

# Erik L G Wernersson

## List of Publications by Year in descending order

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

Version: 2024-02-01

19  
papers

652  
citations

840119

11  
h-index

839053

18  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1276  
citing authors

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