

# Lieven De Strycker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1520057/publications.pdf>

Version: 2024-02-01

15  
papers

170  
citations

1684188

5  
h-index

1474206

9  
g-index

15  
all docs

15  
docs citations

15  
times ranked

162  
citing authors

#	ARTICLE	IF	CITATIONS
1	Indoor Multipath Assisted Angle of Arrival Localization. Sensors, 2017, 17, 2522.	3.8	63
2	The Art of Designing Remote IoT Devices—Technologies and Strategies for a Long Battery Life. Sensors, 2021, 21, 913.	3.8	44
3	An Improved 2D Triangulation Algorithm for Use with Linear Arrays. IEEE Sensors Journal, 2016, , 1-1.	4.7	11
4	High precision hybrid RF and ultrasonic chirp-based ranging for low-power IoT nodes. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	2.4	9
5	Multi-RAT for IoT: The Potential in Combining LoRaWAN and NB-IoT. IEEE Communications Magazine, 2021, 59, 98-104.	6.1	9
6	Evaluation of shielding materials for low frequency RFID systems. , 2012, , .		8
7	Optimization of an RFID loop antenna with smart goal functions. , 2012, , .		6
8	Matlab based platform for the evaluation of modulation techniques used in VLC. , 2014, , .		4
9	An Experimental Evaluation of Energy Trade-Offs in Narrowband IoT. , 2020, , .		4
10	Positioning Energy-Neutral Devices: Technological Status and Hybrid RF-Acoustic Experiments. Future Internet, 2022, 14, 156.	3.8	3
11	Zero-Crossing Chirp Frequency Demodulation for Ultra-Low-Energy Precise Hybrid RF-Acoustic Ranging of Mobile Nodes. , 2020, 4, 1-4.		2
12	Contactless Multi-Sensor Solution for E-Treatment of Musculoskeletal Disorders. IEEE Access, 2021, 9, 20368-20375.	4.2	2
13	Energy-Neutral Devices: Can Hybrid RF-Acoustic Signals Point Them Out?. , 2020, , .		2
14	An Accurately Steerable, Compact Phased Array System for Narrowbeam Ultrasound Transmission. IEEE Sensors Journal, 2022, 22, 15385-15392.	4.7	2
15	Physical Layer Latency Management Mechanisms: A Study for Millimeter-Wave Wi-Fi. Electronics (Switzerland), 2021, 10, 1599.	3.1	1