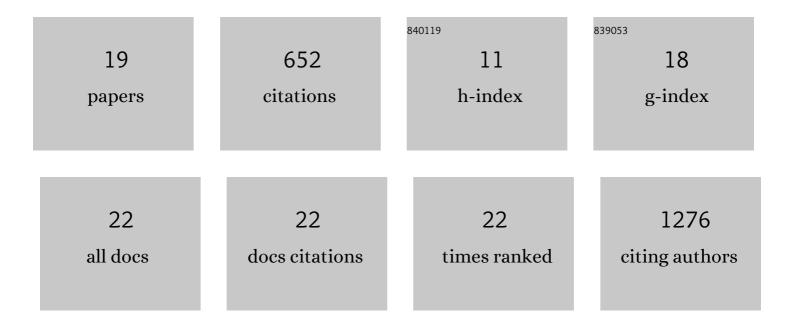
## Erik L G Wernersson

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9468839/publications.pdf

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | BLISS is a versatile and quantitative method for genome-wide profiling of DNA double-strand breaks.<br>Nature Communications, 2017, 8, 15058.   | 5.8 | 298       |
| 2  | GPSeq reveals the radial organization of chromatin in the cell nucleus. Nature Biotechnology, 2020, 38, 1184-1193.  | 9.4 | 49        |
| 3  | 3D tree-ring analysis using helical X-ray tomography. Dendrochronologia, 2014, 32, 39-46.   | 1.0 | 46        |
| 4  | iFISH is a publically available resource enabling versatile DNA FISH to study genome architecture.<br>Nature Communications, 2019, 10, 1636.  | 5.8 | 41        |
| 5  | Effects of defects on the tensile strength of short-fibre composite materials. Mechanics of Materials, 2014, 75, 125-134.   | 1.7 | 40        |
| 6  | Swelling of cellulose fibres in composite materials: Constraint effects of the surrounding matrix.<br>Composites Science and Technology, 2013, 74, 52-59.   | 3.8 | 38        |
| 7  | piRNAs initiate transcriptional silencing of spermatogenic genes during C.Âelegans germline<br>development. Developmental Cell, 2022, 57, 180-196.e7.   | 3.1 | 25        |
| 8  | Quantification of HER2 and estrogen receptor heterogeneity in breast cancer by single-molecule RNA<br>fluorescence in situ hybridization. Oncotarget, 2017, 8, 18680-18698.   | 0.8 | 24        |
| 9  | Extracting fiber and network connectivity data using microtomography images of paper. Nordic Pulp and Paper Research Journal, 2016, 31, 469-478.  | 0.3 | 17        |
| 10 | Characterisations of fibre networks in paper using micro computed tomography images. Nordic Pulp<br>and Paper Research Journal, 2014, 29, 468-475.  | 0.3 | 16        |
| 11 | New insights into the mechanisms behind the strengthening of lignocellulosic fibrous networks with polyamines. Cellulose, 2014, 21, 3941-3950.  | 2.4 | 13        |
| 12 | Postprocessing method for reducing phase effects in reconstructed microcomputed-tomography data. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 455.                                | 0.8 | 9         |
| 13 | Light scattering in fibrous media with different degrees of in-plane fiber alignment. Optics Express, 2014, 22, 16829.  | 1.7 | 9         |
| 14 | An Application-Directed, Versatile DNA FISH Platform for Research and Diagnostics. Methods in<br>Molecular Biology, 2018, 1766, 303-333.  | 0.4 | 8         |
| 15 | Segmentation of Wood Fibres in 3D CT Images Using Graph Cuts. Lecture Notes in Computer Science, 2009, , 92-102.  | 1.0 | 4         |
| 16 | Breaks Labeling in situ and sequencing (BLISS). Protocol Exchange, 0, , .   | 0.3 | 4         |
| 17 | A Bone Sample Containing a Bone Graft Substitute Analyzed by Correlating Density Information<br>Obtained by X-ray Micro Tomography with Compositional Information Obtained by Raman Microscopy.<br>Materials, 2015, 8, 3831-3853. | 1.3 | 3         |
| 18 | An atlas of endogenous DNA double-strand breaks arising during human neural cell fate<br>determination. Scientific Data, 2022, 9, .   | 2.4 | 3         |

| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 19 | Simultaneous visualization of DNA loci in single cells by combinatorial multi-color iFISH. Scientific Data, 2022, 9, 47. | 2.4 | 2         |