

# Lucas Pjj Noldus

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11613746/publications.pdf>

Version: 2024-02-01

11  
papers

1,056  
citations

933447

10  
h-index

1372567

10  
g-index

11  
all docs

11  
docs citations

11  
times ranked

1723  
citing authors

#	ARTICLE	IF	CITATIONS
1	Automated image-based tracking and its application in ecology. Trends in Ecology and Evolution, 2014, 29, 417-428.	8.7	407
2	Automated high-throughput neurophenotyping of zebrafish social behavior. Journal of Neuroscience Methods, 2012, 210, 266-271.	2.5	144
3	Computerised video tracking, movement analysis and behaviour recognition in insects. Computers and Electronics in Agriculture, 2002, 35, 201-227.	7.7	137
4	Zebrafish embryos and larvae in behavioural assays. Behaviour, 2012, 149, 1241-1281.	0.8	107
5	A novel 3D method of locomotor analysis in adult zebrafish: Implications for automated detection of CNS drug-evoked phenotypes. Journal of Neuroscience Methods, 2015, 255, 66-74.	2.5	71
6	Measuring Behavior in the Home Cage: Study Design, Applications, Challenges, and Perspectives. Frontiers in Behavioral Neuroscience, 2021, 15, 735387.	2.0	46
7	An automated system for the recognition of various specific rat behaviours. Journal of Neuroscience Methods, 2013, 218, 214-224.	2.5	45
8	Learning to recognize rat social behavior: Novel dataset and cross-dataset application. Journal of Neuroscience Methods, 2018, 300, 166-172.	2.5	41
9	High-throughput phenotyping of plant resistance to aphids by automated video tracking. Plant Methods, 2015, 11, 4.	4.3	31
10	Deep learning improves automated rodent behavior recognition within a specific experimental setup. Journal of Neuroscience Methods, 2020, 332, 108536.	2.5	26
11	Software tools for behavioral phenotyping of zebrafish across the life span. , 2020, , 527-550.		1