

# Carsten Hoege

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12104418/publications.pdf>

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17  
papers

7,087  
citations

567281

15  
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940533

16  
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18  
all docs

18  
docs citations

18  
times ranked

7356  
citing authors

#	ARTICLE	IF	CITATIONS
1	Germline P Granules Are Liquid Droplets That Localize by Controlled Dissolution/Condensation. <i>Science</i> , 2009, 324, 1729-1732.	12.6	2,267
2	RAD6-dependent DNA repair is linked to modification of PCNA by ubiquitin and SUMO. <i>Nature</i> , 2002, 419, 135-141.	27.8	1,957
3	Sumo, ubiquitin's mysterious cousin. <i>Nature Reviews Molecular Cell Biology</i> , 2001, 2, 202-210.	37.0	685
4	SUMO-modified PCNA recruits Srs2 to prevent recombination during S phase. <i>Nature</i> , 2005, 436, 428-433.	27.8	556
5	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
6	Polar Positioning of Phase-Separated Liquid Compartments in Cells Regulated by an mRNA Competition Mechanism. <i>Cell</i> , 2016, 166, 1572-1584.e16.	28.9	283
7	Control of Rad52 recombination activity by double-strand break-induced SUMO modification. <i>Nature Cell Biology</i> , 2006, 8, 1284-1290.	10.3	167
8	The Rho GTPase-activating proteins RGA-3 and RGA-4 are required to set the initial size of PAR domains in <i>Caenorhabditis elegans</i> one-cell embryos. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 14976-14981.	7.1	112
9	PAR proteins diffuse freely across the anterior-posterior boundary in polarized <i>C. elegans</i> embryos. <i>Journal of Cell Biology</i> , 2011, 193, 583-594.	5.2	106
10	Guiding self-organized pattern formation in cell polarity establishment. <i>Nature Physics</i> , 2019, 15, 293-300.	16.7	96
11	LGL Can Partition the Cortex of One-Cell <i>Caenorhabditis elegans</i> Embryos into Two Domains. <i>Current Biology</i> , 2010, 20, 1296-1303.	3.9	92
12	Principles of PAR polarity in <i>Caenorhabditis elegans</i> embryos. <i>Nature Reviews Molecular Cell Biology</i> , 2013, 14, 315-322.	37.0	85
13	Cell cycle progression requires the CDC-48 <sup>UFD-1/NPL-4</sup> complex for efficient DNA replication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 12879-12884.	7.1	69
14	Local thermodynamics govern formation and dissolution of <i>Caenorhabditis elegans</i> P granule condensates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	64
15	Characterization of Protein Dynamics in Asymmetric Cell Division by Scanning Fluorescence Correlation Spectroscopy. <i>Biophysical Journal</i> , 2008, 95, 5476-5486.	0.5	52
16	In vitro Reconstitution of a Membrane Switch Mechanism for the Polarity Protein LGL. <i>Journal of Molecular Biology</i> , 2016, 428, 4828-4842.	4.2	15
17	Two-photon fluorescence imaging and correlation analysis applied to protein dynamics in <i>C. elegans</i> embryo. , 2008, , .		9