Nicholas N Stoffle

List of Publications by Year
in descending order

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		759233	713466
25	476	12	21
papers	citations	h-index	g-index

25	25	25	515
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Slowing-down and stopped charged particles cause angular dependence for absorbed dose measurements. Radiation Physics and Chemistry, 2019, 155, 89-96.	2.8	1
2	Comparisons of Highâ€Linear Energy Transfer Spectra on the ISS and in Deep Space. Space Weather, 2019, 17, 396-418.	3.7	13
3	Identification of stopping ions in a silicon Timepix detector. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 880, 35-39.	1.6	11
4	Very high energy calibration of silicon Timepix detectors. Journal of Instrumentation, 2018, 13, P11014-P11014.	1.2	17
5	Light ion isotope identification in space using a pixel detector based single layer telescope. Applied Physics Letters, 2018, 113, .	3.3	4
6	The Solar Particle Event on 10 September 2017 as observed onboard the International Space Station (ISS). Space Weather, 2018, 16, 1173-1189.	3.7	26
7	Detection of DNA damage by space radiation in human fibroblasts flown on the International Space Station. Life Sciences in Space Research, 2017, 12, 24-31.	2.3	34
8	Comparison of novel active semiconductor pixel detectorwith passive radiation detectors during the NASA Orion ExplorationÂFlight Test 1 (EFT-1). Radiation Measurements, 2017, 106, 290-297.	1.4	9
9	Evaluation of HZETRN on the Martian surface: Sensitivity tests and model results. Life Sciences in Space Research, 2017, 14, 29-35.	2.3	14
10	The radiation environment on the surface of Mars - Summary of model calculations and comparison to RAD data. Life Sciences in Space Research, 2017, 14, 18-28.	2.3	57
11	Timepix-based radiation environment monitor measurements aboard the International Space Station. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2015, 782, 143-148.	1.6	73
12	A semiconductor radiation imaging pixel detector for space radiation dosimetry. Life Sciences in Space Research, 2015, 6, 69-78.	2.3	58
13	Summary of the first year of medipix-based space radiation monitors on the ISS. , 2014, , .		2
14	Energy resolution and power consumption of Timepix detector for different detector settings and saturation of front-end electronics. Journal of Instrumentation, 2014, 9, C05008-C05008.	1.2	14
15	Data Analysis of Tracks of Heavy Ion Particles in Timepix Detector. Journal of Physics: Conference Series, 2014, 523, 012026.	0.4	13
16	Initial results on charge and velocity discrimination for heavy ions using silicon-Timepix detectors. Journal of Instrumentation, 2012, 7, C12009-C12009.	1.2	9
17	Preparing for the first Medipix detectors in space. , 2012, , .		1
18	Full mission astronaut radiation exposure assessments for long duration lunar surface missions. , 2011, , .		5

#	Article	IF	Citations
19	Small Dosimeter based on Timepix device for International Space Station. Journal of Instrumentation, 2011, 6, C12037-C12037.	1.2	45
20	Application of the Medipix2 technology to space radiation dosimetry and hadron therapy beam monitoring. Radiation Measurements, 2011, 46, 1610-1614.	1.4	8
21	Penetrating heavy ion charge and velocity discrimination with a TimePix-based Si detector (for space) Tj ETQq1 1 0.784314 rgBT /Ove Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 633, S190-S193.	1.6	15
22	Application of the Medipix2 technology to space radiation dosimetry and hadron therapy beam monitoring. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2011, 628, 226-229.	1.6	9
23	Statistical validation of HZETRN as a function of vertical cutoff rigidity using ISS measurements. Advances in Space Research, 2011, 47, 600-610.	2.6	28
24	Heavy ion charge and velocity resolution with a Medipix-based active Space Radiation Dosimeter. , 2010, , .		3
25	Sarcoptes scabieiInfestation. New England Journal of Medicine, 2004, 350, e20.	27.0	7