

# Rene Hudec

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5876394/publications.pdf>

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	Small Spacecraft Payload Study for X-ray Astrophysics including GRB Science. <i>Universe</i> , 2022, 8, 144.	2.5	3
2	Promise of Persistent Multi-Messenger Astronomy with the Blazar OJ 287. <i>Galaxies</i> , 2022, 10, 1.	3.0	18
3	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
4	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
5	Multi-messenger astrophysics with THESEUS in the 2030s. <i>Experimental Astronomy</i> , 2021, 52, 245-275.	3.7	12
6	European Space Agency SMILE and Czech participation. <i>Astronomische Nachrichten</i> , 2020, 341, 341-347.	1.2	0
7	ESA THESEUS and Czech participation. <i>Astronomische Nachrichten</i> , 2020, 341, 348-355.	1.2	0
8	Spitzer Observations of the Predicted Eddington Flare from Blazar OJ 287. <i>Astrophysical Journal Letters</i> , 2020, 894, L1.	8.3	47
9	Astronomical photographic data archives: Recent status. <i>Astronomische Nachrichten</i> , 2019, 340, 690-697.	1.2	1
10	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
11	Accretion Disk Parameters Determined from the Great 2015 Flare of OJ 287. <i>Astrophysical Journal</i> , 2019, 882, 88.	4.5	25
12	The Unique Blazar OJ 287 and Its Massive Binary Black Hole Central Engine. <i>Universe</i> , 2019, 5, 108.	2.5	34
13	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
14	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
15	Polarization and Spectral Energy Distribution in OJ 287 during the 2016/17 Outbursts. <i>Galaxies</i> , 2017, 5, 83.	3.0	16
16	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
17	Optics for Nano-Satellite X-Ray Monitor. <i>Open Astronomy</i> , 2015, 24, .	0.6	2
18	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

#	ARTICLE	IF	CITATIONS
19	Astronomical Plate Archives and Binary Blazars Studies. Journal of Astrophysics and Astronomy, 2011, 32, 91-95.	1.0	0
20	Hexasphere"Redundantly Actuated Parallel Spherical Mechanism as a New Concept of Agile Telescope. Advances in Astronomy, 2010, 2010, 1-6.	1.1	10