

# Sigurd Braun

## List of Publications by Year in descending order

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32  
papers

2,023  
citations

567281

15  
h-index

434195

31  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2965  
citing authors

#	ARTICLE	IF	CITATIONS
1	A comprehensive strategy enabling high-resolution functional analysis of the yeast genome. <i>Nature Methods</i> , 2008, 5, 711-718.	19.0	473
2	A Series of Ubiquitin Binding Factors Connects CDC48/p97 to Substrate Multiubiquitylation and Proteasomal Targeting. <i>Cell</i> , 2005, 120, 73-84.	28.9	469
3	Role of the ubiquitin-selective CDC48/UFD1/NPL4 chaperone (segregase) in ERAD of OLE1 and other substrates. <i>EMBO Journal</i> , 2002, 21, 615-621.	7.8	297
4	Glutathione and a UV Light-Induced Glutathione S-Transferase Are Involved in Signaling to Chalcone Synthase in Cell Cultures. <i>Plant Cell</i> , 2000, 12, 1939-1950.	6.6	139
5	Control of heterochromatin localization and silencing by the nuclear membrane protein Lem2. <i>Genes and Development</i> , 2016, 30, 133-148.	5.9	105
6	The Cul4-Ddb1-Cdt2 Ubiquitin Ligase Inhibits Invasion of a Boundary-Associated Antisilencing Factor into Heterochromatin. <i>Cell</i> , 2011, 144, 41-54.	28.9	93
7	Shaping the landscape: mechanistic consequences of ubiquitin modification of chromatin. <i>EMBO Reports</i> , 2012, 13, 619-630.	4.5	43
8	Global regulation of heterochromatin spreading by Leo1. <i>Open Biology</i> , 2015, 5, 150045.	3.6	43
9	The Histone Acetyltransferase Mst2 Protects Active Chromatin from Epigenetic Silencing by Acetylating the Ubiquitin Ligase Brl1. <i>Molecular Cell</i> , 2017, 67, 294-307.e9.	9.7	41
10	Shelterin and subtelomeric <sc>DNA</sc> sequences control nucleosome maintenance and genome stability. <i>EMBO Reports</i> , 2019, 20, .	4.5	30
11	Ers1 links HP1 to RNAi. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11258-11263.	7.1	27
12	Set1/COMPASS repels heterochromatin invasion at euchromatic sites by disrupting Suv39/Clr4 activity and nucleosome stability. <i>Genes and Development</i> , 2020, 34, 99-117.	5.9	26
13	Relationship between genome and epigenome - challenges and requirements for future research. <i>BMC Genomics</i> , 2014, 15, 487.	2.8	24
14	Dexamethasone-enhanced sensitivity of mouse hippocampal HT22 cells for oxidative stress is associated with the suppression of nuclear factor- $\kappa$ B. <i>Neuroscience Letters</i> , 2000, 295, 101-104.	2.1	22
15	A Synthetic Approach to Reconstruct the Evolutionary and Functional Innovations of the Plant Histone Variant H2A.W. <i>Current Biology</i> , 2021, 31, 182-191.e5.	3.9	20
16	Ers1, a Rapidly Diverging Protein Essential for RNA Interference-dependent Heterochromatic Silencing in <i>Schizosaccharomyces pombe</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 25770-25773.	3.4	18
17	SM $\alpha$ -protein-controlled ER-associated degradation discriminates between different SNAREs. <i>EMBO Reports</i> , 2007, 8, 1176-1182.	4.5	16
18	Sensitive and Quantitative Three-Color Protein Imaging in Fission Yeast Using Spectrally Diverse, Recoded Fluorescent Proteins with Experimentally-Characterized In Vivo Maturation Kinetics. <i>PLoS ONE</i> , 2016, 11, e0159292.	2.5	16

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19	The euchromatic histone mark H3K36me3 preserves heterochromatin through sequestration of an acetyltransferase complex in fission yeast. <i>Microbial Cell</i> , 2020, 7, 80-92.	3.2	16
20	The histone chaperone FACT facilitates heterochromatin spreading by regulating histone turnover and H3K9 methylation states. <i>Cell Reports</i> , 2021, 37, 109944.	6.4	16
21	ESCRT recruitment by the inner nuclear membrane protein Heh1 is regulated by Hub1-mediated alternative splicing. <i>Journal of Cell Science</i> , 2020, 133, .	2.0	14
22	The fission yeast nucleoporin Alm1 is required for proteasomal degradation of kinetochore components. <i>Journal of Cell Biology</i> , 2017, 216, 3591-3608.	5.2	13
23	Nucleolar release of rDNA repeats for repair involves SUMO-mediated untethering by the Cdc48/p97 segregase. <i>Nature Communications</i> , 2021, 12, 4918.	12.8	12
24	Beyond Tethering and the LEM domain: Miscellaneous functions of the inner nuclear membrane Lem2. <i>Nucleus</i> , 2016, 7, 523-531.	2.2	11
25	Neutral epigenetic inheritance: being prepared for future generations. <i>Nature Structural and Molecular Biology</i> , 2019, 26, 391-392.	8.2	7
26	Crosstalk between H2A variant-specific modifications impacts vital cell functions. <i>PLoS Genetics</i> , 2021, 17, e1009601.	3.5	7
27	Local chromatin context regulates the genetic requirements of the heterochromatin spreading reaction. <i>PLoS Genetics</i> , 2022, 18, e1010201.	3.5	6
28	TASKs for subtelomeres: when nucleosome loss and genome instability are favored. <i>Current Genetics</i> , 2019, 65, 1153-1160.	1.7	4
29	Chromatin binding and silencing: Two roles of the same protein Lem2. <i>Microbial Cell</i> , 2016, 3, 185-188.	3.2	3
30	ESCRTing Heterochromatin Out of the Nuclear Periphery. <i>Developmental Cell</i> , 2020, 53, 3-5.	7.0	2
31	Chaperoning heterochromatin: new roles of FACT in chromatin silencing. <i>Trends in Genetics</i> , 2022, 38, 646-649.	6.7	2
32	Shaping the landscape: mechanistic consequences of ubiquitin modification of chromatin. <i>EMBO Reports</i> , 2012, 13, 1152-1152.	4.5	0