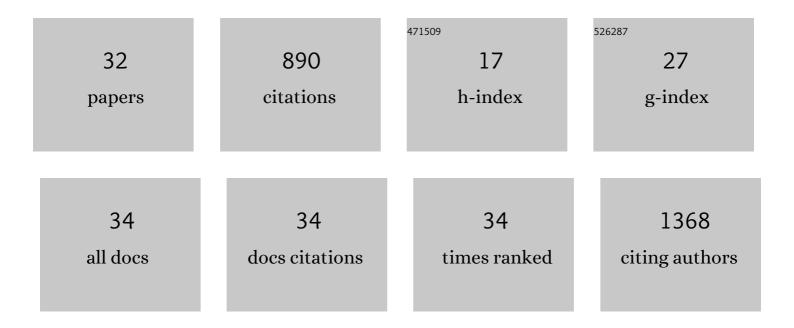
Frank M Rieger

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Particle Acceleration in Relativistic Shearing Flows: Energy Spectrum. Astrophysical Journal, 2022, 933, 149.	4.5	6
2	Particle acceleration in shearing flows: the case for large-scale jets. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1334-1341.	4.4	9
3	Convex X-ray spectra of PKS 2155-304 and constraints on the minimum electron energy. Monthly Notices of the Royal Astronomical Society, 2021, 506, 3996-4006.	4.4	1
4	Turbulence and Particle Acceleration in Shearing Flows. Astrophysical Journal Letters, 2021, 907, L2.	8.3	12
5	Gap-type Particle Acceleration in the Magnetospheres of Rotating Supermassive Black Holes. Astrophysical Journal, 2020, 895, 99.	4.5	11
6	Constraining Cosmic-Ray Acceleration in the Magnetospheric Gaps of Sgr A*. Astrophysical Journal Letters, 2020, 899, L7.	8.3	2
7	An Introduction to Particle Acceleration in Shearing Flows. Galaxies, 2019, 7, 78.	3.0	42
8	Gamma-Ray Astrophysics in the Time Domain. Galaxies, 2019, 7, 28.	3.0	22
9	Complex gamma-ray behavior of the radio galaxy M 87. Astronomy and Astrophysics, 2019, 623, A2.	5.1	9
10	Particle Acceleration in Shearing Flows: Efficiencies and Limits. Astrophysical Journal Letters, 2019, 886, L26.	8.3	21
11	Radio Galaxies at VHE Energies. Galaxies, 2018, 6, 116.	3.0	36
12	Energy distribution of relativistic electrons in the kiloparsec scale jet of M 87 with <i>Chandra</i> . Astronomy and Astrophysics, 2018, 612, A106.	5.1	19
13	Magnetospheric Gamma-Ray Emission in Active Galactic Nuclei. Astrophysical Journal, 2018, 852, 112.	4.5	17
14	Gamma-rays from non-blazar AGN. AIP Conference Proceedings, 2017, , .	0.4	5
15	Particle Acceleration in Mildly Relativistic Shearing Flows: The Interplay of Systematic and Stochastic Effects, and the Origin of the Extended High-energy Emission in AGN Jets. Astrophysical Journal, 2017, 842, 39.	4.5	43
16	SHEAR ACCELERATION IN EXPANDING FLOWS. Astrophysical Journal, 2016, 833, 34.	4.5	19
17	HIGH ENERGY GAMMA RAYS FROM CENTAURUS A. , 2015, , .		0

18 TeV astronomy. Frontiers of Physics, 2013, 8, 714-747.

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#	Article	IF	CITATIONS
19	Deep observation of the giant radio lobes of Centaurus A with the Fermi large area telescope. , 2012, , .		0
20	On the origin of very high energy \hat{I}^3 -rays from radio galaxies. AIP Conference Proceedings, 2012, , .	0.4	4
21	PROBING THE CENTRAL BLACK HOLE IN M87 WITH GAMMA-RAYS. Modern Physics Letters A, 2012, 27, 1230030.	1.2	17
22	VARIABLE TeV EMISSION AS A MANIFESTATION OF JET FORMATION IN M87?. Astrophysical Journal, 2011, 730, 123.	4.5	122
23	NONTHERMAL PROCESSES IN BLACK HOLE-JET MAGNETOSPHERES — INVITED REVIEW. International Journal of Modern Physics D, 2011, 20, 1547-1596.	2.1	36
24	ON PARTICLE ACCELERATION IN ROTATING AGN FLOWS. International Journal of Modern Physics D, 2009, 18, 1651-1654.	2.1	3
25	On Supermassive Binary Black Holes in AGNs. , 2008, , .		0
26	On the Origin of VHE Gamma-Ray Emission in M87. , 2008, , .		0
27	Fermi acceleration in astrophysical jets. Astrophysics and Space Science, 2007, 309, 119-125.	1.4	106
28	Supermassive binary black holes among cosmic gamma-ray sources. Astrophysics and Space Science, 2007, 309, 271-275.	1.4	21
29	A Microscopic Analysis of Shear Acceleration. Astrophysical Journal, 2006, 652, 1044-1049.	4.5	52
30	Particle Acceleration in Gamma-Ray Burst Jets. Astrophysical Journal, 2005, 632, L21-L24.	4.5	21
31	Shear Acceleration in Relativistic Astrophysical Jets. Astrophysical Journal, 2004, 617, 155-161.	4.5	94
32	On the Geometrical Origin of Periodicity in Blazar-type Sources. Astrophysical Journal, 2004, 615, L5-L8.	4.5	103