

ISSN: 2152-2294

Volume 14, Number 1, January 2023



Wireless Engineering and Technology



ISSN: 2152-2294



<https://www.scirp.org/journal/wet>

Journal Editorial Board

ISSN: 2152-2294 (Print) ISSN: 2152-2308 (Online)

<https://www.scirp.org/journal/wet>

Editor-in-Chief

Prof. Yi Huang University of Liverpool, UK

Associate Editor-in-Chief

Prof. Zhipeng Wu The University of Manchester, UK

Editorial Board

Prof. Atef Abdrabou	United Arab Emirates University, UAE
Prof. Felix T. S. Chan	The Hong Kong Polytechnic University, China
Prof. Wanyang Dai	Nanjing University, China
Prof. Zhaoyun Duan	University of Electronic Science and Technology of China, China
Prof. Min-Shiang Hwang	National Chung Hsing University, Chinese Taipei
Prof. Margaret L. McLaughlin	University of Southern California, Canada
Prof. Roberto Montemanni	Dalle Molle Institute for Artificial Intelligence, Switzerland
Prof. M. B. Rama Murthy	CMR College of Engineering and Technology, India
Prof. Homayoon Oraizi	Iran University of Science & Technology, Iran
Prof. A. G. Unil Perera	Georgia State University, USA
Dr. Xin Qin	Simula Research Laboratory, Norway
Dr. Kewei Sha	Oklahoma City University, USA
Prof. Yuriy S. Shmaliy	Guanajuato University, Mexico
Prof. Yuh-Min Tseng	National Changhua University of Education, Chinese Taipei
Dr. Yuhao Wang	Nanchang University, China
Prof. Changxu (Sean) Wu	University of Michigan, USA
Prof. Fei Zhang	Michigan State University, USA

Table of Contents

Volume 14 Number 1

January 2023

On the Effects of Driven Element L/D Ratio and Length in VHF-SHF Yagi-Uda Arrays

R. A. Formato.....1

Wireless Engineering and Technology (WET)

Journal Information

SUBSCRIPTIONS

The *Wireless Engineering and Technology* (Online at Scientific Research Publishing, <https://www.scirp.org/>) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2023 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

<http://creativecommons.org/licenses/by/4.0/>

Copyright for individual papers of the journal:

Copyright © 2023 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

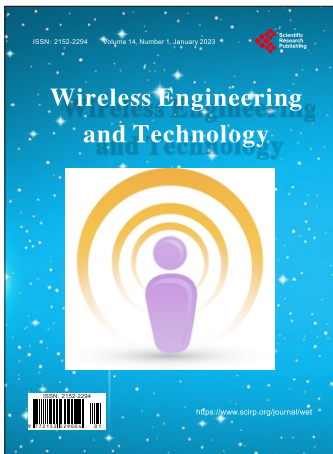
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: wet@scirp.org

Call for Papers



Wireless Engineering and Technology (WET)

ISSN 2152-2294 (Print) ISSN 2152-2308 (Online)

<https://www.scirp.org/journal/wet>

Wireless Engineering and Technology is an international journal dedicated to the latest advancement of wireless engineering and technology. The goal of this journal is to provide a platform for scientists, students, academics and engineers all over the world to promote, share, and discuss various new issues and developments in different areas of wireless engineering and technology.

Editor-in-Chief

Prof. Yi Huang

University of Liverpool, UK

Associate Editor-in-Chief

Prof. Zhipeng Wu

The University of Manchester, UK

Subject Coverage

This journal invites original research and review papers that address the following issues. Topics of interest include, but are not limited to:

- Antenna Systems and Radio Frequency (RF) Engineering
- Body Area Networks and Its Applications
- Broadband Wireless Access Techniques
- Cognitive Radio and Software Defined Radio
- Microwave and Millimeter Wave Theory and Techniques
- Multiuser and Multiple Access Schemes
- Optical Wireless Communications
- Radio Network Planning and Optimisation for UMTS
- Radio Resource Management and Interference Control
- Terahertz and Infrared Technology and Engineering
- Vehicular Communications and Networks
- Wireless Air Interface and Link Control
- Wireless Channel Modeling and Propagation
- Wireless Multimedia Communications and Computing
- Wireless Power Transmission
- Wireless Sensor Networks
- Wireless System Architectures and Applications
- Wireless Traffic and Routing

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the **WET**.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

<https://www.scirp.org/journal/wet>

E-mail: wet@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience



Website: <https://www.scirp.org>

Subscription: sub@scirp.org

Advertisement: service@scirp.org