

# Kim Bjerge

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/834019/publications.pdf>

Version: 2024-02-01

10  
papers

420  
citations

1306789

7  
h-index

1372195

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12  
all docs

12  
docs citations

12  
times ranked

402  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time insect tracking and monitoring with computer vision and deep learning. Remote Sensing in Ecology and Conservation, 2022, 8, 315-327.	2.2	42
2	Deep learning and computer vision will transform entomology. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	203
3	An Automated Light Trap to Monitor Moths (Lepidoptera) Using Computer Vision-Based Tracking and Deep Learning. Sensors, 2021, 21, 343.	2.1	63
4	Vibration signatures in ball bearings as a function of lubricant viscosity ratio $\hat{\nu}$ , under alternating lubrication conditions. Tribology International, 2021, 156, 106840.	3.0	5
5	Camera Assisted Roadside Monitoring for Invasive Alien Plant Species Using Deep Learning. Sensors, 2021, 21, 6126.	2.1	4
6	A scalable and efficient convolutional neural network accelerator using HLS for a system-on-chip design. Microprocessors and Microsystems, 2021, 87, 104363.	1.8	8
7	A computer vision system to monitor the infestation level of Varroa destructor in a honeybee colony. Computers and Electronics in Agriculture, 2019, 164, 104898.	3.7	40
8	A system on programmable chip design of a digitizer with improved trapezoidal filter validation. Microprocessors and Microsystems, 2019, 65, 7-13.	1.8	1
9	Enhancing non-technical skills by a multidisciplinary engineering summer school. European Journal of Engineering Education, 2017, 42, 1076-1096.	1.5	11
10	A Living Laboratory Exploring Mobile Support for Everyday Life with Diabetes. Wireless Personal Communications, 2010, 53, 395-408.	1.8	22