

Mark L McConnell

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

181
citations

1684188

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1872680

6
g-index

24
all docs

24
docs citations

24
times ranked

322
citing authors

#	ARTICLE	IF	CITATIONS
1	Scintillation Detectors for X-ray and γ -ray Astronomy. , 2021, , 27-50.		2
2	Performance simulation of the soft gamma-ray concentrator. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, 1.	1.8	0
3	On the Linear Polarization of TGFs and X-rays From Natural and Rocket-Triggered Lightning and Its Association With Source Geometry. Journal of Geophysical Research: Space Physics, 2019, 124, 9166-9183.	2.4	2
4	Initial results from the Advanced Scintillator Compton Telescope (ASCOT) Balloon Flight. , 2019, , .		1
5	The continued development of a low energy Compton imager for GRB polarization studies. , 2018, , .		2
6	High energy polarimetry of prompt GRB emission. New Astronomy Reviews, 2017, 76, 1-21.	12.8	49
7	The advanced scintillator Compton telescope (ASCOT) balloon project. , 2015, , .		0
8	Plans for the next GRAPE balloon flight. Proceedings of SPIE, 2013, , .	0.8	6
9	Balloon flight results of a FAsT compton telescope (FACTEL). , 2012, , .		4
10	Location and identification of radioactive material with the GRETA (Gamma-Ray Experimental Telescope) Tj ETQq0 0 0 rgBT /Overlock 10		
11	Silicon photo-multiplier readouts for scintillator-based gamma-ray detectors in space. , 2010, , .		3
12	Preparations for the first balloon flight of the Gamma-Ray Polarimeter Experiment (GRAPE). , 2010, , .		2
13	An imaging neutron spectrometer. , 2010, , .		0
14	Calibration of the Fast Neutron Imaging Telescope (FNIT) Prototype Detector. IEEE Transactions on Nuclear Science, 2009, 56, 2947-2954.	2.0	16
15	Imaging and spectroscopy of fission neutrons with the FNIT experiment. , 2009, , .		3
16	A compton telescope for remote location and identification of radioactive material. , 2009, , .		3
17	Silicon photo-multiplier readouts for scintillators in high-energy astronomy. , 2008, , .		3
18	Design optimization and performance capabilities of the fast neutron imaging telescope (FNIT). , 2007, , .		3

#	ARTICLE	IF	CITATIONS
19	Design and Testing of a Position-Sensitive Plastic Scintillator Detector for Fast Neutron Imaging. IEEE Transactions on Nuclear Science, 2006, 53, 3894-3903.	2.0	24
20	Medium-Energy Gamma-Ray Astrophysics with the 3-DTI Gamma-Ray Telescope. , 2006, , .		1
21	Position Resolution in LaBr/sub 3/ and LaCl/sub 3/ Scintillators Using Position-Sensitive Photomultiplier Tubes. , 2006, , .		2
22	Radiation Damage and Activation from Proton Irradiation of Advanced Scintillators. , 2006, , .		7
23	Simulated Performance of 3-DTI Gamma-Ray Telescope Concepts. , 2006, , .		0
24	RHESSI as a Hard X-Ray Polarimeter. Solar Physics, 2002, 210, 125-142.	2.5	48