

Anatoly E Piskunov

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

2,858
citations

201674

27
h-index

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48
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62
all docs

62
docs citations

62
times ranked

2463
citing authors

#	ARTICLE	IF	CITATIONS
1	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2013, 558, A53.	5.1	545
2	Astrophysical parameters of Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2005, 438, 1163-1173.	5.1	500
3	Revisiting the population of Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2006, 445, 545-565.	5.1	195
4	Astrophysical supplements to the ASCC-2.5: I. Radial velocities of ~ 455000 stars and mean radial velocities of 516 Galactic open clusters and associations. <i>Astronomische Nachrichten</i> , 2007, 328, 889-896.	1.2	159
5	PPM-Extended (PPMX) – a catalogue of positions and proper motions. <i>Astronomy and Astrophysics</i> , 2008, 488, 401-408.	5.1	132
6	109 new Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2005, 440, 403-408.	5.1	127
7	A deep all-sky census of the Hyades. <i>Astronomy and Astrophysics</i> , 2011, 531, A92.	5.1	97
8	Tidal radii and masses of open clusters. <i>Astronomy and Astrophysics</i> , 2008, 477, 165-172.	5.1	85
9	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2012, 543, A156.	5.1	79
10	Towards absolute scales for the radii and masses of open clusters. <i>Astronomy and Astrophysics</i> , 2007, 468, 151-161.	5.1	79
11	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2016, 585, A101.	5.1	62
12	Exploring the origin of magnetic fields in massive stars: a survey of O-type stars in clusters and in the field. <i>Astronomy and Astrophysics</i> , 2011, 528, A151.	5.1	57
13	Astrophysical supplements to the ASCC-2.5. II. Membership probabilities in 520 Galactic open cluster sky areas. <i>Astronomische Nachrichten</i> , 2004, 325, 740-748.	1.2	56
14	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2014, 568, A51.	5.1	51
15	A study of the spatial stellar mass distribution in some young open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1988, 234, 831-845.	4.4	49
16	The initial luminosity and mass functions of the Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2008, 487, 557-566.	5.1	48
17	Shape parameters of Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2009, 495, 807-818.	5.1	42
18	Study of the Per OB2 star forming complex. <i>Astronomy and Astrophysics</i> , 2002, 387, 117-128.	5.1	37

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19	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2015, 581, A39.	5.1	35
20	On the determination of age and mass functions of stars in young open star clusters from the analysis of their luminosity functions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 349, 1449-1463.	4.4	33
21	A RAVE investigation on Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2014, 562, A54.	5.1	32
22	A RAVE investigation on Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2017, 600, A106.	5.1	31
23	Integrated α parameters and luminosity functions of 650 Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2009, 504, 681-688.	5.1	31
24	Reanalysis of nearby open clusters using <i>Gaia</i> DR1/TGAS and HSOY. <i>Astronomy and Astrophysics</i> , 2018, 615, A12.	5.1	30
25	Mass and age distributions of stars in young open clusters. <i>Monthly Notices of the Royal Astronomical Society</i> , 1986, 220, 383-403.	4.4	28
26	Population analysis of open clusters: radii and mass segregation. <i>Astronomy and Astrophysics</i> , 2006, 456, 523-534.	5.1	28
27	The extremely young open cluster NGC 6611: Compiled catalogue, absorption map and the HR diagram. <i>Astronomy and Astrophysics</i> , 1999, 134, 525-536.	2.1	28
28	Why simple stellar population models do not reproduce the colours of Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2009, 507, L5-L8.	5.1	21
29	The evolution of luminosity, colour, and the mass-to-luminosity ratio of Galactic open clusters. <i>Astronomy and Astrophysics</i> , 2011, 525, A122.	5.1	16
30	Global survey of star clusters in the Milky Way. <i>Astronomy and Astrophysics</i> , 2018, 614, A22.	5.1	15
31	The subsystem of open clusters in the post-hipparcos era: Cluster structural parameters and proper motions. <i>Astronomy Reports</i> , 2003, 47, 263-275.	0.9	14
32	The B Fields in OB Stars (BOB) Survey. <i>Proceedings of the International Astronomical Union</i> , 2014, 9, 342-347.	0.0	14
33	Study of the Per OB2 star-forming complex. <i>Astronomy and Astrophysics</i> , 2002, 384, 145-154.	5.1	14
34	Astrophysical supplements to the ASCC-2.5. I. Radial velocity data. <i>Astronomische Nachrichten</i> , 2004, 325, 439-444.	1.2	13
35	Open clusters and the galactic disk. <i>Astronomische Nachrichten</i> , 2010, 331, 519-525.	1.2	13
36	Collinder 135 and UBC 7: A physical pair of open clusters. <i>Astronomy and Astrophysics</i> , 2020, 642, L4.	5.1	12

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37	A spectral and photometric study of 102 star-forming regions in seven spiral galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 457, 3334-3355.	4.4	10
38	Population of the galactic disc in the solar neighbourhood. Astrophysics and Space Science, 1989, 151, 319-334.	1.4	9
39	Spectrum of Linê“Shu-type density waves in the Galaxy: a number of discrete spiral modes of collective oscillations?. Monthly Notices of the Royal Astronomical Society, 2015, 453, 1981-1989.	4.4	6
40	Stellar population in star formation regions of galaxies. Open Astronomy, 2018, 27, 98-111.	0.6	6
41	Optical extension of the 2MASS infrared catalog. Astronomy Letters, 2008, 34, 256-265.	1.0	5
42	Open star clusters in the Milky Way. Astronomy and Astrophysics, 2017, 606, L8.	5.1	4
43	The population of open clusters of the Galactic disc. Astronomical and Astrophysical Transactions, 2006, 25, 177-183.	0.2	2
44	WSO-UV project guide star catalogue: experimental verification of its photometric system. Astrophysics and Space Science, 2011, 335, 317-321.	1.4	2
45	Age and interstellar absorption in young star-formation regions in the galaxies NGC 1068, NGC 4449, NGC 4490, NGC 4631, and NGC 4656/57 derived from multicolor photometry. Astronomy Reports, 2008, 52, 714-728.	0.9	1
46	The initial luminosity and mass functions of Galactic open clusters. Proceedings of the International Astronomical Union, 2008, 4, 221-226.	0.0	1
47	Comparison of integrated photometric parameters of extragalactic star formation complexes and open star clusters in the Milky Way. Astronomy Letters, 2009, 35, 679-687.	1.0	1
48	A preliminary comparison of photometric (MWSC) and trigonometric (TGAS) distances of open cluster stars. Open Astronomy, 2017, 26, .	0.6	1
49	The evolutionary state of the chemically peculiar members of the open cluster NGCâ€‰%2516. Monthly Notices of the Royal Astronomical Society, 2022, 515, 3094-3104.	4.4	1
50	Evolution of luminosity function of faint stars. Astrophysics, 1989, 29, 720-725.	0.5	0
51	The Science Operations Centre for Spectrum-UV. Experimental Astronomy, 1997, 7, 377-384.	3.7	0
52	Schmidt plate survey in the Galactic centre and anticentre direction. Luminosity and mass functions of open clusters. Astronomische Nachrichten, 1998, 319, 173-181.	1.2	0
53	The Population of Open Clusters in the Nearest kpc from the Sun. Proceedings of the International Astronomical Union, 2007, 3, 115-116.	0.0	0
54	Tidal Radii and Masses of Galactic Open Clusters. Proceedings of the International Astronomical Union, 2007, 3, 117-118.	0.0	0

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55	Extragalactic star-forming regions and open clusters in the Milky Way. Proceedings of the International Astronomical Union, 2009, 5, 522-522.	0.0	0
56	An experimental test of the photometric calibration of the guide star catalog for the Spectrum-UV (WSO/UV) project. Astronomy Reports, 2011, 55, 13-18.	0.9	0
57	Global survey of star clusters in the Milky Way: The open cluster distance scale. Proceedings of the International Astronomical Union, 2012, 8, 394-397.	0.0	0
58	Reanalysis of 24 Nearby Open Clusters using Gaia data. Proceedings of the International Astronomical Union, 2017, 12, 281-282.	0.0	0
59	10.1007/s11443-008-4005-y. , 2010, 34, 256.		0
60	WSO-UV project guide star catalogue: experimental verification of its photometric system. , 2011, , 317-321.		0
61	Different Laws of Increasing of Stellar Dispersion: Observational Flaws or Natural Property of Stellar Population?. , 1996, , 433-434.		0