# Samuel Jansson

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9164778/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | 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 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 |
| 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 |