

# Peter Gomory

## List of Publications by Year in descending order

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30  
papers

632  
citations

623734

14  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

686  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Solar Activity Monitor Network "SAMNet. Journal of Space Weather and Space Climate, 2022, 12, 2.	3.3	16
2	Magnetic Flux Emergence in a Coronal Hole. Solar Physics, 2020, 295, 1.	2.5	2
3	Tracking Downflows from the Chromosphere to the Photosphere in a Solar Arch Filament System. Astrophysical Journal, 2020, 890, 82.	4.5	1
4	Spectroscopy and Differential Emission Measure Diagnostics of a Coronal Dimming Associated with a Fast Halo CME. Astrophysical Journal, 2019, 879, 85.	4.5	28
5	Observations of a Footpoint Drift of an Erupting Flux Rope. Astrophysical Journal, 2019, 883, 96.	4.5	21
6	Pre-eruption Processes: Heating, Particle Acceleration, and the Formation of a Hot Channel before the 2012 October 20 M9.0 Limb Flare. Astrophysical Journal, 2019, 874, 122.	4.5	15
7	Properties of the inner penumbral boundary and temporal evolution of a decaying sunspot. Astronomy and Astrophysics, 2018, 620, A191.	5.1	17
8	Temporal evolution of arch filaments as seen in He I 10 830 Å... Astronomy and Astrophysics, 2018, 617, A55.	5.1	14
9	Flare-induced changes of the photospheric magnetic field in a $\beta$ -spot deduced from ground-based observations. Astronomy and Astrophysics, 2017, 602, A60.	5.1	6
10	Generation Mechanisms of Quasi-parallel and Quasi-circular Flare Ribbons in a Confined Flare. Astrophysical Journal, 2017, 847, 124.	4.5	26
11	Spectral Characteristics of the He I D3 Line in a Quiescent Prominence Observed by THEMIS. Solar Physics, 2017, 292, 1.	2.5	2
12	Broadband microwave sub-second pulsations in an expanding coronal loop of the 2011 August 10 flare. Astronomy and Astrophysics, 2016, 593, A80.	5.1	9
13	Fitting peculiar spectral profiles in He I 10830 Å... absorption features. Astronomische Nachrichten, 2016, 337, 1057-1063.	1.2	12
14	Chromospheric evaporation flows and density changes deduced from Hinode/EIS during an M1.6 flare. Astronomy and Astrophysics, 2016, 588, A6.	5.1	9
15	NLTE modeling of a small active region filament observed with the VTT. Astronomische Nachrichten, 2016, 337, 1045-1049.	1.2	3
16	Spectropolarimetric observations of an arch filament system with the GREGOR solar telescope. Astronomische Nachrichten, 2016, 337, 1050-1056.	1.2	9
17	Flows along arch filaments observed in the GRIS "very fast spectroscopic mode"™. Proceedings of the International Astronomical Union, 2016, 12, 28-33.	0.0	0
18	SOLAR MAGNETIZED TORNADOES: ROTATIONAL MOTION IN A TORNADO-LIKE PROMINENCE. Astrophysical Journal Letters, 2014, 785, L2.	8.3	49

#	ARTICLE	IF	CITATIONS
19	The association between sunspot magnetic fields and superpenumbral fibrils. <i>Astronomische Nachrichten</i> , 2014, 335, 161-167.	1.2	3
20	Transmission profile of the Dutch Open Telescope H $\alpha$ Lyot filter. <i>Astronomische Nachrichten</i> , 2014, 335, 409-416.	1.2	0
21	Evidence of quiet-Sun chromospheric activity related to an emerging small-scale magnetic loop. <i>Astronomy and Astrophysics</i> , 2013, 556, A7.	5.1	5
22	SPECTROSCOPIC OBSERVATIONS OF A CORONAL MORETON WAVE. <i>Astrophysical Journal Letters</i> , 2011, 737, L4.	8.3	36
23	PLASMA DIAGNOSTICS OF AN EIT WAVE OBSERVED BY <i>Hinode</i> /EIS AND <i>SDO</i> /AIA. <i>Astrophysical Journal Letters</i> , 2011, 743, L10.	8.3	43
24	MULTIWAVELENGTH IMAGING AND SPECTROSCOPY OF CHROMOSPHERIC EVAPORATION IN AN M-CLASS SOLAR FLARE. <i>Astrophysical Journal</i> , 2010, 719, 655-670.	4.5	36
25	Magnetic loop emergence within a granule. <i>Astronomy and Astrophysics</i> , 2010, 511, A14.	5.1	48
26	Multi-wavelength fine structure and mass flows in solar microflares. <i>Astronomy and Astrophysics</i> , 2009, 505, 811-823.	5.1	19
27	The three-dimensional structure of the magnetic field of a sunspot. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 225-226.	0.0	0
28	Acceleration in Fast Halo CMEs and Synchronized Flare HXR Bursts. <i>Astrophysical Journal</i> , 2008, 673, L95-L98.	4.5	173
29	The three-dimensional structure of sunspots. <i>Astronomy and Astrophysics</i> , 2008, 488, 1085-1092.	5.1	21
30	SOHO/CDS observations of waves above the network. <i>Astronomy and Astrophysics</i> , 2006, 448, 1169-1175.	5.1	9