

# Christian PoÃes

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

5,508  
citations

218677

26  
h-index

138484

58  
g-index

68  
all docs

68  
docs citations

68  
times ranked

12494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
2	The Golgi Complex Is a Microtubule-organizing Organelle. <i>Molecular Biology of the Cell</i> , 2001, 12, 2047-2060.	2.1	278
3	Detection of GTP-Tubulin Conformation in Vivo Reveals a Role for GTP Remnants in Microtubule Rescues. <i>Science</i> , 2008, 322, 1353-1356.	12.6	233
4	The ins and outs of tubulin acetylation: More than just a post-translational modification?. <i>Cellular Signalling</i> , 2011, 23, 763-771.	3.6	186
5	Autophagy and microtubules – new story, old players. <i>Journal of Cell Science</i> , 2013, 126, 1071-1080.	2.0	179
6	Starvation-induced Hyperacetylation of Tubulin Is Required for the Stimulation of Autophagy by Nutrient Deprivation. <i>Journal of Biological Chemistry</i> , 2010, 285, 24184-24194.	3.4	172
7	SKIP, the Host Target of the Salmonella Virulence Factor SifA, Promotes Kinesin-1-Dependent Vacuolar Membrane Exchanges. <i>Traffic</i> , 2010, 11, 899-911.	2.7	99
8	Localized Mechanical Stress Promotes Microtubule Rescue. <i>Current Biology</i> , 2016, 26, 3399-3406.	3.9	77
9	Reactive Oxygen Species, AMP-activated Protein Kinase, and the Transcription Cofactor p300 Regulate $\alpha$ -Tubulin Acetyltransferase-1 ( $\alpha$ TAT-1/MEC-17)-dependent Microtubule Hyperacetylation during Cell Stress. <i>Journal of Biological Chemistry</i> , 2014, 289, 11816-11828.	3.4	75
10	Nanometric axial localization of single fluorescent molecules with modulated excitation. <i>Nature Photonics</i> , 2021, 15, 297-304.	31.4	70
11	Tubulin acetylation favors Hsp90 recruitment to microtubules and stimulates the signaling function of the Hsp90 clients Akt/PKB and p53. <i>Cellular Signalling</i> , 2009, 21, 529-539.	3.6	67
12	Glutamate dehydrogenase contributes to leucine sensing in the regulation of autophagy. <i>Autophagy</i> , 2013, 9, 850-860.	9.1	59
13	BHRF1, a BCL2 viral homolog, disturbs mitochondrial dynamics and stimulates mitophagy to dampen type I IFN induction. <i>Autophagy</i> , 2021, 17, 1296-1315.	9.1	53
14	Lysosome positioning coordinates mTORC1 activity and autophagy. <i>Nature Cell Biology</i> , 2011, 13, 342-344.	10.3	51
15	Kinesin-1 Regulates Microtubule Dynamics via a c-Jun N-terminal Kinase-dependent Mechanism. <i>Journal of Biological Chemistry</i> , 2009, 284, 31992-32001.	3.4	49
16	Stress-induced hyperacetylation of microtubule enhances mitochondrial fission and modulates the phosphorylation of Drp1 at 616Ser. <i>Cellular Signalling</i> , 2017, 39, 32-43.	3.6	44
17	Post-translational modifications of cardiac tubulin during chronic heart failure in the rat. <i>Molecular and Cellular Biochemistry</i> , 2002, 237, 39-46.	3.1	42
18	CLIPR-59 Is a Lipid Raft-associated Protein Containing a Cytoskeleton-associated Protein Glycine-rich Domain (CAP-Gly) That Perturbs Microtubule Dynamics. <i>Journal of Biological Chemistry</i> , 2004, 279, 41168-41178.	3.4	38

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19	Post-translational modifications of tubulin and microtubule stability in adult rat ventricular myocytes and immortalized HL-1 cardiomyocytes. <i>Molecular and Cellular Biochemistry</i> , 2004, 258, 35-48.	3.1	36
20	Paternal isodisomy for chromosome 2 as the cause of Criglerâ€Najjar type I syndrome. <i>European Journal of Human Genetics</i> , 2005, 13, 278-282.	2.8	35
21	Thermosensitive and Mucoadhesive Pluronic-Hydroxypropylmethylcellulose Hydrogel Containing the Mini-CD4 M48U1 Is a Promising Efficient Barrier against HIV Diffusion through Macaque Cervicovaginal Mucus. <i>Antimicrobial Agents and Chemotherapy</i> , 2015, 59, 2215-2222.	3.2	35
22	Elution mode of <i>Pneumocystis carinii</i> cysts in gravitational field-flow fractionation. <i>Biomedical Applications</i> , 1992, 579, 143-152.	1.7	32
23	Cancer-Related Functions and Subcellular Localizations of Septins. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 126.	3.7	32
24	Septin 9 has Two Polybasic Domains Critical to Septin Filament Assembly and Golgi Integrity. <i>IScience</i> , 2019, 13, 138-153.	4.1	31
25	Septin cooperation with tubulin polyglutamylation contributes to cancer cell adaptation to taxanes. <i>Oncotarget</i> , 2015, 6, 36063-36080.	1.8	31
26	STAT5B-mediated Growth Hormone Signaling Is Organized by Highly Dynamic Microtubules in Hepatic Cells. <i>Journal of Biological Chemistry</i> , 2005, 280, 1123-1131.	3.4	30
27	Kinesins and protein kinases: Key players in the regulation of microtubule dynamics and organization. <i>Archives of Biochemistry and Biophysics</i> , 2011, 510, 83-92.	3.0	29
28	Septin filament coalignment with microtubules depends on SEPT9_i1 and tubulin polyglutamylation, and is an early feature of acquired cell resistance to paclitaxel. <i>Cell Death and Disease</i> , 2019, 10, 54.	6.3	29
29	Modulation of septin and molecular motor recruitment in the microtubule environment of the Taxolâ€resistant human breast cancer cell line MDAâ€MBâ€231. <i>Proteomics</i> , 2011, 11, 3877-3886.	2.2	28
30	Cytoskeleton and Associated Proteins: Pleiotropic JNK Substrates and Regulators. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8375.	4.1	20
31	Cdc42 and its BORG2 and BORG3 effectors control the subcellular localization of septins between actin stress fibers and microtubules. <i>Current Biology</i> , 2021, 31, 4088-4103.e5.	3.9	20
32	Kinesin is involved in protecting nascent microtubules from disassembly after recovery from nocodazole treatment. <i>Experimental Cell Research</i> , 2005, 304, 483-492.	2.6	18
33	Early mitochondrial fragmentation is a potential inÂvitro biomarker of environmental stress. <i>Chemosphere</i> , 2019, 223, 577-587.	8.2	17
34	Insight into microtubule nucleation from tubulin-capping proteins. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 9859-9864.	7.1	15
35	Basal endothelial nitric oxide synthase (eNOS) phosphorylation on Ser1177 occurs in a stable microtubule- and tubulin acetylation-dependent manner. <i>Experimental Cell Research</i> , 2009, 315, 3509-3520.	2.6	14
36	Functional differences of short and long isoforms of spastin harboring missense mutation. <i>DMM Disease Models and Mechanisms</i> , 2018, 11, .	2.4	14

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37	Derivatization strategies for CE-IF analysis of biomarkers: Toward a clinical diagnostic of familial transthyretin amyloidosis. <i>Electrophoresis</i> , 2014, 35, 1050-1059.	2.4	13
38	Recombinant human interleukin 1 $\beta$ and tumor necrosis factor affect glycosylation of serum $\alpha$ 1-acid glycoprotein in rats. <i>Inflammation</i> , 1992, 16, 197-203.	3.8	12
39	Serum bikunin isoforms in congenital disorders of glycosylation and linkeropathies. <i>Journal of Inherited Metabolic Disease</i> , 2020, 43, 1349-1359.	3.6	12
40	Decrease of neuronal FKBP4/FKBP52 modulates perinuclear lysosomal positioning and MAPT/Tau behavior during MAPT/Tau-induced proteotoxic stress. <i>Autophagy</i> , 2021, 17, 3491-3510.	9.1	12
41	Stress-induced phosphorylation of CLIP-170 by JNK promotes microtubule rescue. <i>Journal of Cell Biology</i> , 2020, 219, .	5.2	12
42	Essential role of hyperacetylated microtubules in innate immunity escape orchestrated by the EBV-encoded BHRF1 protein. <i>PLoS Pathogens</i> , 2022, 18, e1010371.	4.7	10
43	Enlightenment about the new Architect-i2000 estradiol (Abbott Laboratories) immunoassay during in vitro fertilization. <i>Clinical Biochemistry</i> , 2007, 40, 1423-1426.	1.9	9
44	On-a-chip tryptic digestion of transthyretin: a step toward an integrated microfluidic system for the follow-up of familial transthyretin amyloidosis. <i>Analyst</i> , The, 2018, 143, 1077-1086.	3.5	8
45	Serum bikunin is a biomarker of linkeropathies. <i>Clinica Chimica Acta</i> , 2018, 485, 178-180.	1.1	8
46	Isoenzymatic diagnosis of filariae: a method for separation of lactate dehydrogenase isoenzymes from <i>Molinema dessetae</i> (Nematoda: Filarioidea). <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 109, 451-457.	0.2	5
47	Inherited Proteoglycan Biosynthesis Defects – Current Laboratory Tools and Bikunin as a Promising Blood Biomarker. <i>Genes</i> , 2021, 12, 1654.	2.4	5
48	Differential rates of glycoprotein secretion by isolated rat hepatocytes studied in terms of concanavalin A binding. <i>FEBS Journal</i> , 1992, 203, 277-283.	0.2	4
49	Differential secretion of $\alpha$ 1-acid glycoprotein occurs in the Golgi complex of isolated rat hepatocytes. Evidence of partial retention in the Golgi. <i>FEBS Journal</i> , 1994, 219, 1073-1079.	0.2	4
50	Modification of inflammatory processes by phenobarbital in rats. <i>Inflammation</i> , 1991, 15, 471-480.	3.8	3
51	In Depth 3D Single Molecule Localization Microscopy with Time Modulated Excitation. <i>Biophysical Journal</i> , 2020, 118, 149a.	0.5	3
52	Time-modulated excitation for enhanced single-molecule localization microscopy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2022, 380, 20200299.	3.4	3
53	$\alpha$ -Tubulin acetylation on lysine 40 controls cardiac glucose uptake. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H1032-H1043.	3.2	3
54	Hepatocyte differentiation of WIF-B cells includes a high capacity of interleukin-6-mediated induction of $\alpha$ 1-acid glycoprotein and $\alpha$ 2-macroglobulin. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1999, 1448, 403-408.	4.1	2

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55	Imaging GTP-Bound Tubulin. <i>Methods in Cell Biology</i> , 2013, 115, 139-153.	1.1	1
56	MAPping the Wnt pathway to hepatocellular carcinoma recurrence. <i>Gut</i> , 2016, 65, 1397-1400.	12.1	1
57	Microtubule reorientation in the blue spotlight: Cutting and CLASPIng at dynamic hot spots. <i>Journal of Cell Biology</i> , 2019, 218, 8-9.	5.2	1
58	Playing With Fluorescence Emission for Enhanced Superresolution Microscopy. <i>Biophysical Journal</i> , 2020, 118, 2a.	0.5	0
59	3D single molecule localization microscopy based on time modulated illumination (Conference) Tj ETQq1 1 0.784314 rgBT /Qverlock 10		