

【海外研究成果】耐放射線機器に関する文献リスト(INIS)

No.	標題	著者情報	情報源	出版地	登録番号	出版年
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2	Modification of the carbon stripper foils nano structure with the aim of radiation resistance improvement	Vasin, AV; Mozhzhukhin, EhN; Kozeratskaya, GN; Rusavskij, AV; Totksij, Yul; Institut Yadernykh Issledovanij NAN Ukrainy, Kiev (Ukraine)	Zbyirnik naukovikh prats' Ynstitutu Yadernikh Doslyidzhen'; 2000; p. 98-103; (no.1);	Ukraine	33003127	2000
3	Characteristics and radiation tolerance of a double-sided microstrip detector with polysilicon biasing resistors	Kulibaba, VI; Maslov, NI; Perevertailo, VI; National Science Center 'Kharkov Institute of Physics and Technology', Kharkov (Ukraine); Haas, AP; Kuijer, P; Utrecht University, Utrecht (Netherlands)	Voprosy Atomnoj Nauki i Tekhniki. Yaderno-Fizicheskie Issledovaniya; 2000; p. 26-33; (no.2);	Ukraine	33014095	2000
4	Effect of cure on the radiation resistance of superconducting magnet resin systems	Munshi, NA; Composite Technology Development Inc, Boulder, CO (United States)	Advances in cryogenic engineering materials, Volume 40, Part B; 1994.; p. 1083-1090.; International cryogenic materials conference (ICMC).; Albuquerque, NM (United States).; 12-16 Jul 1993.; Plenum Press.; New York, NY (United States).; Plenum Publishing Corp., 233 Spring Street, New York, NY 10013 (United States).;	United States	26046210	1994
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7	Evaluation of the radiation resistance of electrical insulation materials	Perrin, Sh; Schoenbacher, H; Tavlet, M; Widler, R; rolandwidler@geberitcom	Nuclear Instruments and Methods in Physics Research. Section B, Beam Interactions with Materials and Atoms; Dec 2002; p. 77-82; v. 198(1-2); S0168583X02015215; Copyright (c) 2002 Elsevier Science B.V., Amsterdam, The Netherlands, All rights reserved.;	Netherlands	34014442	2002
8	Radiation tolerance of epitaxial silicon carbide detectors for electrons, protons and gamma-rays	Nava, F; navafilippo@unimoit; Vittone, E; Vanni, P; Verzellesi, G; Fuochi, PG; Lanzieri, C; Glaser, M	Nuclear Instruments and Methods in Physics Research. Section A, Accelerators, Spectrometers, Detectors and Associated Equipment; 11 Jun 2003; p. 645-655; v. 505(3); S0168900202015589; Copyright (c) 2002 Elsevier Science B.V., Amsterdam, The Netherlands, All rights reserved.;	Netherlands	35001222	2003
9	Improving on FPGA radiation tolerance	Troeger, G; Keschull, U; Kirchhoff-Inst fuer Physik, Univ Heidelberg (Germany); ALICE collaboration	Verhandlungen der Deutschen Physikalischen Gesellschaft; 2005; p. 110; v. 40(4);	Germany	36046212	2005
10	Radiation resistance of perspective gallium arsenide field Schottky transistors	Kiseleva, EV; Kitaev, MA; Obolenskij, SV; Trofimov, VT; Kozlov, VA; Nizhegorodskij Gosudarstvennyj Univ im NI Lobachevskogo, Nizhnij Novgorod (Russian Federation)	Zhurnal Tekhnicheskoy Fiziki; Apr 2005; p. 136-138; v. 75(4); 9 refs., 2 figs., 1 tab.;	Russian Federation	37104284	2005
11	Radiation tolerance of amorphous semiconductors	Nicolaides, RV; DeFeo, S; Doremus, LW; Feltman Research Lab, Dover, NJ	IEEE Trans. Nucl. Sci.; (Feb 1976).; 22. nuclear science symposium and 7. nuclear power systems symposium.; San Francisco, CA, USA.; 19 Nov 1975.; v. NS-23(1) p. 839-848.;	United States	7261461	1976

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14	Spacecraft electronics design for radiation tolerance	Rasmussen, RD; Jet Propulsion Lab, California Institute of Technology, Pasadena, CA (USA)	Proceedings of the IEEE.; (Nov 1988).; v. 76(11) p. 1527-1537.;	United States	20054793	1988
15	Development of high voltage PEEK wire with radiation-resistance and cryogenic characteristics	Fujita, T; Hirata, T; Araki, S; Ohara, H; Nishimura, H; Mitsubishi Electric Corp, Tokyo (Japan)	Mitsubishi Densen Kogyo Jiho.; (Apr 1989).; (no.77) p. 9-12.;	Japan	20084151	1989
16	Effect that electrode materials exert on radiation resistance of MOS capacitors	Yoshikawa, Masahito; Ito, Hisayoshi; Morita, Yohsuke; Kawakami, Waichiro; Japan Atomic Energy Research Inst, Oarai, Ibaraki (Japan) Oarai Research Establishment; Nashiyama, Isamu	Denki Gakkai Zetsuen Zairyo Kenkyukai Shiryo.; (Dec 1988).; v. EIM-88(117-130) p. 35-43.;	Japan	21013745	1988
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19	Radiation resistance of composite organic insulators at low temperatures	Egusa, S; Japan Atomic Energy Research Inst, Takasaki, Gunma (Japan) Takasaki Radiation Chemistry Research Establishment; Sugimoto, M; Nakajima, H; Yoshida, K; Tsuji, H	Transactions of the 11th international conference on structural mechanics in reactor technology; 1991.; v. L p. 301-306.; 11. international conference on structural mechanics in reactor technology.; Tokyo (Japan).; 18-23 Aug 1991.; Atomic Energy Society of Japan.; Tokyo (Japan).;	Japan	23057689	1991
20	Silicon-controlled rectifiers with improved radiation resistance Final report	Wentink, RF; General Electric Co, Auburn, NY (USA) Semiconductor Products Dept	31 Oct 1970.; 98 p.; N--71-22365.; NASA-CR--72842.;	United States	5115577	1970
21	Radiation resistance problems with high-voltage isolation of electrical machines	Rohmer, K; Sperling, K; Allgemeine Elektrizitaets-Gesellschaft AEG Telefunken, Berlin (FR Germany)	At. Strom.; (Oct 1974).; v. 20(9/10) p. 108-111.; 1 tab.; 7 refs.;	Germany	6181190	1974
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26	Radiation tests on selected electrical insulating materials for high-power and high voltage application	Liptak, G; Schuler, R; Brown, Boveri und Cie, Birr (Switzerland); Haberthuer, B; Mueller, H; Zeier, W; Isola Werke, Breitenbach (Switzerland); Maier, P; Schoenbacher, H; European Organization for Nuclear Research, Geneva (Switzerland)	20 Mar 1985.; 61 p.; CERN--85-02.;	European Organization for Nuclear Research (CERN)	16048634	1985
27	Development of flame retardant, radiation resistant insulating materials	Hagiwara, Miyuki ; Japan Atomic Energy Research Inst, Takasaki, Gunma Takasaki Radiation Chemistry Research Establishment	Nippon Aisotopu Hoshasen Sogo Kaigi Hobunshu.; (1984).; 16. Japan conference on radiation and radioisotopes.; Tokyo (Japan).; 6-8 Dec 1983.; (no.16) p. 410-416.;	Japan	16084447	1984
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35	Radiation-hard front-end electronics and silicon microstrip detectors	Sadrozinski, HFW; Cartiglia, N; Dewitt, J; Dorfan, DE; Hubbard, B; O'Shaughnessy, K; Pitzl, D; Rowe, WA; Seiden, A; Spencer, E; Univ of California, Santa Cruz (USA); Ferguson, P; Hoffman, CM; Kinnison, WW; Milner, EC; Sommer, WF; Ziock, HJ; Los Alamos National Lab, NM (USA); Giubellino, P; Univ of Turin (Italy); Ellison, J; Univ of California, Riverside (USA)	Detector research and development for the superconducting super collider: Proceedings; 1990.; p. 166-168.; Symposium on detector research and development for the Superconducting Super Collider.; Fort Worth, TX (USA).; 15-18 Oct 1990.; World Scientific Publishing Co. Pte. Ltd.; Teaneck, NJ (USA).; World Scientific Publishing Co. Pte. Ltd., 687 Hartwell Street, Teaneck, NJ 97666.;	United States	22091001	1990

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47	Radiation-resistant magnets	Keizer, RL; Mottier, M; European Organization for Nuclear Research, Geneva (Switzerland)	4 Jun 1982.; 43 p.; CERN--82-05.;	European Organization for Nuclear Research (CERN)	13703283	1982
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51	Trial manufacture of flame retardant and radiation resistant cables	Oshima, Yunosuke; Hagiwara, Miyuki; Japan Atomic Energy Research Inst, Takasaki, Gunma Takasaki Radiation Chemistry Research Establishment; Oda, Eisuke	Nippon Genshiryoku Gakkai-Shi.; (Apr 1983).; v. 25(4) p. 258-263.;	Japan	15070346	1983

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54	Effect of cryogenic irradiation on the mechanical properties of organic insulator films	Yamaoka, H; Miyata, K; Kyoto Univ, Osaka	Advances in cryogenic engineering: materials, Vol. 32; 1986.; p. 161-167.; Cryogenic engineering conference and international cryogenic materials conference.; Boston, MA (USA).; 12-16 Aug 1985.; Plenum Press.; New York, NY (USA).;	United States	18016507	1986
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