

Mark L McConnell

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

181
citations

1684188

5
h-index

1872680

6
g-index

24
all docs

24
docs citations

24
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	High energy polarimetry of prompt GRB emission. <i>New Astronomy Reviews</i> , 2017, 76, 1-21.	12.8	49
2	RHESSI as a Hard X-Ray Polarimeter. <i>Solar Physics</i> , 2002, 210, 125-142.	2.5	48
3	Design and Testing of a Position-Sensitive Plastic Scintillator Detector for Fast Neutron Imaging. <i>IEEE Transactions on Nuclear Science</i> , 2006, 53, 3894-3903.	2.0	24
4	Calibration of the Fast Neutron Imaging Telescope (FNIT) Prototype Detector. <i>IEEE Transactions on Nuclear Science</i> , 2009, 56, 2947-2954.	2.0	16
5	Radiation Damage and Activation from Proton Irradiation of Advanced Scintillators. , 2006, , .		7
6	Plans for the next GRAPE balloon flight. <i>Proceedings of SPIE</i> , 2013, , .	0.8	6
7	Balloon flight results of a FAST Compton telescope (FACTEL). , 2012, , .		4
8	Design optimization and performance capabilities of the fast neutron imaging telescope (FNIT). , 2007, , .		3
9	Silicon photo-multiplier readouts for scintillators in high-energy astronomy. , 2008, , .		3
10	Imaging and spectroscopy of fission neutrons with the FNIT experiment. , 2009, , .		3
11	A Compton telescope for remote location and identification of radioactive material. , 2009, , .		3
12	Silicon photo-multiplier readouts for scintillator-based gamma-ray detectors in space. , 2010, , .		3
13	Position Resolution in LaBr ₃ and LaCl ₃ Scintillators Using Position-Sensitive Photomultiplier Tubes. , 2006, , .		2
14	Preparations for the first balloon flight of the Gamma-Ray Polarimeter Experiment (GRAPE). , 2010, , .		2
15	On the Linear Polarization of TGFs and X-rays From Natural and Rocket-Triggered Lightning and Its Association With Source Geometry. <i>Journal of Geophysical Research: Space Physics</i> , 2019, 124, 9166-9183.	2.4	2
16	Scintillation Detectors for X-ray and γ -ray Astronomy. , 2021, , 27-50.		2
17	The continued development of a low energy Compton imager for GRB polarization studies. , 2018, , .		2
18	Medium-Energy Gamma-Ray Astrophysics with the 3-DTI Gamma-Ray Telescope. , 2006, , .		1

#	ARTICLE	IF	CITATIONS
19	Initial results from the Advanced Scintillator Compton Telescope (ASCOT) Balloon Flight. , 2019, , .		1
20	Simulated Performance of 3-DTI Gamma-Ray Telescope Concepts. , 2006, , .		0
21	Location and identification of radioactive material with the GRETA (Gamma-Ray Experimental Telescope) Tj ETQq1 1 0.784314 rgBT /C		0
22	An imaging neutron spectrometer. , 2010, , .		0
23	The advanced scintillator Compton telescope (ASCOT) balloon project. , 2015, , .		0
24	Performance simulation of the soft gamma-ray concentrator. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, 1.	1.8	0