Faruk Soydugan

List of Publications by Year
in descending order

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59 papers	1,028 citations	623734 14 h-index	454955 30 g-index
59 all docs	59 docs citations	59 times ranked	929 citing authors

#	Article	IF	Citations
1	Interrelated main-sequence massâ€“luminosity, massâ€“radius, and massâ€“effective temperature relations. Monthly Notices of the Royal Astronomical Society, 2018, 479, 5491-5511.	4.4	133
2	Catalogue of Algol type binary stars. Astronomy and Astrophysics, 2004, 417, 263-268.	5.1	116
3	MAIN-SEQUENCE EFFECTIVE TEMPERATURES FROM A REVISED MASSâ€“LUMINOSITY RELATION BASED ON ACCURATE PROPERTIES. Astronomical Journal, 2015, 149, 131.	4.7	106
4	Angular momentum evolution of Algol binaries. Monthly Notices of the Royal Astronomical Society, 2006, 373, 435-448.	4.4	101
5	A catalogue of chromospherically active binary stars (third edition). Monthly Notices of the Royal Astronomical Society, 2008, 389, 1722-1726.	4.4	88
6	A catalogue of close binaries located in the Î´ Scuti region of the Cepheid instability strip. Monthly Notices of the Royal Astronomical Society, 0, 370, 2013-2024.	4.4	65
7	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
8	The connection between the pulsational and orbital periods for eclipsing binary systems. Monthly Notices of the Royal Astronomical Society, 2006, 366, 1289-1294.	4.4	47
9	Empirical bolometric correction coefficients for nearby main-sequence stars in the Gaia era. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3887-3905.	4.4	44
10	Photometric investigation of hot exoplanets: TrES-3b and Qatar-1b. New Astronomy, 2017, 55, 39-47.	1.8	31
11	First period analyses of five neglected Algol-type eclipsing binaries: TT And, V342 Aql, RW Cap, BZ Cas and TW Lac. New Astronomy, 2007, 12, 613-621.	1.8	20
12	A spectroscopic study of the Algol-type binaries S Equulei and KO Aquilae: absolute parameters and mass transfer. Monthly Notices of the Royal Astronomical Society, 2007, 379, 1533-1545.	4.4	18
13	Alfven waves in the inner polar coronal hole. Monthly Notices of the Royal Astronomical Society, 2002, 336, 1195-1200.	4.4	17
14	Nature of the oscillating semi-detached eclipsing binary system IO Ursae Majoris. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3278-3287.	4.4	15
15	Orbital Period Changes of Algol-type Binaries: S Equulei and AB Cassiopeiae. Astronomical Journal, 2003, 126, 393-397.	4.7	14
16	A Binary Star with a Scuti Component: AB Cassiopeiae. Astronomical Journal, 2003, 126, 1933-1938.	4.7	14
17	A comprehensive photometric study of the Algol-type eclipsing binary: BG Pegasi. New Astronomy, 2011, 16, 72-78.	1.8	14
18	New absolute magnitude calibrations for detached binaries. Astronomische Nachrichten, 2008, 329, 835-844.	1.2	9

#	Article	IF	Citations
19	Period studies of classical Algol-type binaries II: UX Leo, RW Mon, EQ Ori, XZ UMa and AX Vul. New Astronomy, 2011, 16, 253-264.	1.8	9
20	A photometric study of the recently discovered eclipsing binary V899 Herculis. Astronomy and Astrophysics, 2002, 387, 240-243.	5.1	9
21	Possible third body effects in the period changes of four Algol binaries: RY Aqr, SZ Her, RV Lyr and V913 Oph. Astronomische Nachrichten, 2008, 329, 587-595.	1.2	8
22	An Algol type binary with aÎ´ Scuti component: RZ Cassiopeiae revisited. Astronomische Nachrichten, 2006, 327, 905-911.	1.2	7
23	The spectroscopic orbits of three double-lined eclipsing binaries: I. BG Ind, IM Mon, RS Sgr. New Astronomy, 2010, 15, 1-7.	1.8	7
24	The early-type near-contact binary system V337 Aql revisited. New Astronomy, 2014, 28, 44-48.	1.8	7
25	Oscillating classical Algol-type binary XZ Aql. New Astronomy, 2016, 46, 40-46.	1.8	7
26	The transient ultraluminous X-ray source, ULX-4, in M51. Monthly Notices of the Royal Astronomical Society, 2022, 510, 4355-4369.	4.4	7
27	Period studies of five neglected Algol-type binaries: RW Cet, BO Gem, DG Lac, SW Oph and WY Per. New Astronomy, 2010, 15, 628-636.	1.8	6
28	Standard stellar luminosities: what are typical and limiting accuracies in the era after Gaia?. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3583-3592.	4.4	6
29	Long-term orbital period behaviors of the neglected Algol type binaries: CC Herculis and XZ Aquilae. Astronomische Nachrichten, 2006, 327, 705-709.	1.2	5
30	The 2006/2007 photometric activity of three chromospherically active stars: V2075 Cyg, FG UMa and BM CVn. New Astronomy, 2009, 14, 545-555.	1.8	4
31	SX Aurigae: A close binary at the early stage of contact phase. New Astronomy, 2014, 30, 100-104.	1.8	4
32	The Galactic kinematics of cataclysmic variables. Astrophysics and Space Science, 2015, 357, 1.	1.4	4
33	A new photometric study of CW Cephei and its apsidal motion. Astronomische Nachrichten, 2004, 325, 336-342.	1.2	3
34	Photometric Study of the Binary System V397 Cephei. Publication of the Astronomical Society of Japan, 2005, 57, 335-339.	2.5	3
35	Photometry of three chromospherically active stars: V340 Gem, SAO 62042 and FI Cnc. New Astronomy, 2009, 14, 109-120.	1.8	3
36	The detached eclipsing binary TX Her revisited. New Astronomy, 2011, 16, 498-502.	1.8	3

#	ARTICLE	IF	CITATIONS
37	Identification of a new ultraluminous X-ray source in NGC 1316. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5682-5689.	4.4	3
38	On the zero point constant of the bolometric correction scale. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4231-4241.	4.4	3
39	A near-contact binary: CN Andromedae. Astronomische Nachrichten, 2005, 326, 127-133.	1.2	2
40	The first BVR light curves and period analysis of the eclipsing binary V821 Cas. New Astronomy, 2007, 12, 322-326.	1.8	2
41	TOWARD UNDERSTANDING THE NATURE OF THE YOUNG DETACHED BINARY SYSTEM HD 350731. Astronomical Journal, 2015, 150, 55.	4.7	2
42	Long-term orbital period behaviour of low mass ratio contact binaries GR Vir and FP Boo. AIP Conference Proceedings, 2017, , .	0.4	2
43	Investigation of near-contact semi-detached binary WUMi through observations and evolutionary models. Research in Astronomy and Astrophysics, 2020, 20, 052.	1.7	2
44	Kepler Binary Stars in the NGC 6819 Open Cluster: KIC 5113146 and KIC 5111815. Astronomical Journal, 2020, 160, 245.	4.7	2
45	Photometric analysis of Kepler contact binaries with large fill-out factors: KIC 3221207 and KIC 6677225. AIP Conference Proceedings, 2017, , .	0.4	1
46	CN Andromedae: a shallow contact binary with a possible tertiary component. Research in Astronomy and Astrophysics, 2019, 19, 010.	1.7	1
47	Preliminary results on the fundamental parameters of the eclipsing binary V398 Lacertae. Astronomische Nachrichten, 2007, 328, 536-542.	1.2	0
48	Spectroscopic Study of the Early-Type Binary HX Vel A. Proceedings of the International Astronomical Union, 2011, 7, 67-68.	0.0	0
49	Age Dependent Angular Momentum, Orbital Period and Total Mass of Detached Binaries. Proceedings of the International Astronomical Union, 2011, 7, 464-465.	0.0	0
50	Kinematic Properties of Chromospheric Active Binary Stars. Proceedings of the International Astronomical Union, 2011, 7, 458-459.	0.0	0
51	Investigation of orbital period changes of selected contact binaries. AIP Conference Proceedings, 2016, , .	0.4	0
52	Photometric analysis of the exoplanet containing system Kepler-491. AIP Conference Proceedings, 2017, , .	0.4	0
53	Precise analysis of two Kepler detached eclipsing binary stars KIC 3327980 and KIC 10156064. AIP Conference Proceedings, 2017, , .	0.4	0
54	Long-term orbital period behaviour of contact binaries V343 Ori and FZ Ori. AIP Conference Proceedings, 2017, , .	0.4	0

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55	Photometric study of a marginal contact binary SY Hor. AIP Conference Proceedings, 2017, , .	0.4	0
56	Analyses of some exoplanetsâ€™ transits and transit timing variations. AIP Conference Proceedings, 2017, , .	0.4	0
57	Transit analysis of the exoplanet host Kepler-485. Canadian Journal of Physics, 2018, 96, 685-687.	1.1	0
58	Updated MS luminosity-radius-temperature-mass relations for solar neighborhood galactic disk stars. AIP Conference Proceedings, 2018, , .	0.4	0
59	Analysis of ground-based observations of some exoplanets. Canadian Journal of Physics, 2018, 96, 681-684.	1.1	0