

# Gordon D Holman

## List of Publications by Year in descending order

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35  
papers

2,761  
citations

257101

24  
h-index

360668

35  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1354  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Role of Suprathermal Runaway Electrons Returning to the Acceleration Region in Solar Flares. <i>Astrophysical Journal</i> , 2021, 917, 74.                                    | 1.6 | 8         |
| 2  | Global Energetics of Solar Flares and Coronal Mass Ejections. <i>Journal of Physics: Conference Series</i> , 2019, 1332, 012002.  | 0.3 | 4         |
| 3  | CME-driven Shock and Type II Solar Radio Burst Band Splitting. <i>Astrophysical Journal</i> , 2018, 868, 79.  | 1.6 | 48        |
| 4  | Determination of Differential Emission Measure from Solar Extreme Ultraviolet Images. <i>Astrophysical Journal Letters</i> , 2018, 856, L17.                                  | 3.0 | 82        |
| 5  | Detection and Interpretation of Long-lived X-Ray Quasi-periodic Pulsations in the X-class Solar Flare on 2013 May 14. <i>Astrophysical Journal</i> , 2017, 836, 84.           | 1.6 | 31        |
| 6  | Understanding Breaks in Flare X-Ray Spectra: Evaluation of a Cospacial Collisional Return-current Model. <i>Astrophysical Journal</i> , 2017, 851, 78.                        | 1.6 | 22        |
| 7  | Global Energetics of Solar Flares. V. Energy Closure in Flares and Coronal Mass Ejections. <i>Astrophysical Journal</i> , 2017, 836, 17.                                      | 1.6 | 107       |
| 8  | Scientific considerations for future spectroscopic measurements from space of activity on the Sun. <i>Journal of Geophysical Research: Space Physics</i> , 2016, 121, 11,667. | 0.8 | 14        |
| 9  | GLOBAL ENERGETICS OF SOLAR FLARES. III. NONTHERMAL ENERGIES. <i>Astrophysical Journal</i> , 2016, 832, 27.  | 1.6 | 60        |
| 10 | DIRECT SPATIAL ASSOCIATION OF AN X-RAY FLARE WITH THE ERUPTION OF A SOLAR QUIESCENT FILAMENT. <i>Astrophysical Journal</i> , 2015, 804, 108.                                  | 1.6 | 11        |
| 11 | Imaging coronal magnetic-field reconnection in a solar flare. <i>Nature Physics</i> , 2013, 9, 489-493.   | 6.5 | 197       |
| 12 | Solar eruptive events. <i>Physics Today</i> , 2012, 65, 56-61.  | 0.3 | 17        |
| 13 | OBSERVATIONS OF A TWO-STAGE SOLAR ERUPTIVE EVENT (SEE): EVIDENCE FOR SECONDARY HEATING. <i>Astrophysical Journal Letters</i> , 2012, 746, L5.                                 | 3.0 | 21        |
| 14 | UNDERSTANDING THE IMPACT OF RETURN-CURRENT LOSSES ON THE X-RAY EMISSION FROM SOLAR FLARES. <i>Astrophysical Journal</i> , 2012, 745, 52.                                      | 1.6 | 35        |
| 15 | EVIDENCE FOR THE FULL HARD X-RAY SPECTRAL SIGNATURE OF NONUNIFORM IONIZATION IN A SOLAR FLARE. <i>Astrophysical Journal</i> , 2011, 731, 106.                                 | 1.6 | 21        |
| 16 | Implications of X-ray Observations for Electron Acceleration and Propagation in Solar Flares. <i>Space Science Reviews</i> , 2011, 159, 107-166.                              | 3.7 | 260       |
| 17 | EARLY CHROMOSPHERIC RESPONSE DURING A SOLAR MICROFLARE OBSERVED WITH <i>SOHO</i> 's CDS AND <i>RHESSI</i> . <i>Astrophysical Journal</i> , 2010, 720, 1472-1482.              | 1.6 | 24        |
| 18 | CONJUGATE HARD X-RAY FOOTPOINTS IN THE 2003 OCTOBER 29 X10 FLARE: UNSHEARING MOTIONS, CORRELATIONS, AND ASYMMETRIES. <i>Astrophysical Journal</i> , 2009, 693, 847-867.       | 1.6 | 69        |

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|----|---|-----|-----------|
| 19 | EPISODIC X-RAY EMISSION ACCOMPANYING THE ACTIVATION OF AN ERUPTIVE PROMINENCE: EVIDENCE OF EPISODIC MAGNETIC RECONNECTION. <i>Astrophysical Journal</i> , 2009, 698, 632-640. | 1.6 | 27        |
| 20 | RAPID CHANGES OF ELECTRON ACCELERATION CHARACTERISTICS AT THE END OF THE IMPULSIVE PHASE OF AN X-CLASS SOLAR FLARE. <i>Astrophysical Journal</i> , 2009, 699, 917-922.        | 1.6 | 47        |
| 21 | OBSERVATIONS OF THE THERMAL AND DYNAMIC EVOLUTION OF A SOLAR MICROFLARE. <i>Astrophysical Journal</i> , 2009, 692, 492-501.   | 1.6 | 40        |
| 22 | A TEST OF THICK-TARGET NONUNIFORM IONIZATION AS AN EXPLANATION FOR BREAKS IN SOLAR FLARE HARD X-RAY SPECTRA. <i>Astrophysical Journal</i> , 2009, 705, 1584-1593.             | 1.6 | 21        |
| 23 | A question raised from the observation of dynamic cusp formation: When and where does particle acceleration occur?. <i>Advances in Space Research</i> , 2008, 41, 976-983.    | 1.2 | 7         |
| 24 | Nonthermal X-ray Spectral Flattening toward Low Energies in Early Impulsive Flares. <i>Astrophysical Journal</i> , 2007, 670, 862-871.  | 1.6 | 57        |
| 25 | Motion of 3-6 keV Nonthermal Sources along the Legs of a Flare Loop. <i>Astrophysical Journal</i> , 2006, 645, L157-L160.   | 1.6 | 31        |
| 26 | The Mysterious Origins of Solar Flares. <i>Scientific American</i> , 2006, 294, 38-45.  | 1.0 | 14        |
| 27 | Evidence for Magnetic Reconnection in Three Homologous Solar Flares Observed by RHESSI. <i>Astrophysical Journal</i> , 2004, 612, 546-556.                                    | 1.6 | 216       |
| 28 | Electron Bremsstrahlung Hard X-Ray Spectra, Electron Distributions, and Energetics in the 2002 July 23 Solar Flare. <i>Astrophysical Journal</i> , 2003, 595, L97-L101.       | 1.6 | 268       |
| 29 | Evidence for the Formation of a Large-Scale Current Sheet in a Solar Flare. <i>Astrophysical Journal</i> , 2003, 596, L251-L254.  | 1.6 | 303       |
| 30 | The Effects of Low- and High-Energy Cutoffs on Solar Flare Microwave and Hard X-ray Spectra. <i>Astrophysical Journal</i> , 2003, 586, 606-616.                               | 1.6 | 87        |
| 31 | Modeling Images and Spectra of a Solar Flare Observed by RHESSI on 20 February 2002. <i>Solar Physics</i> , 2002, 210, 245-259.   | 1.0 | 31        |
| 32 | Critical issues for understanding particle acceleration in impulsive solar flares. <i>Journal of Geophysical Research</i> , 1997, 102, 14631-14659.                           | 3.3 | 423       |
| 33 | DC Electric Field Acceleration of Ions in Solar Flares. <i>Astrophysical Journal</i> , 1995, 452, 451.  | 1.6 | 51        |
| 34 | A thermal/nonthermal model for solar hard X-ray bursts. <i>Astrophysical Journal</i> , 1994, 435, 469.  | 1.6 | 60        |
| 35 | A hybrid thermal/nonthermal model for the energetic emissions from solar flares. <i>Astrophysical Journal</i> , 1992, 400, L79.   | 1.6 | 47        |