Peter A Voitsik

List of Publications by Year
in descending order

20 papers	669 citations	687363 13 h-index	794594 19 g-index
20 all docs	20 docs citations	20 times ranked	688 citing authors

#	Article	IF	Citations
1	â€œRadioAstronâ€•A telescope with a size of 300 000 km: Main parameters and first observational results. Astronomy Reports, 2013, 57, 153-194.	0.9	197
2	A wide and collimated radio jet in 3C84 on the scale of a few hundred gravitational radii. Nature Astronomy, 2018, 2, 472-477.	10.1	99
3	RADIOASTRON OBSERVATIONS OF THE QUASAR 3C273: A CHALLENGE TO THE BRIGHTNESS TEMPERATURE LIMIT. Astrophysical Journal Letters, 2016, 820, L9.	8.3	81
4	RELATIVISTIC JETS IN THE RADIO REFERENCE FRAME IMAGE DATABASE. II. BLAZAR JET ACCELERATIONS FROM THE FIRST 10 YEARS OF DATA (1994-2003). Astrophysical Journal, 2012, 758, 84.	4.5	58
5	The core shift effect in the blazar 3C 454.3. Monthly Notices of the Royal Astronomical Society, 2014, 437, 3396-3404.	4.4	40
6	EXTREME BRIGHTNESS TEMPERATURES AND REFRACTIVE SUBSTRUCTURE IN 3C 273 WITH RADIOASTRON. Astrophysical Journal Letters, 2016, 820, L10.	8.3	30
7	RadioAstron Science Program Five Years after Launch: Main Science Results. Solar System Research, 2017, 51, 535-554.	0.7	24
8	The extreme blazar AO 0235+164 as seen by extensive ground and space radio observations. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4994-5009.	4.4	23
9	Detection statistics of the RadioAstron AGN survey. Advances in Space Research, 2020, 65, 705-711.	2.6	21
10	RadioAstron space VLBI imaging of polarized radio emission in the high-redshift quasar 0642+449 at 1.6 GHz. Astronomy and Astrophysics, 2015, 583, A100.	5.1	20
11	The RadioAstron project: Measurements and analysis of basic parameters of space telescope in flight in 2011â€“2013. Cosmic Research, 2014, 52, 393-402.	0.6	18
12	The high brightness temperature of B0529+483 revealed by RadioAstron and implications for interstellar scattering. Monthly Notices of the Royal Astronomical Society, 2018, 474, 3523-3534.	4.4	15
13	RATAN-600 and RadioAstron reveal the neutrino-associated blazar TXSâ€˜0506+056 as a typical variable AGN. Advances in Space Research, 2020, 65, 745-755.	2.6	13
14	Frequency-Dependent Core Shifts in Ultracompact Quasars. Astronomy Reports, 2018, 62, 787-813.	0.9	9
15	RadioAstron orbit determination and evaluation of its results using correlation of space-VLBI observations. Advances in Space Research, 2020, 65, 798-812.	2.6	7
16	First estimate of the value of the instrumental polarization of the RadioAstron space radio telescope using the results of an early scientific program for observing active galactic nuclei. Cosmic Research, 2015, 53, 199-208.	0.6	5
17	First Space-VLBI Observations of Sagittarius A*. Astrophysical Journal Letters, 2021, 922, L28.	8.3	5
18	PKS 1954â€“388: RadioAstron Detection on 80,000 km Baselines and Multiwavelength Observations. Publications of the Astronomical Society of Australia, 2017, 34, .	3.4	3

#	Article	IF	Citations
19	Monitoring and control of onboard scientific equipment of the space radio telescope. Cosmic Research, 2015, 53, 186-192.	0.6	1
20	Do RadioAstron detections correlate with flaring states? An initial study of seven southern AGN. Advances in Space Research, 2020, 65, 739-744.	2.6	0