

# Jakub Ripa

## List of Publications by Year in descending order

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70  
papers

409  
citations

840776

11  
h-index

794594

19  
g-index

70  
all docs

70  
docs citations

70  
times ranked

566  
citing authors

#	ARTICLE	IF	CITATIONS
1	Space applications of GAGG:Ce scintillators: a study of afterglow emission by proton irradiation. Nuclear Instruments & Methods in Physics Research B, 2022, 513, 33-43.	1.4	12
2	Analysis of a tau neutrino origin for the near-horizon air shower events observed by the fourth flight of the Antarctic Impulsive Transient Antenna. Physical Review D, 2022, 105, .	4.7	4
3	Simulations of expected signal and background of gamma-ray sources by large field-of-view detectors aboard CubeSats. Journal of Astronomical Telescopes, Instruments, and Systems, 2021, 7, .	1.8	7
4	A search for ultrahigh-energy neutrinos associated with astrophysical sources using the third flight of ANITA. Journal of Cosmology and Astroparticle Physics, 2021, 2021, 017.	5.4	5
5	Detection of Low-Energy X-rays Using YSO Scintillation Crystal Arrays for GRB Experiments. Universe, 2021, 7, 396.	2.5	0
6	Constraints on the ultrahigh-energy cosmic neutrino flux from the fourth flight of ANITA. Physical Review D, 2019, 99, .	4.7	53
7	Update on testing the isotropy of the properties of gamma-ray bursts. Monthly Notices of the Royal Astronomical Society, 2019, 486, 3027-3040.	4.4	16
8	Estimation of the detected background by the future gamma ray transient mission CAMELOT. Astronomische Nachrichten, 2019, 340, 666-673.	1.2	5
9	Transient detection capabilities of small satellite gamma-ray detectors. Astronomische Nachrichten, 2019, 340, 681-689.	1.2	2
10	Performance study of a large CsI(Tl) scintillator with an MPPC readout for nanosatellites used to localize gamma-ray bursts. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2019, 924, 316-320.	1.6	8
11	UBAT of UFFO/Lomonosov: The X-Ray Space Telescope to Observe Early Photons from Gamma-Ray Bursts. Space Science Reviews, 2018, 214, 1.	8.1	8
12	UFFO/Lomonosov: The Payload for the Observation of Early Photons from Gamma Ray Bursts. Space Science Reviews, 2018, 214, 1.	8.1	5
13	The analogy of K-correction in the topic of gamma-ray bursts. Proceedings of the International Astronomical Union, 2018, 14, 380-382.	0.0	0
14	Gamma-ray bursts: A brief survey of the diversity. Proceedings of the International Astronomical Union, 2018, 14, 383-387.	0.0	0
15	Dynamic tunable notch filters for the Antarctic Impulsive Transient Antenna (ANITA). Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 894, 47-56.	1.6	8
16	CAMELOT: design and performance verification of the detector concept and localization capability. , 2018, , .		11
17	CAMELOT: Cubesats Applied for MEasuring and LOcalising Transients mission overview. , 2018, , .		12
18	The status of the second station of Taiwan Astroparticle Radiowave Observatory for Geo-synchrotron Emissions (TAROG-II). , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	Summary of Parallel Session: "Relativistic and Particle Astrophysics", 2017, , .		0
20	Testing the Isotropic Universe Using the Gamma-Ray Burst Data of Fermi/GBM. <i>Astrophysical Journal</i> , 2017, 851, 15.	4.5	19
21	Slewing mirror telescope of the UFFO-pathfinder: first report on performance in space. <i>Optics Express</i> , 2017, 25, 29143.	3.4	4
22	Gamma-Ray Bursts and their Relation to Astroparticle Physics and Cosmology. , 2017, , .		0
23	Comparison cosmic ray irradiation simulation and particle beam test on UFFO Burst Alert & Trigger telescope(UBAT) detectors. , 2017, , .		0
24	In-Situ Calibration of UFFO/Lomonosov for Observation of GRBs. , 2017, , .		0
25	Cosmic ray effect on the X-ray Trigger Telescope of UFFO/Lomonosov using YSO scintillation crystal array in space. , 2017, , .		0
26	On the Connection of Gamma-Ray Bursts and X-Ray Flashes. , 2017, , .		0
27	A new way of searching for transients: the ADWO method and its results. , 2017, , .		0
28	Design and implementation of the TAROGE experiment. <i>International Journal of Modern Physics D</i> , 2016, 25, 1645013.	2.1	6
29	On the connection of gamma-ray bursts and X-ray flashes in the BATSE and RHESSI databases. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	1.4	14
30	Inverted-conical light guide for crosstalk reduction in tightly-packed scintillator matrix and MAPMT assembly. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2015, 771, 55-65.	1.6	5
31	On the relation between the non-flat cosmological models and the elliptic integral of first kind. <i>Astronomy and Astrophysics</i> , 2015, 573, A54.	5.1	2
32	What is the Astrophysical Meaning of the Intermediate Subgroup of GRBs. , 2015, , .		0
33	Testing and Performance of UFFO Burst Alert & Trigger Telescope. , 2015, , .		0
34	The Status of the Ultra Fast Flash Observatory " Pathfinder. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 2014, 246-247, 29-33.	0.4	2
35	Slewing Mirror Telescope optics for the early observation of UV/optical photons from Gamma-Ray Bursts. <i>Optics Express</i> , 2013, 21, 2263.	3.4	27
36	Ultra-Fast Flash Observatory for the observation of early photons from gamma-ray bursts. <i>New Journal of Physics</i> , 2013, 15, 023031.	2.9	26

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37	The Slewing Mirror Telescope and the Data-Acquisition System for the UFFO-Pathfinder. EAS Publications Series, 2013, 61, 537-543.	0.3	0
38	Ultra-Fast Flash Observatory: Fast Response Space Missions for Early Time Phase of Gamma Ray Bursts. EAS Publications Series, 2013, 61, 501-515.	0.3	0
39	Design and implementation of electronics and data acquisition system for Ultra-Fast Flash Observatory. EAS Publications Series, 2013, 61, 567-571.	0.3	1
40	On the Properties of Spectral Lags and Peak-Count Rates of RHESSI Gamma-Ray Bursts. EAS Publications Series, 2013, 61, 79-81.	0.3	0
41	Design, Construction and Performance of the Detector for UFFO Burst Alert & Trigger Telescope. EAS Publications Series, 2013, 61, 525-529.	0.3	2
42	Development of Slewing Mirror Telescope Optical System for the UFFO-pathfinder. EAS Publications Series, 2013, 61, 561-565.	0.3	0
43	In-Flight Calibrations of UFFO-Pathfinder. EAS Publications Series, 2013, 61, 579-581.	0.3	0
44	Development of Motorized Slewing Mirror Stage for the UFFO Project. EAS Publications Series, 2013, 61, 573-577.	0.3	0
45	The Calibration and Simulation of the GRB trigger detector of the Ultra Fast Flash Observatory. EAS Publications Series, 2013, 61, 531-535.	0.3	0
46	THE UFFO SLEWING MIRROR TELESCOPE FOR EARLY OPTICAL OBSERVATION FROM GAMMA RAY BURSTS. Modern Physics Letters A, 2013, 28, 1340003.	1.2	4
47	ULTRA-FAST FLASH OBSERVATORY (UFFO) FOR OBSERVATION OF EARLY PHOTONS FROM GAMMA RAY BURSTS. , 2013, , .		0
48	THE UFFO SLEWING MIRROR TELESCOPE FOR EARLY OPTICAL OBSERVATION FROM GAMMA RAY BURSTS. , 2013, , .		0
49	A curious relation between the flat cosmological model and the elliptic integral of the first kind. Astronomy and Astrophysics, 2013, 556, A13.	5.1	8
50	Readout of the UFFO Slewing Mirror Telescope to detect UV/optical photons from Gamma-Ray Bursts. Journal of Instrumentation, 2013, 8, P07012-P07012.	1.2	5
51	Ultra-Fast Flash Observatory for observation of early photons from gamma ray bursts. , 2012, , .		0
52	ON THE SPECTRAL LAGS AND PEAK COUNTS OF THE GAMMA-RAY BURSTS DETECTED BY THE RHESSI SATELLITE. Astrophysical Journal, 2012, 756, 44.	4.5	27
53	The slewing mirror telescope of the Ultra Fast Flash Observatory Pathfinder. Proceedings of SPIE, 2012, , .	0.8	2
54	The readout system and the trigger algorithm implementation for the UFFO Pathfinder. Proceedings of SPIE, 2012, , .	0.8	1

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55	Design and implementation of the UFFO burst alert and trigger telescope. Proceedings of SPIE, 2012, , .	0.8	3
56	A next generation Ultra-Fast Flash Observatory (UFFO-100) for IR/optical observations of the rise phase of gamma-ray bursts. Proceedings of SPIE, 2012, , .	0.8	1
57	Cosmological effects on the observed flux and fluence distributions of gamma-ray bursts: Are the most distant bursts in general the faintest ones?. Astronomy and Astrophysics, 2011, 529, A55.	5.1	12
58	Cosmological effects on the observed flux and fluence distributions of gamma-ray bursts. Proceedings of the International Astronomical Union, 2011, 7, 385-386.	0.0	0
59	The Ultra-Fast Flash Observatory's space GRB mission and science. Proceedings of the International Astronomical Union, 2011, 7, 349-350.	0.0	0
60	On the properties of the RHESSI intermediate-duration gamma-ray bursts. , 2011, , .		0
61	Three different types of the gamma-ray bursts. , 2011, , .		0
62	Cosmology and the subclasses of the gamma-ray bursts. Proceedings of the International Astronomical Union, 2010, 6, 363-364.	0.0	0
63	Search for gamma-ray burst classes with the RHESSI satellite. Astronomy and Astrophysics, 2009, 498, 399-406.	5.1	38
64	Combined Swift BAT-XRT Lightcurves. , 2009, , .		0
65	Gamma-ray bursts in the early Universe. Proceedings of the International Astronomical Union, 2009, 5, 73-74.	0.0	0
66	A comparison of the gamma-ray bursts detected by BATSE and Swift. Astronomy and Astrophysics, 2009, 504, 67-71.	5.1	39
67	The RHESSI Satellite and Classes of Gamma-ray Bursts. AIP Conference Proceedings, 2008, , .	0.4	2
68	A Comparison of Gamma-ray Burst Subgroups Measured by RHESSI and BATSE. , 2008, , .		0
69	A Search for Gamma-ray Burst Subgroups in the SWIFT and RHESSI Databases. , 2008, , .		1
70	Statistical Analyses of RHESSI GRB Database. AIP Conference Proceedings, 2006, , .	0.4	1