Hugh D R Evans

List of Publications by Year
in descending order

23	485	933447 10	713466 21
papers	citations	h-index	g-index

25	25	25	903
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MULASSIS: a Geant4-based multilayered shielding simulation tool. IEEE Transactions on Nuclear Science, 2002, 49, 2788-2793.	2.0	127
2	Interplanetary coronal mass ejection observed at STEREOâ€A, Mars, comet 67P/Churyumovâ€Gerasimenko, Saturn, and New Horizons en route to Pluto: Comparison of its Forbush decreases at 1.4, 3.1, and 9.9ÂAU. Journal of Geophysical Research: Space Physics, 2017, 122, 7865-7890.	2.4	87
3	The ESA Standard Radiation Environment Monitor program first results from PROBA-I and INTEGRAL. IEEE Transactions on Nuclear Science, 2003, 50, 2272-2277.	2.0	37
4	In Situ Data and Effect Correlation During September 2017 Solar Particle Event. Space Weather, 2019, 17, 99-117.	3.7	35
5	Toolkit for Updating Interplanetary Proton Cumulated Fluence Models. Journal of Spacecraft and Rockets, 2005, 42, 1077-1090.	1.9	27
6	Unfolding and Validation of SREM Fluxes. IEEE Transactions on Nuclear Science, 2012, 59, 1105-1112.	2.0	24
7	Multi-point galactic cosmic ray measurements between 1 and 4.5â€‰AU over a full solar cycle. Annales Geophysicae, 2019, 37, 903-918.	1.6	24
8	Ultraenergetic Heavy-Ion Beams in the CERN Accelerator Complex for Radiation Effects Testing. IEEE Transactions on Nuclear Science, 2019, 66, 458-465.	2.0	17
9	Extreme relativistic electron fluxes in the Earth's outer radiation belt: Analysis of INTEGRAL IREM data. Space Weather, 2017, 15, 917-933.	3.7	16
10	The Solar Accumulated and Peak Proton and Heavy Ion Radiation Environment (SAPPHIRE) Model. IEEE Transactions on Nuclear Science, 2018, 65, 698-711.	2.0	15
11	Data Exploitation of New Galileo Environmental Monitoring Units. IEEE Transactions on Nuclear Science, 2019, 66, 1761-1769.	2.0	11
12	Inner Belt Anisotropy Investigations Based on the Standard Radiation Environment Monitor (SREM). IEEE Transactions on Nuclear Science, 2010, 57, 2017-2023.	2.0	10
13	A New Model of Outer Belt Electrons for Dielectric Internal Charging (MOBE-DIC). IEEE Transactions on Nuclear Science, 2015, 62, 2767-2775.	2.0	10
14	Development and Validation of the Electron Slot Region Radiation Environment Model. IEEE Transactions on Nuclear Science, 2014, 61, 1656-1662.	2.0	9
15	On the Interplanetary Parameter Schemes Which Drive the Variability of the Source/Seed Electron Population at GEO. Journal of Geophysical Research: Space Physics, 2021, 126, e2020JA028939.	2.4	9
16	Solar Cell Degradation Due to Proton Belt Enhancements During Electric Orbit Raising to GEO. Space Weather, 2019, 17, 1059-1072.	3.7	8
17	Harmonization of RBSP and Arase Energetic Electron Measurements Utilizing ESA Radiation Monitor Data. Space Weather, 2021, 19, e2020SW002692.	3.7	7
18	SEP Protons in GEO measured with the ESA MultiFunctional Spectrometer. IEEE Transactions on Nuclear Science, 2017, , 1-1.	2.0	5

#	Article	IF	Citations
19	Electrons in GEO Measured With the ESA Multifunctional Spectrometer During the January 2014 SEP. IEEE Transactions on Nuclear Science, 2018, 65, 1540-1545.	2.0	2
20	First Results and Analysis From ESA Next Generation Radiation Monitor Unit Onboard EDRS-C. IEEE Transactions on Nuclear Science, 2022, 69, 1549-1556.	2.0	2
21	Validation of flux models to characterize the radiation environment in space based on current Rosetta-data. , 2017, , .		1
22	Modeling the space environment and its effects on spacecraft and astronauts using SPENVIS. , 2018, , .		1
23	An Update to MOBE-DIC Using Current Monitor Measurements From Galileo. IEEE Transactions on Nuclear Science, 2020, 67, 181-190.	2.0	1