

# Alessandro Terenzi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8189568/publications.pdf>

Version: 2024-02-01

13  
papers

247  
citations

1307594

7  
h-index

1281871

11  
g-index

14  
all docs

14  
docs citations

14  
times ranked

107  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Smart Sensor-Based Measurement System for Advanced Bee Hive Monitoring. <i>Sensors</i> , 2020, 20, 2726.   | 3.8 | 60        |
| 2  | On the Importance of the Sound Emitted by Honey Bee Hives. <i>Veterinary Sciences</i> , 2020, 7, 168.  | 1.7 | 46        |
| 3  | Audio-based Identification of Beehive States. , 2019, , .  |     | 35        |
| 4  | Identification of Volterra Models of Tube Audio Devices using Multiple-Variance Method. <i>AES: Journal of the Audio Engineering Society</i> , 2018, 66, 823-838.  | 1.0 | 19        |
| 5  | Comparison of Feature Extraction Methods for Sound-Based Classification of Honey Bee Activity. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2022, 30, 112-122.                     | 5.8 | 18        |
| 6  | Features Extraction Applied to the Analysis of the Sounds Emitted by Honey Bees in a Beehive. , 2019, , .  |     | 16        |
| 7  | Nonlinear system identification using Wiener basis functions and multiple-variance perfect sequences. <i>Signal Processing</i> , 2019, 160, 137-149.   | 3.7 | 16        |
| 8  | Orthogonal Periodic Sequences for the Identification of Functional Link Polynomial Filters. <i>IEEE Transactions on Signal Processing</i> , 2020, 68, 5308-5321.   | 5.3 | 12        |
| 9  | A Room Impulse Response Measurement Method Robust Towards Nonlinearities Based on Orthogonal Periodic Sequences. <i>IEEE/ACM Transactions on Audio Speech and Language Processing</i> , 2021, 29, 3104-3117. | 5.8 | 8         |
| 10 | A Swept-Sine Pulse Compression Procedure for an Effective Measurement of Intermodulation Distortion. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020, 69, 1708-1719.                      | 4.7 | 6         |
| 11 | A Low-Complexity Linear-Phase Graphic Audio Equalizer Based on IFIR Filters. <i>IEEE Signal Processing Letters</i> , 2021, 28, 429-433.  | 3.6 | 5         |
| 12 | A Swept-Sine-Type Single Measurement to Estimate Intermodulation Distortion in a Dynamic Range of Audio Signal Amplitudes. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021, 70, 1-11.     | 4.7 | 3         |
| 13 | Review on Electric Vehicles Exterior Noise Generation and Evaluation. , 2020, , .  |     | 1         |