

# Ravi Garg

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10405245/publications.pdf>

Version: 2024-02-01

15  
papers

607  
citations

1307594

7  
h-index

1720034

7  
g-index

15  
all docs

15  
docs citations

15  
times ranked

305  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | A Variational Approach to Video Registration with Subspace Constraints. International Journal of Computer Vision, 2013, 104, 286-314.   | 15.6 | 100       |
| 2  | â€œSeeingâ€•ENF: Power-Signature-Based Timestamp for Digital Multimedia via Optical Sensing and Signal Processing. IEEE Transactions on Information Forensics and Security, 2013, 8, 1417-1432. | 6.9  | 81        |
| 3  | An Efficient Gradient Descent Approach to Secure Localization in Resource Constrained Wireless Sensor Networks. IEEE Transactions on Information Forensics and Security, 2012, 7, 717-730.      | 6.9  | 67        |
| 4  | "Seeing" ENF. , 2011, , .   |      | 57        |
| 5  | ENF-Based Region-of-Recording Identification for Media Signals. IEEE Transactions on Information Forensics and Security, 2015, 10, 1125-1136.   | 6.9  | 56        |
| 6  | Spectrum Combining for ENF Signal Estimation. IEEE Signal Processing Letters, 2013, 20, 885-888.  | 3.6  | 53        |
| 7  | Geo-location estimation from Electrical Network Frequency signals. , 2013, , .  |      | 37        |
| 8  | Modeling and analysis of Electric Network Frequency signal for timestamp verification. , 2012, , .  |      | 31        |
| 9  | Exploiting rolling shutter for ENF signal extraction from video. , 2014, , .  |      | 31        |
| 10 | Anti-Forensics and Countermeasures of Electrical Network Frequency Analysis. IEEE Transactions on Information Forensics and Security, 2013, 8, 2073-2088.                                       | 6.9  | 25        |
| 11 | ENF Signal Induced by Power Grid. , 2014, , .   |      | 21        |
| 12 | Robust Trajectory-Space TV-L1 Optical Flow for Non-rigid Sequences. Lecture Notes in Computer Science, 2011, , 300-314.   | 1.3  | 20        |
| 13 | How secure are power network signature based time stamps?. , 2012, , .  |      | 12        |
| 14 | ENF based location classification of sensor recordings. , 2013, , .   |      | 12        |
| 15 | A gradient descent based approach to secure localization in mobile sensor networks. , 2012, , .   |      | 4         |