Valery Terebizh

List of Publications by Year
in descending order

59	197	1163117 8	1281871 11
papers	citations	h-index	g-index

62	62	62	60
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Algorithm for calculating anastigmatic three-mirror telescopes. II. Spherical primary mirror case. Experimental Astronomy, 2021, 51, 383.	3.7	1
2	Algorithm for calculating anastigmatic three-mirror telescopes. Experimental Astronomy, 2020, 49, 85-95.	3.7	6
3	Compact Survey Telescope with a Diameter of 3.6 m. Astronomical Journal, 2019, 158, 250.	4.7	0
4	Space Telescope Designed for Accurate Measurements. Astronomical Journal, 2017, 154, 244.	4.7	0
5	ON THE CAPABILITIES OF SURVEY TELESCOPES OF MODERATE SIZE. Astronomical Journal, 2016, 152, 121.	4.7	9
6	Allâ€spherical telescope with extremely wide field of view. Astronomische Nachrichten, 2016, 337, 571-575.	1.2	1
7	On the concept of a low-cost space system for detecting hazardous celestial bodies. Cosmic Research, 2015, 53, 89-97.	0.6	4
8	Autocollimating compensator for controlling aspheric optical surfaces. Monthly Notices of the Royal Astronomical Society, 2014, 440, 1824-1827.	4.4	0
9	Autocollimating compensator for controlling aspheric optical surfaces. I. Bulletin of the Crimean Astrophysical Observatory, 2014, 110, 132-137.	0.1	0
10	New designs of survey telescopes. Astronomische Nachrichten, 2011, 332, 714-742.	1.2	17
11	Stochastic models in classical and quantum mechanics. Bulletin of the Crimean Astrophysical Observatory, 2010, 106, 103-126.	0.1	0
12	Optical layout of the T-170M space telescope. Bulletin of the Crimean Astrophysical Observatory, 2008, 104, 171.	0.1	0
13	A purely reflective large wide-field telescope. Bulletin of the Crimean Astrophysical Observatory, 2008, 104, 179-186.	0.1	2
14	Wide-field corrector for a Gregorian telescope. Astronomy Reports, 2007, 51, 597-603.	0.9	2
15	Two-mirror Schwarzschild aplanats: Basic relations. Astronomy Letters, 2005, 31, 129-139.	1.0	3
16	A wide-field corrector at the prime focus of a Ritchey-ChrÃ©tien telescope. Astronomy Letters, 2004, 30, 200-208.	1.0	14
17	Quasi-optimal filtering in inverse problems. Astronomical and Astrophysical Transactions, 2004, 23, 85-93.	0.2	9
18	A visible-light AO system for the 4.2-m SOAR telescope. , 2003, 4839, 673.		13

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19	Optimal Baffle Design in a Cassegrain Telescope. Experimental Astronomy, 2001, 11, 171-191.	3.7	13
20	On the stability of the phase problem. Astronomy Letters, 2000, 26, 49-60.	1.0	0
21	Similarity law in spectral estimation of a time series. V. Astrophysics, 1998, 41, 198-201.	0.5	2
22	Similarity law in spectral estimation of a time series. IV. Astrophysics, 1998, 41, 73-79.	0.5	2
23	Similarity law in spectral estimation of a time series. III. Astrophysics, 1997, 40, 267-274.	0.5	0
24	Similarity law in the spectral estimation of a time series. I. Astrophysics, 1997, 40, 94-100.	0.5	0
25	Occamian approach in the image restoration and other inverse problems. International Journal of Imaging Systems and Technology, 1995, 6, 358-369.	4.1	6
26	The image randomness test for inverse problems. Astronomical and Astrophysical Transactions, 1995, 6, 37-57.	0.2	3
27	Image restoration with minimuma prioriinformation. Physics-Uspekhi, 1995, 38, 137-167.	2.2	9
28	On the problem of stable image restoration. Astrophysics and Space Science, 1994, 218, 65-86.	1.4	6
29	Statistical parameterization of inverse problems. Astrophysics and Space Science, 1992, 193, 269-288.	1.4	1
30	Maximum likelihood image restoration. VI. The Cramï¿½r-Rao limit of restoration efficiency. Astrophysics, 1992, 34, 114-123.	0.5	0
31	Maximum likelihood image restoration. VII. Wandering of image due to atmospheric turbulence and reconstruction in computerized tomography. Astrophysics, 1992, 34, 226-232.	0.5	2
32	Maximum likelihood image restoration. V. Incoherent fluxes. Astrophysics, 1992, 34, 56-63.	0.5	0
33	Maximum likelihood image restoration. III. Algorithm. One-dimensional test problems. Astrophysics, 1991, 33, 475-481.	0.5	0
34	Image restoration: Method-independent limit of efficiency and its realization. Astronomical and Astrophysical Transactions, 1991, 1, 3-29.	0.2	9
35	Maximum likelihood image restoration. II. Point and line spread functions. Astrophysics, 1991, 33, 358-367.	0.5	2
36	Maximum likelihood image restoration. IV. Limiting resolution for given alternative. Astrophysics, 1991, 33, 536-548.	0.5	1

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37	Flicker-noise model for optical fluctuations of NGC 4151. Astrophysics, 1990, 31, 460-467.	0.5	1
38	Maximal likelihood image restoration. I. Basic relations. Astrophysics, 1990, 32, 184-192.	0.5	2
39	Distribution of surface brightness in Seyfert galaxies. III. Analysis of data. Astrofizika, 1987, 25, 357-365.	0.0	1
40	Distribution of surface brightness in Seyfert galaxies. II. Multiaperture photometry. Astrofizika, 1986, 24, 241-248.	0.0	0
41	Distribution of surface brightness in seyfert galaxies. I. Sample. Results of scanning. Astrofizika, 1986, 24, 194-203.	0.0	0
42	Narrow-band photometry of normal and Seyfert galaxies. Astrofizika, 1983, 19, 1-7.	0.0	2
43	UBVR photometry of Seyfert galaxies. Astrofizika, 1982, 17, 358-362.	0.0	3
44	Luminosity function of Seyfert galaxies. Astrofizika, 1980, 16, 36-46.	0.0	1
45	Optical and infrared observations of SU Tau. Astrofizika, 1978, 14, 1-7.	0.0	4
46	Spectra of high-surface-brightness galaxies. Astrophysics, 1977, 12, 459-460.	0.5	1
47	Spectral observations of the galaxy NGC 1275. Astrophysics, 1977, 12, 275-283.	0.5	1
48	Luminosity function of quasistellar radio sources. Astrophysics, 1976, 11, 104-105.	0.5	1
49	Spectra of galaxies with high surface brightness. Astrophysics, 1975, 11, 422-424.	0.5	1
50	Source number as a function of the flux and the V/Vm method in the investigation of the evolution of quasistellar radio sources. Astrophysics, 1975, 9, 118-124.	0.5	1
51	Some characteristics of the flare activity of UV Ceti type stars. II. Astrophysics, 1973, 7, 164-171.	0.5	2
52	Softening of radiation by multiple compton scattering. Astrophysics, 1973, 6, 368-371.	0.5	1
53	Some characteristics of the flare activity of UV Cet type stars. I. Astrophysics, 1973, 7, 48-54.	0.5	11
54	Equation for the phase density in a system of gravitating points. Astrophysics, 1973, 6, 182-184.	0.5	0

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55	Polychromatic scattering of light in a half-space. Astrophysics, 1971, 5, 167-171.	0.5	1
56	Statistics of ?interacting? galaxies. Astrophysics, 1970, 4, 182-185.	0.5	0
57	Some nonlinear problems in the theory of radiation transfer within spectral lines. Astrophysics, 1969, 3, 129-132.	0.5	3
58	Nonstationary diffusion of radiation in a gas. Astrophysics, 1969, 4, 45-46.	0.5	4
59	Two-mirror aplanatic telescopes with a flat field. Experimental Astronomy, 0, , 1.	3.7	0