astronomical Society of Australia</i> , 2004, 21, 275-283.	3.4	5
107	A charge-coupled device study of high-latitude Galactic structure: testing the model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 1013-1024.	4.4	29
108	A New Procedure for the Photometric Parallax Estimation. <i>Publications of the Astronomical Society of Australia</i> , 2003, 20, 270-278.	3.4	13

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109	New Metallicity Calibration Down to $[Fe/H] = \hat{\alpha}^{-2.75}$ dex. Publications of the Astronomical Society of Australia, 2003, 20, 165-172.	3.4	29
110	Mass loss and orbital period decrease in detached chromospherically active binaries. Monthly Notices of the Royal Astronomical Society, 0, 366, 1511-1519.	4.4	29
111	Local Stellar Kinematics from RAVE Data: IV. Solar Neighbourhood Ageâ€“Metallicity Relation. Publications of the Astronomical Society of Australia, 0, 30, .	3.4	10