

Erik L G Wernersson

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

652
citations

840776

11
h-index

839539

18
g-index

22
all docs

22
docs citations

22
times ranked

1276
citing authors

#	ARTICLE	IF	CITATIONS
1	piRNAs initiate transcriptional silencing of spermatogenic genes during C.Âelegans germline development. Developmental Cell, 2022, 57, 180-196.e7.	7.0	25
2	Simultaneous visualization of DNA loci in single cells by combinatorial multi-color iFISH. Scientific Data, 2022, 9, 47.	5.3	2
3	An atlas of endogenous DNA double-strand breaks arising during human neural cell fate determination. Scientific Data, 2022, 9, .	5.3	3
4	GPSeq reveals the radial organization of chromatin in the cell nucleus. Nature Biotechnology, 2020, 38, 1184-1193.	17.5	49
5	iFISH is a publically available resource enabling versatile DNA FISH to study genome architecture. Nature Communications, 2019, 10, 1636.	12.8	41
6	An Application-Directed, Versatile DNA FISH Platform for Research and Diagnostics. Methods in Molecular Biology, 2018, 1766, 303-333.	0.9	8
7	BLISS is a versatile and quantitative method for genome-wide profiling of DNA double-strand breaks. Nature Communications, 2017, 8, 15058.	12.8	298
8	Quantification of HER2 and estrogen receptor heterogeneity in breast cancer by single-molecule RNA fluorescence in situ hybridization. Oncotarget, 2017, 8, 18680-18698.	1.8	24
9	Extracting fiber and network connectivity data using microtomography images of paper. Nordic Pulp and Paper Research Journal, 2016, 31, 469-478.	0.7	17
10	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. Materials, 2015, 8, 3831-3853.	2.9	3
11	Light scattering in fibrous media with different degrees of in-plane fiber alignment. Optics Express, 2014, 22, 16829.	3.4	9
12	New insights into the mechanisms behind the strengthening of lignocellulosic fibrous networks with polyamines. Cellulose, 2014, 21, 3941-3950.	4.9	13
13	Effects of defects on the tensile strength of short-fibre composite materials. Mechanics of Materials, 2014, 75, 125-134.	3.2	40
14	3D tree-ring analysis using helical X-ray tomography. Dendrochronologia, 2014, 32, 39-46.	2.2	46
15	Characterisations of fibre networks in paper using micro computed tomography images. Nordic Pulp and Paper Research Journal, 2014, 29, 468-475.	0.7	16
16	Swelling of cellulose fibres in composite materials: Constraint effects of the surrounding matrix. Composites Science and Technology, 2013, 74, 52-59.	7.8	38
17	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.	1.5	9
18	Segmentation of Wood Fibres in 3D CT Images Using Graph Cuts. Lecture Notes in Computer Science, 2009, , 92-102.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Breaks Labeling in situ and sequencing (BLISS). Protocol Exchange, 0, , .	0.3	4