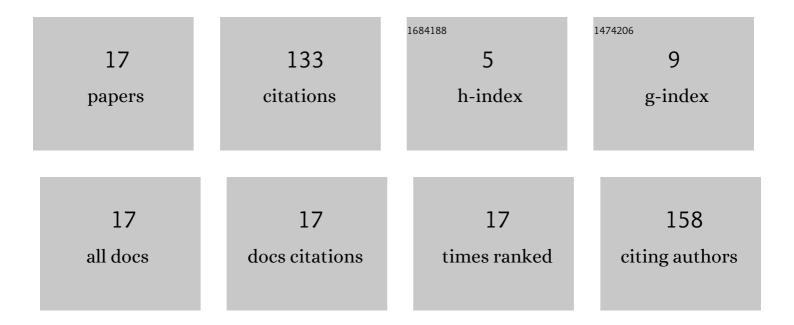
## Thibaut Raharijaona

List of Publications by Year in descending order

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ΤΗΙΒΛΙΙΤ ΡΛΗΛΡΙΙΛΟΝΑ

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Estimation of the distance from a surface based on local optic flow divergence. , 2021, , .   |     | 4         |
| 2  | Oscillations make a self-scaled model for honeybees' visual odometer reliable regardless of flight<br>trajectory. Journal of the Royal Society Interface, 2021, 18, 20210567. | 3.4 | 7         |
| 3  | A Three-Photo-Detector Optical Sensor Accurately Localizes a Mobile Robot Indoors by Using Two<br>Infrared Light-Emitting Diodes. IEEE Access, 2020, 8, 87490-87503.          | 4.2 | 18        |
| 4  | Eventâ€ <b>s</b> witched control design with guaranteed performances. International Journal of Robust and Nonlinear Control, 2017, 27, 2492-2509.                             | 3.7 | 3         |
| 5  | Local Positioning System Using Flickering Infrared LEDs. Sensors, 2017, 17, 2518.   | 3.8 | 32        |
| 6  | A Shape-Adjusted Tridimensional Reconstruction of Cultural Heritage Artifacts Using a Miniature<br>Quadrotor. Remote Sensing, 2016, 8, 858.                                   | 4.0 | 9         |
| 7  | HyperCube: A Small Lensless Position Sensing Device for the Tracking of Flickering Infrared LEDs.<br>Sensors, 2015, 15, 16484-16502.  | 3.8 | 5         |
| 8  | Suboptimal lunar landing GNC using nongimbaled optic-flow sensors. IEEE Transactions on Aerospace and Electronic Systems, 2015, 51, 2525-2545.                                | 4.7 | 3         |
| 9  | Optic flow-based nonlinear control and sub-optimal guidance for lunar landing. , 2014, , .  |     | 1         |
| 10 | Event-based speed control on a sensor-less miniature thruster. , 2014, , .  |     | 0         |
| 11 | Backup state observer based on Optic Flow applied to lunar landing. , 2014, , .   |     | 2         |
| 12 | Low-speed optic-flow sensor onboard an unmanned helicopter flying outside over fields. , 2013, , .  |     | 16        |
| 13 | Observability of Complex Systems: Minimal Cost Sensor Network Design. IFAC Postprint Volumes IPPV /<br>International Federation of Automatic Control, 2008, 41, 13287-13292.  | 0.4 | 2         |
| 14 | Optimal Sensor Network Design for Observability of Complex Systems. Proceedings of the American Control Conference, 2007, , .   | 0.0 | 4         |
| 15 | Structural analysis-based sensor location for diagnosis as optimization problem. , 2007, , .  |     | 3         |
| 16 | Control of Linear Full Vehicle Active Suspension System Using Sliding Mode Techniques. , 2006, , .  |     | 10        |
| 17 | Sliding Mode Control Applied to Active Suspension Using Nonlinear Full Vehicle and Actuator Dynamics. , 2006, , .   |     | 14        |