

# Colin Greatwood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4848769/publications.pdf>

Version: 2024-02-01

10  
papers

181  
citations

1307594

7  
h-index

1720034

7  
g-index

10  
all docs

10  
docs citations

10  
times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reinforcement learning and model predictive control for robust embedded quadrotor guidance and control. <i>Autonomous Robots</i> , 2019, 43, 1681-1693.	4.8	45
2	Atmospheric Sampling on Ascension Island Using Multirotor UAVs. <i>Sensors</i> , 2017, 17, 1189.	3.8	29
3	Learning to Perform a Perched Landing on the Ground Using Deep Reinforcement Learning. <i>Journal of Intelligent and Robotic Systems: Theory and Applications</i> , 2018, 92, 685-704.	3.4	26
4	Perched landing manoeuvres with a variable sweep wing UAV. <i>Aerospace Science and Technology</i> , 2017, 71, 510-520.	4.8	22
5	Remote sensing and identification of volcanic plumes using fixed-wing UAVs over Volc�n de Fuego, Guatemala. <i>Journal of Field Robotics</i> , 2019, 36, 1192-1211.	6.0	22
6	Sensor-level computer vision with pixel processor arrays for agile robots. <i>Science Robotics</i> , 2022, 7, .	17.6	15
7	Methane mole fraction and $\hat{I}^{>13</sup>C}$ above and below the trade wind inversion at Ascension Island in air sampled by aerial robotics. <i>Geophysical Research Letters</i> , 2016, 43, 11,893.	4.0	14
8	Closed-Loop Q-Learning Control of a Small Unmanned Aircraft. , 2020, , .		6
9	Minimal Sensor Scanning Volumes for Helicopter Terrain Avoidance. , 2010, , .		1
10	Minimum Energy Wind Dependent Optimised Path Generation for Multirotors. , 2021, , .		1