

William R Patterson

List of Publications by Year in descending order

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9
papers

273
citations

1478505

6
h-index

1720034

7
g-index

9
all docs

9
docs citations

9
times ranked

247
citing authors

#	ARTICLE	IF	CITATIONS
1	The Surface of Mars: The View from the Viking 1 Lander. <i>Science</i> , 1976, 193, 791-801.	12.6	88
2	A Microelectrode/Microelectronic Hybrid Device for Brain Implantable Neuroprosthesis Applications. <i>IEEE Transactions on Biomedical Engineering</i> , 2004, 51, 1845-1853.	4.2	88
3	Alternate Approach to the Resolution of Tunneling Current Structure by Differentiation. <i>Review of Scientific Instruments</i> , 1964, 35, 1704-1707.	1.3	43
4	Position calibration of large-aperture microphone arrays. , 2002, , .		13
5	Radiometric calibration of thermal emission data from the Asteroid and Lunar Environment Chamber (ALEC). <i>Review of Scientific Instruments</i> , 2019, 90, 093101.	1.3	11
6	Fundamental Thermal Limits on Data Retention in Low-Voltage CMOS Latches and SRAM. <i>IEEE Transactions on Device and Materials Reliability</i> , 2020, 20, 488-497.	2.0	11
7	A 100-channel hermetically sealed implantable device for wireless neurosensing applications. , 2012, , .		10
8	Full Two-Dimensional Markov Chain Analysis of Thermal Soft Errors in Subthreshold Nanoscale CMOS Devices. <i>IEEE Transactions on Device and Materials Reliability</i> , 2011, 11, 50-59.	2.0	6
9	A Sub-Threshold Noise Transient Simulator Based on Integrated Random Telegraph and Thermal Noise Modeling. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , 2018, 37, 643-656.	2.7	3