

# Graham W Taylor

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/415055/publications.pdf>

Version: 2024-02-01

36  
papers

1,314  
citations

687363

13  
h-index

839539

18  
g-index

37  
all docs

37  
docs citations

37  
times ranked

1652  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automatic moth detection from trap images for pest management. Computers and Electronics in Agriculture, 2016, 123, 17-28.	7.7	250
2	Forecasting air quality time series using deep learning. Journal of the Air and Waste Management Association, 2018, 68, 866-886.	1.9	172
3	Learning Human Identity From Motion Patterns. IEEE Access, 2016, 4, 1810-1820.	4.2	133
4	Past, present and future approaches using computer vision for animal re-identification from camera trap data. Methods in Ecology and Evolution, 2019, 10, 461-470.	5.2	113
5	Glimpse Clouds: Human Activity Recognition from Unstructured Feature Points. , 2018, , .		97
6	Deep Learning Object Detection Methods for Ecological Camera Trap Data. , 2018, , .		93
7	Three critical factors affecting automated image species recognition performance for camera traps. Ecology and Evolution, 2020, 10, 3503-3517.	1.9	78
8	Multi-task Learning of Facial Landmarks and Expression. , 2014, , .		66
9	Domain Adaptation Using Representation Learning for the Classification of Remote Sensing Images. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 4198-4209.	4.9	61
10	Deep Learning Architectures for Soil Property Prediction. , 2015, , .		29
11	Semisupervised Hyperspectral Image Classification via Neighborhood Graph Learning. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1913-1917.	3.1	20
12	Designing learned CO <sub>2</sub> -based occupancy estimation in smart buildings. IET Wireless Sensor Systems, 2018, 8, 249-255.	1.7	18
13	Can Drosophila melanogaster tell who's who?. PLoS ONE, 2018, 13, e0205043.	2.5	18
14	Multisource Domain Adaptation for Remote Sensing Using Deep Neural Networks. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3328-3340.	6.3	18
15	Bulk arthropod abundance, biomass and diversity estimation using deep learning for computer vision. Methods in Ecology and Evolution, 2022, 13, 346-357.	5.2	17
16	Deep learning for supervised classification of spatial epidemics. Spatial and Spatio-temporal Epidemiology, 2019, 29, 187-198.	1.7	16
17	Learning with hidden variables. Current Opinion in Neurobiology, 2015, 35, 110-118.	4.2	14
18	SISC: End-to-End Interpretable Discovery Radiomics-Driven Lung Cancer Prediction via Stacked Interpretable Sequencing Cells. IEEE Access, 2019, 7, 145444-145454.	4.2	13

#	ARTICLE	IF	CITATIONS
19	Learning temporal attention in dynamic graphs with bilinear interactions. PLoS ONE, 2021, 16, e0247936.	2.5	12
20	Modout: Learning Multi-Modal Architectures by Stochastic Regularization. , 2017, , .		10
21	Real-Time End-to-End Action Detection with Two-Stream Networks. , 2018, , .		10
22	Machine Learning-Based Predictive Modeling of Anxiety and Depressive Symptoms During 8 Months of the COVID-19 Global Pandemic: Repeated Cross-sectional Survey Study. JMIR Mental Health, 2021, 8, e32876.	3.3	10
23	An Integrated System for Mapping Red Clover Ground Cover Using Unmanned Aerial Vehicles: A Case Study in Precision Agriculture. , 2015, , .		8
24	Dynamic contact networks of swine movement in Manitoba, Canada: Characterization and implications for infectious disease spread. Transboundary and Emerging Diseases, 2019, 66, 1910-1919.	3.0	7
25	The Ciona17 Dataset for Semantic Segmentation of Invasive Species in a Marine Aquaculture Environment. , 2017, , .		6
26	Generalized Hadamard-Product Fusion Operators for Visual Question Answering. , 2018, , .		6
27	Similarity learning networks for animal individual re-identification: an ecological perspective. Mammalian Biology, 2022, 102, 899-914.	1.5	5
28	Distributed Sensor Network for Indirect Occupancy Measurement in Smart Buildings. , 2018, , .		3
29	Learning a metric for class-conditional KNN. , 2016, , .		2
30	Convolutional Neural Networks Regularized by Correlated Noise. , 2018, , .		2
31	BLE Beacon Based Patient Tracking in Smart Care Facilities. , 2018, , .		2
32	Apparent Age Estimation with Relational Networks. , 2019, , .		2
33	Predicting dreissenid mussel abundance in nearshore waters using underwater imagery and deep learning. Limnology and Oceanography: Methods, 0, , .	2.0	2
34	Neural Response Time Analysis: XAI Using Only a Stopwatch. Applied AI Letters, 0, , .	2.2	1
35	One Health Informatics and the stewardship of complex systems. , 2021, , .		0
36	Learning with Less Labels in Digital Pathology Via Scribble Supervision from Natural Images. , 2022, , .		0