

# Jens Luders

## List of Publications by Year in descending order

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34  
papers

2,661  
citations

304743

22  
h-index

414414

32  
g-index

49  
all docs

49  
docs citations

49  
times ranked

3231  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ubiquitin-related BAG-1 Provides a Link between the Molecular Chaperones Hsc70/Hsp70 and the Proteasome. <i>Journal of Biological Chemistry</i> , 2000, 275, 4613-4617.	3.4	433
2	Microtubule-organizing centres: a re-evaluation. <i>Nature Reviews Molecular Cell Biology</i> , 2007, 8, 161-167.	37.0	346
3	GCP-WD is a $\hat{\gamma}$ -tubulin targeting factor required for centrosomal and chromatin-mediated microtubule nucleation. <i>Nature Cell Biology</i> , 2006, 8, 137-147.	10.3	285
4	Plk1-Dependent Recruitment of $\hat{\gamma}$ -Tubulin Complexes to Mitotic Centrosomes Involves Multiple PCM Components. <i>PLoS ONE</i> , 2009, 4, e5976.	2.5	194
5	CEP120 and SPICE1 Cooperate with CPAP in Centriole Elongation. <i>Current Biology</i> , 2013, 23, 1360-1366.	3.9	153
6	Non-centrosomal nucleation mediated by augmin organizes microtubules in post-mitotic neurons and controls axonal microtubule polarity. <i>Nature Communications</i> , 2016, 7, 12187.	12.8	153
7	The where, when and how of microtubule nucleation “one ring to rule them all. <i>Journal of Cell Science</i> , 2012, 125, 4445-56.	2.0	143
8	CEP63 deficiency promotes p53-dependent microcephaly and reveals a role for the centrosome in meiotic recombination. <i>Nature Communications</i> , 2015, 6, 7676.	12.8	96
9	The $\hat{\gamma}$ TuRC Revisited: A Comparative Analysis of Interphase and Mitotic Human $\hat{\gamma}$ TuRC Redefines the Set of Core Components and Identifies the Novel Subunit GCP8. <i>Molecular Biology of the Cell</i> , 2010, 21, 3963-3972.	2.1	93
10	Cep63 and Cep152 Cooperate to Ensure Centriole Duplication. <i>PLoS ONE</i> , 2013, 8, e69986.	2.5	83
11	Distinct Isoforms of the Cofactor BAG-1 Differentially Affect Hsc70 Chaperone Function. <i>Journal of Biological Chemistry</i> , 2000, 275, 14817-14823.	3.4	75
12	The dynamics of microtubule minus ends in the human mitotic spindle. <i>Nature Cell Biology</i> , 2014, 16, 770-778.	10.3	75
13	Microtubule-Organizing Centers: Towards a Minimal Parts List. <i>Trends in Cell Biology</i> , 2018, 28, 176-187.	7.9	67
14	MZT1 regulates microtubule nucleation by linking $\hat{\gamma}$ TuRC assembly to adapter-mediated targeting and activation. <i>Journal of Cell Science</i> , 2017, 130, 406-419.	2.0	64
15	The Augmin Connection in the Geometry of Microtubule Networks. <i>Current Biology</i> , 2015, 25, R294-R299.	3.9	60
16	The ubiquitin-like protein HUB1 forms SDS-resistant complexes with cellular proteins in the absence of ATP. <i>EMBO Reports</i> , 2003, 4, 1169-1174.	4.5	54
17	The amorphous pericentriolar cloud takes shape. <i>Nature Cell Biology</i> , 2012, 14, 1126-1128.	10.3	34
18	Assembly of the asymmetric human $\hat{\gamma}$ -tubulin ring complex by RUVBL1-RUVBL2 AAA ATPase. <i>Science Advances</i> , 2020, 6, .	10.3	34

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19	Cofactor-Induced Modulation of the Functional Specificity of the Molecular Chaperone Hsc70. <i>Biological Chemistry</i> , 1998, 379, 1217-1226.	2.5	32
20	NEK7 regulates dendrite morphogenesis in neurons via Eg5-dependent microtubule stabilization. <i>Nature Communications</i> , 2018, 9, 2330.	12.8	29
21	Sub-centrosomal mapping identifies augmin- $\hat{\text{T}}\text{uRC}$ as part of a centriole-stabilizing scaffold. <i>Nature Communications</i> , 2021, 12, 6042.	12.8	27
22	Peroxisome targeting of porcine 17 $\beta$ -hydroxysteroid dehydrogenase type IV/D-specific multifunctional protein 2 is mediated by its C-terminal tripeptide AKI. <i>Journal of Cellular Biochemistry</i> , 1999, 73, 70-78.	2.6	24
23	The Oncoprotein BCL11A Binds to Orphan Nuclear Receptor TLX and Potentiates its Transrepressive Function. <i>PLoS ONE</i> , 2012, 7, e37963.	2.5	24
24	SPICE $\hat{\text{a}}\text{€}$ a previously uncharacterized protein required for centriole duplication and mitotic chromosome congression. <i>Journal of Cell Science</i> , 2010, 123, 3039-3046.	2.0	18
25	Nucleating microtubules in neurons: Challenges and solutions. <i>Developmental Neurobiology</i> , 2021, 81, 273-283.	3.0	18
26	Microtubule Anchoring: Attaching Dynamic Polymers to Cellular Structures. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 867870.	3.7	13
27	Augmin deficiency in neural stem cells causes p53-dependent apoptosis and aborts brain development. <i>ELife</i> , 2021, 10, .	6.0	11
28	From tip to toe $\hat{\text{a}}\text{€}$ dressing centrioles in $\hat{\text{T}}\text{uRC}$ . <i>Journal of Cell Science</i> , 2021, 134, .	2.0	7
29	Pathway-specific effects of ADSL deficiency on neurodevelopment. <i>ELife</i> , 2022, 11, .	6.0	7
30	Imaging and Quantifying the Dynamics of $\hat{\text{T}}\text{uRC}$ -Tubulin at Microtubule Minus Ends in Mitotic Spindles. <i>Methods in Molecular Biology</i> , 2016, 1413, 63-75.	0.9	3
31	XMAP215 joins microtubule nucleation team. <i>Nature Cell Biology</i> , 2018, 20, 508-510.	10.3	2
32	Assaying Microtubule Nucleation. <i>Methods in Molecular Biology</i> , 2020, 2101, 163-178.	0.9	1
33	Principles of Microtubule Organization: Insight from the Study of Neurons. , 2016, , 79-115.		0
34	SAICAr-Dependent and Independent Effects of ADSL Deficiency on Neurodevelopment. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0