

# Brandon Stark

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10852096/publications.pdf>

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19  
papers

493  
citations

1683354

5  
h-index

1872312

6  
g-index

19  
all docs

19  
docs citations

19  
times ranked

504  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unmanned Aerial Systems for Low-Altitude Remote Sensing. , 2019, , 231-296.		0
2	Challenges in Water Stress Quantification Using Small Unmanned Aerial System (sUAS): Lessons from a Growing Season of Almond. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 88, 721-735.	2.0	35
3	Precision Counting of Sandhill Cranes in Staten Island by FAA Approved Small Unmanned Aerial System Night Missions. , 2017, , .		1
4	An analysis of the effect of the bidirectional reflectance distribution function on remote sensing imagery accuracy from Small Unmanned Aircraft Systems. , 2016, , .		16
5	Applicability of unmanned aerial systems for leak detection. , 2016, , .		10
6	A neurorobotic model of learning to shake a rattle. , 2015, , .		0
7	Extremum seeking control with fractional-order switching technique design for maximum power point tracking in photovoltaic systems. , 2015, , .		6
8	Adaptive fractional-order switching-type control method design for 3D fractional-order nonlinear systems. Nonlinear Dynamics, 2015, 82, 39-52.	2.7	186
9	A detailed field study of direct correlations between ground truth crop water stress and normalized difference vegetation index (NDVI) from small unmanned aerial system (sUAS). , 2015, , .		35
10	Fractional-order adaptive minimum energy cognitive lighting control strategy for the hybrid lighting system. Energy and Buildings, 2015, 87, 176-184.	3.1	64
11	Optimal Collection of High Resolution Aerial Imagery with Unmanned Aerial Systems. , 2014, , .		4
12	Adaptive minimum energy cognitive lighting control: Integer order vs fractional order strategies in sliding mode based extremum seeking. Mechatronics, 2013, 23, 863-872.	2.0	48
13	ADS-B for small Unmanned Aerial Systems: Case study and regulatory practices. , 2013, , .		42
14	Concept of Operations for Personal Remote Sensing Unmanned Aerial Systems. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 69, 5-20.	2.0	9
15	Design, Modeling and Validation of a T-Tail Unmanned Aerial Vehicle. Journal of Intelligent and Robotic Systems: Theory and Applications, 2013, 69, 91-107.	2.0	4
16	Dynamic flight modeling of a multi-mode flying wing quadrotor aircraft. , 2013, , .		11
17	A framework for analyzing human factors in unmanned aerial systems. , 2012, , .		5
18	A payload verification and management framework for small UAV-based personal remote sensing systems. , 2012, , .		13

#	ARTICLE	IF	CITATIONS
19	Global Extremum Seeking Control with Sliding Modes for output-feedback global tracking of nonlinear systems. , 2012, , .		4