United States Air Force Research Laboratory


James Jauchem

HUMAN EFFECTIVENESS DIRECTORATE
DIRECTED ENERGY BIOEFFECTS DIVISION
RADIOFREQUENCY RADIATION BRANCH
8262 HAWKS ROAD
BROOKS CITY-BASE, TX 78235-5147

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JAMES R. JAUCHEM, Ph.D.
Project Scientist, AFRL/HEDR

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GARRETT D. POLHAMUS, DAF
Chief, Directed Energy Bioeffects Division

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6. AUTHORS
James Jauchem, Editor

7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)
Air Force Research Laboratory (AFMC), Human Effectiveness Directorate, Directed Energy Bioeffects Division, Radio Frequency Radiation Branch, 8262 Hawks Road, Brooks City-Base, TX 78235-5147

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14. ABSTRACT
The Radio Frequency Radiation (RFR) Branch of the Directed Energy Bioeffects Division, Human Effectiveness Directorate, Air Force Research Laboratory (AFRL/HEDR), has completed work regarding biological effects of exposure to different power densities, specific absorption rates, and unique pulse parameters of RFR. Data to maintain appropriate RFR exposure standards were published in numerous peer-reviewed journal articles. The studies included various levels of organization, including: whole animal, animal systems, cell, sub-cellular, and macromolecular levels. These data will continue to be used to make sound decisions regarding safe exposure of humans in the Air Force workplace. This bibliography is a list of peer-reviewed journal articles, peer-reviewed books, book chapters, and refereed proceedings, non-peer reviewed publications and abstracts, and technical reports, from the period 1997-2003.

15. SUBJECT TERMS
Air Force Research Laboratory, abstracts, bibliography, electromagnetic fields, electromagnetics, microwaves, non-ionizing radiation, radio-frequency radiation, radar, technical reports

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Peer-reviewed Journal Articles

2003


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1997


Ryan, K. L., T. J. Walters, M. R. Tehrany, J. D. Lovelace, and J. R. Jauchem. Age does not


Peer-reviewed Books, Book Chapters, and Refereed Proceedings:

2003


2002


2001


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Adair, E. R. Potential for over-exposure to directed electromagnetic energy in an open


1999


1997


Non-peer Reviewed Publications and Abstracts

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2002


Moscow and St. Petersburg, Russia, 18-24 September 2002.


2001


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Walters, T. J., Ryan, K. L., T. L. Scholin, and P. A. Mason. Neuronal damage following thermal


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Klauenberg, B. J. and M. R. Murphy. NATO activities as an aid toward international harmonization of EMF standards. Proceedings of the 2nd World Congress for Electricity and Magnetism in Biology and Medicine, Bologna, Italy, 8-13 June 1997.


**Technical Reports**

2003


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