

Rene Hudec

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

222
citations

1163117

8
h-index

996975

15
g-index

21
all docs

21
docs citations

21
times ranked

562
citing authors

#	ARTICLE	IF	CITATIONS
1	Spitzer Observations of the Predicted Eddington Flare from Blazar OJ 287. <i>Astrophysical Journal Letters</i> , 2020, 894, L1.	8.3	47
2	VZLUSAT-1: Nanosatellite with miniature lobster eye X-ray telescope and qualification of the radiation shielding composite for space application. <i>Acta Astronautica</i> , 2017, 140, 96-104.	3.2	39
3	The Unique Blazar OJ 287 and Its Massive Binary Black Hole Central Engine. <i>Universe</i> , 2019, 5, 108.	2.5	34
4	Accretion Disk Parameters Determined from the Great 2015 Flare of OJ 287. <i>Astrophysical Journal</i> , 2019, 882, 88.	4.5	25
5	Promise of Persistent Multi-Messenger Astronomy with the Blazar OJ 287. <i>Galaxies</i> , 2022, 10, 1.	3.0	18
6	Polarization and Spectral Energy Distribution in OJ 287 during the 2016/17 Outbursts. <i>Galaxies</i> , 2017, 5, 83.	3.0	16
7	Multi-messenger astrophysics with THESEUS in the 2030s. <i>Experimental Astronomy</i> , 2021, 52, 245-275.	3.7	12
8	Hexasphere—Redundantly Actuated Parallel Spherical Mechanism as a New Concept of Agile Telescope. <i>Advances in Astronomy</i> , 2010, 2010, 1-6.	1.1	10
9	Effective algorithm for ray-tracing simulations of lobster eye and similar reflective optical systems. <i>Experimental Astronomy</i> , 2016, 41, 377-392.	3.7	6
10	Directional-Sensitive X-ray/Gamma-ray Imager on Board the VZLUSAT-2 CubeSat for Wide Field-of-View Observation of GRBs in Low Earth Orbit. <i>Universe</i> , 2022, 8, 241.	2.5	4
11	Isodensity analysis of comets using the collection of digitized Engelhardt Astronomical Observatory photographic plates. <i>Astronomische Nachrichten</i> , 2019, 340, 698-704.	1.2	3
12	Small Spacecraft Payload Study for X-ray Astrophysics including GRB Science. <i>Universe</i> , 2022, 8, 144.	2.5	3
13	Optics for Nano-Satellite X-Ray Monitor. <i>Open Astronomy</i> , 2015, 24, .	0.6	2
14	Algebraic approach to non-separable two-dimensional Schrödinger equation: Ground states for polynomial and Morse-like potentials. <i>Open Physics</i> , 2014, 12, .	1.7	1
15	Astronomical photographic data archives: Recent status. <i>Astronomische Nachrichten</i> , 2019, 340, 690-697.	1.2	1
16	Perspectives of the LOBSTER-EYE monitor in the soft X-ray observing the Galactic center region. <i>Journal of High Energy Astrophysics</i> , 2022, 35, 69-76.	6.7	1
17	Astronomical Plate Archives and Binary Blazars Studies. <i>Journal of Astrophysics and Astronomy</i> , 2011, 32, 91-95.	1.0	0
18	Perspectives of observing the color indices of optical afterglows of gamma-ray bursts with ESA Gaia. <i>Experimental Astronomy</i> , 2017, 44, 129-146.	3.7	0

#	ARTICLE	IF	CITATIONS
19	European Space Agency SMILE and Czech participation. <i>Astronomische Nachrichten</i> , 2020, 341, 341-347.	1.2	0
20	ESA THESEUS and Czech participation. <i>Astronomische Nachrichten</i> , 2020, 341, 348-355.	1.2	0