

Thibaut Raharijaona

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

133
citations

1684188

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17
docs citations

17
times ranked

158
citing authors

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