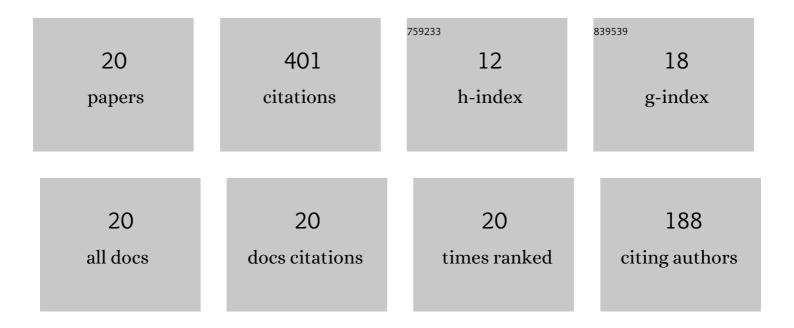
Samuel Jansson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9164778/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Insect abundance over Chinese rice fields in relation to environmental parameters, studied with a polarization-sensitive CW near-IR lidar system. Applied Physics B: Lasers and Optics, 2017, 123, 1.	2.2	51
2	The bat–bird–bug battle: daily flight activity of insects and their predators over a rice field revealed by high-resolution Scheimpflug Lidar. Royal Society Open Science, 2018, 5, 172303.	2.4	46
3	Multiband modulation spectroscopy for the determination of sex and species of mosquitoes in flight. Journal of Biophotonics, 2018, 11, e201800014.	2.3	46
4	Effective Parameterization of Laser Radar Observations of Atmospheric Fauna. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 327-334.	2.9	33
5	Lidar reveals activity anomaly of malaria vectors during pan-African eclipse. Science Advances, 2020, 6, eaay5487.	10.3	31
6	Can the narrow red bands of dragonflies be used to perceive wing interference patterns?. Ecology and Evolution, 2018, 8, 5369-5384.	1.9	25
7	Application of lidar remote sensing of insects in agricultural entomology on the Chinese scene. Journal of Applied Entomology, 2020, 144, 161-169.	1.8	23
8	Passive kHz lidar for the quantification of insect activity and dispersal. Animal Biotelemetry, 2018, 6, .	1.9	20
9	Advances in entomological laser radar. Journal of Engineering, 2019, 2019, 7542-7545.	1.1	16
10	A Scheimpflug lidar used to observe insect swarming at a wind turbine. Ecological Indicators, 2020, 117, 106578.	6.3	16
11	Real-time dispersal of malaria vectors in rural Africa monitored with lidar. PLoS ONE, 2021, 16, e0247803.	2.5	16
12	Bark beetles as lidar targets and prospects of photonic surveillance. Journal of Biophotonics, 2021, 14, e202000420.	2.3	15
13	Entomological Scheimpflug lidar for estimating unique insect classes in-situ field test from Ivory Coast. OSA Continuum, 2020, 3, 2362.	1.8	14
14	The Scheimpflug lidar method. , 2017, , .		11
15	First Polarimetric Investigation of Malaria Mosquitoes as Lidar Targets. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-8.	2.9	10
16	High Dynamic Range in Entomological Scheimpflug Lidars. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-11.	2.9	8
17	Potential for identification of wild night-flying moths by remote infrared microscopy. Journal of the Royal Society Interface, 2022, 19, .	3.4	8
18	Exploitation of an atmospheric lidar network node in single-shot mode for the classification of aerofauna. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	6

#	Article	IF	CITATIONS
19	Correlation of mosquito wing-beat harmonics to aid in species classification and flight heading assessment. , 2019, , .		4
20	Exploitation of Multi-Band Lidar for the Classification of Free-Flying Migratory Birds: A Pilot Study Over Athens, Greece. EPJ Web of Conferences, 2016, 119, 27002.	0.3	2