

Samuel Jansson

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

401
citations

759233

12
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

188
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential for identification of wild night-flying moths by remote infrared microscopy. Journal of the Royal Society Interface, 2022, 19, .	3.4	8
2	Bark beetles as lidar targets and prospects of photonic surveillance. Journal of Biophotonics, 2021, 14, e202000420.	2.3	15
3	Real-time dispersal of malaria vectors in rural Africa monitored with lidar. PLoS ONE, 2021, 16, e0247803.	2.5	16
4	High Dynamic Range in Entomological Scheimpflug Lidars. IEEE Journal of Selected Topics in Quantum Electronics, 2021, 27, 1-11.	2.9	8
5	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
6	Lidar reveals activity anomaly of malaria vectors during pan-African eclipse. Science Advances, 2020, 6, eaay5487.	10.3	31
7	A Scheimpflug lidar used to observe insect swarming at a wind turbine. Ecological Indicators, 2020, 117, 106578.	6.3	16
8	Entomological Scheimpflug lidar for estimating unique insect classes in-situ field test from Ivory Coast. OSA Continuum, 2020, 3, 2362.	1.8	14
9	First Polarimetric Investigation of Malaria Mosquitoes as Lidar Targets. IEEE Journal of Selected Topics in Quantum Electronics, 2019, 25, 1-8.	2.9	10
10	Advances in entomological laser radar. Journal of Engineering, 2019, 2019, 7542-7545.	1.1	16
11	Correlation of mosquito wing-beat harmonics to aid in species classification and flight heading assessment. , 2019, , .		4
12	The batâ€“birdâ€“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
13	Multiband modulation spectroscopy for the determination of sex and species of mosquitoes in flight. Journal of Biophotonics, 2018, 11, e201800014.	2.3	46
14	Passive kHz lidar for the quantification of insect activity and dispersal. Animal Biotelemetry, 2018, 6, .	1.9	20
15	Can the narrow red bands of dragonflies be used to perceive wing interference patterns?. Ecology and Evolution, 2018, 8, 5369-5384.	1.9	25
16	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
17	Exploitation of an atmospheric lidar network node in single-shot mode for the classification of aero fauna. Journal of Applied Remote Sensing, 2017, 11, 1.	1.3	6
18	The Scheimpflug lidar method. , 2017, , .		11

#	ARTICLE	IF	CITATIONS
19	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
20	Effective Parameterization of Laser Radar Observations of Atmospheric Fauna. IEEE Journal of Selected Topics in Quantum Electronics, 2016, 22, 327-334.	2.9	33