

# Philip Lundrigan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6356025/publications.pdf>

Version: 2024-02-01

16  
papers

380  
citations

2258059

3  
h-index

2550090

3  
g-index

16  
all docs

16  
docs citations

16  
times ranked

368  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | RapidSmith: Do-It-Yourself CAD Tools for Xilinx FPGAs. , 2011, , .  |      | 83        |
| 2  | Fingerprint-Based Device-Free Localization Performance in Changing Environments. IEEE Journal on Selected Areas in Communications, 2015, 33, 2429-2438. | 14.0 | 81        |
| 3  | HMFlow: Accelerating FPGA Compilation with Hard Macros for Rapid Prototyping. , 2011, , .   |      | 75        |
| 4  | Indoor Household Particulate Matter Measurements Using a Network of Low-cost Sensors. Aerosol and Air Quality Research, 2020, 20, 381-394.              | 2.1  | 49        |
| 5  | Rapid prototyping tools for FPGA designs: RapidSmith. , 2010, , .   |      | 35        |
| 6  | Managing In-home Environments through Sensing, Annotating, and Visualizing Air Quality Data. , 2018, 2, 1-28.   |      | 32        |
| 7  | EpiFi: An in-Home IoT Architecture for Epidemiological Deployments. , 2018, , .   |      | 7         |
| 8  | Smart home air filtering system: A randomized controlled trial for performance evaluation. Smart Health, 2018, 9-10, 62-75.                             | 3.2  | 7         |
| 9  | IASA - indoor air quality sensing and automation. , 2017, , .   |      | 3         |
| 10 | On-Off Noise Power Communication. , 2019, , .   |      | 3         |
| 11 | The Hitchhiker's Guide to Successful Remote Sensing Deployments in Mongolia. , 2020, , .  |      | 2         |
| 12 | WiFu: A composable toolkit for experimental wireless transport protocols. , 2012, , .   |      | 1         |
| 13 | STRAP: Secure TRansfer of Association Protocol. , 2018, , .   |      | 1         |
| 14 | Utilizing a Blockchain for Managing Sensor Metadata in Exposure Health Studies. , 2022, , .   |      | 1         |
| 15 | Mobile Live Video Upstreaming. , 2016, , .  |      | 0         |
| 16 | Scheduling virtual wifi interfaces for high bandwidth video upstreaming using multipath TCP. , 2019, , .  |      | 0         |