

[Free Full Text from Publisher](#) [Look Up Full Text](#)[Save to EndNote online](#)[Add to Marked List](#)

4 of 47

Wireless Sensor Network Security Enhancement Using Directional Antennas: State of the Art and Research Challenges

By: [Curiac, DI](#) ([Curiac, Daniel-Ioan](#))^[1]

SENSORS



Impact Factor

2.475 **3.014**

2017 5 year

JCR Category	Rank in Category	Quartile in Category
CHEMISTRY, ANALYTICAL	30 of 80	Q2
ELECTROCHEMISTRY	15 of 28	Q3
INSTRUMENTS & INSTRUMENTATION	16 of 61	Q2

Data from the 2017 edition of *Journal Citation Reports*

Publisher

MDPI AG, ST ALBAN-ANLAGE 66, CH-4052 BASEL, SWITZERLAND

ISSN: 1424-8220

Research Domain

Chemistry

Electrochemistry

Instruments & Instrumentation

able to various types of security attacks. A possible ones or in conjunction with them. Due to their used in wireless sensor networks, but recent paches in the field, offering a broad perspective of the and open research issues.

cks

omania.

3, Romania

Citation Network

In Web of Science Core Collection

7

Times Cited

[Create Citation Alert](#)

All Times Cited Counts

7 in All Databases

[See more counts](#)**74**

Cited References

[View Related Records](#)

Most recently cited by:

Bhasin, Vandana; Saxena, P. C.; Katti, C. P. Creating a secure index for distributed data on the sensor network. INTERNATIONAL JOURNAL OF SENSOR NETWORKS (2018)

Cala, Pawel; Slobodzian, Piotr. Circular antenna array based on small cavity-backed slot antennas for wireless battlefield sensor applications.