

# Roger Romani

## List of Publications by Year in descending order

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34  
papers

8,181  
citations

236925

25  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

6227  
citing authors

#	ARTICLE	IF	CITATIONS
1	THE LARGE AREA TELESCOPE ON THE <i>FERMI</i> GAMMA-RAY SPACE TELESCOPE MISSION. <i>Astrophysical Journal</i> , 2009, 697, 1071-1102.	4.5	3,048
2	<i>Fermi</i> Large Area Telescope Fourth Source Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 33.	7.7	817
3	THE SECOND <i>FERMI</i> LARGE AREA TELESCOPE CATALOG OF GAMMA-RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2013, 208, 17.	7.7	693
4	THE SPECTRUM OF ISOTROPIC DIFFUSE GAMMA-RAY EMISSION BETWEEN 100 MeV AND 820 GeV. <i>Astrophysical Journal</i> , 2015, 799, 86.	4.5	556
5	THE THIRD CATALOG OF ACTIVE GALACTIC NUCLEI DETECTED BY THE <i>FERMI</i> LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2015, 810, 14.	4.5	475
6	FERMI/LARGE AREA TELESCOPE BRIGHT GAMMA-RAY SOURCE LIST. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 46-66.	7.7	394
7	A Compact Supermassive Binary Black Hole System. <i>Astrophysical Journal</i> , 2006, 646, 49-60.	4.5	319
8	Detection of single infrared, optical, and ultraviolet photons using superconducting transition edge sensors. <i>Applied Physics Letters</i> , 1998, 73, 735-737.	3.3	310
9	THE COSMIC EVOLUTION OF <i>FERMI</i> BL LACERTAE OBJECTS. <i>Astrophysical Journal</i> , 2014, 780, 73.	4.5	207
10	PRECISE $\hat{\gamma}$ -RAY TIMING AND RADIO OBSERVATIONS OF 17 <i>FERMI</i> $\hat{\gamma}$ -RAY PULSARS. <i>Astrophysical Journal, Supplement Series</i> , 2011, 194, 17.	7.7	195
11	GAMMA-RAY ACTIVITY IN THE CRAB NEBULA: THE EXCEPTIONAL FLARE OF 2011 APRIL. <i>Astrophysical Journal</i> , 2012, 749, 26.	4.5	159
12	THREE MILLISECOND PULSARS IN <i>FERMI</i> LAT UNASSOCIATED BRIGHT SOURCES. <i>Astrophysical Journal Letters</i> , 2011, 727, L16.	8.3	133
13	Resolving the Extragalactic $\hat{\gamma}$ -Ray Background above 50 GeV with the Fermi Large Area Telescope. <i>Physical Review Letters</i> , 2016, 116, 151105.	7.8	130
14	The Imaging X-ray Polarimetry Explorer (IXPE). <i>Proceedings of SPIE</i> , 2016, , .	0.8	107
15	Binary Millisecond Pulsar Discovery via Gamma-Ray Pulsations. <i>Science</i> , 2012, 338, 1314-1317.	12.6	92
16	Fermi Detection of a Luminous $\hat{\gamma}$ -Ray Pulsar in a Globular Cluster. <i>Science</i> , 2011, 334, 1107-1110.	12.6	65
17	<i>FERMI</i> LARGE AREA TELESCOPE OBSERVATIONS OF THE VELA-X PULSAR WIND NEBULA. <i>Astrophysical Journal</i> , 2010, 713, 146-153.	4.5	64
18	Constraining the Orbit of the Supermassive Black Hole Binary 0402+379. <i>Astrophysical Journal</i> , 2017, 843, 14.	4.5	59

#	ARTICLE	IF	CITATIONS
19	GMRT DISCOVERY OF PSR J1544+4937: AN ECLIPSING BLACK-WIDOW PULSAR IDENTIFIED WITH A <i>FERMI</i>-LAT SOURCE. <i>Astrophysical Journal Letters</i> , 2013, 773, L12.	8.3	53
20	PULSED GAMMA-RAYS FROM PSR J2021+3651 WITH THE<i>FERMI</i>LARGE AREA TELESCOPE. <i>Astrophysical Journal</i> , 2009, 700, 1059-1066.	4.5	44
21	Discovery of a Gamma-Ray Black Widow Pulsar by GPU-accelerated Einstein@Home. <i>Astrophysical Journal Letters</i> , 2020, 902, L46.	8.3	42
22	B-ducted Heating of Black Widow Companions. <i>Astrophysical Journal</i> , 2017, 845, 42.	4.5	40
23	Compact symmetric objects and supermassive binary black holes in the VLBA Imaging and Polarimetry Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 820-840.	4.4	35
24	<i>FERMI</i>LARGE AREA TELESCOPE OBSERVATIONS OF PSR J1836+5925. <i>Astrophysical Journal</i> , 2010, 712, 1209-1218.	4.5	33
25	CHARACTERIZATION OF THE INNER KNOT OF THE CRAB: THE SITE OF THE GAMMA-RAY FLARES?. <i>Astrophysical Journal</i> , 2015, 811, 24.	4.5	30
26	Nearâ€nfrared, Kilosecond Variability of the Wisps and Jet in the Crab Pulsar Wind Nebula. <i>Astrophysical Journal</i> , 2005, 633, 931-940.	4.5	25
27	High-energy Variability of PSR J1311-3430. <i>Astrophysical Journal</i> , 2017, 850, 100.	4.5	23
28	The Asymmetric Bow Shock/Pulsar Wind Nebula of PSR J2124â€“3358. <i>Astrophysical Journal</i> , 2017, 851, 61.	4.5	17
29	A polarized view of the hot and violent universe. <i>Experimental Astronomy</i> , 0, , 1.	3.7	6
30	On the vanishing orbital X-ray variability of the eclipsing binary millisecond pulsar 47 Tuc W. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 1139-1150.	4.4	6
31	CONTEMPORANEOUS BROADBAND OBSERVATIONS OF THREE HIGH-REDSHIFT BL LAC OBJECTS. <i>Astrophysical Journal</i> , 2016, 820, 72.	4.5	3
32	Imaging compact supermassive binary black holes with Very Long Baseline Interferometry. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 269-272.	0.0	1
33	Multiwavelength Diagnostics of Pulsar Plasmas. <i>Symposium - International Astronomical Union</i> , 2000, 195, 95-102.	0.1	0
34	15 GHz Monitoring of Gamma-ray Blazars with the OVRO 40 Meter Telescope in Support of Fermi. , 2010, , .		0