

# Thomas Kurth

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

793  
citations

623574

14  
h-index

552653

26  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1345  
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Microenvironment Stiffness Regulates Tumor Spheroid Growth and Mechanics via p21 and ROCK. <i>Advanced Biology</i> , 2019, 3, e1900128.	3.0	84
2	Convergent synthesis of diversified reversible network leads to liquid metal-containing conductive hydrogel adhesives. <i>Nature Communications</i> , 2021, 12, 2407.	5.8	70
3	3D FIB-SEM reconstruction of microtubule-organelle interaction in whole primary mouse $\hat{2}$ cells. <i>Journal of Cell Biology</i> , 2021, 220, .	2.3	64
4	Outer Segment Formation of Transplanted Photoreceptor Precursor Cells. <i>PLoS ONE</i> , 2012, 7, e46305.	1.1	62
5	Age-Dependent Labeling and Imaging of Insulin Secretory Granules. <i>Diabetes</i> , 2013, 62, 3687-3696.	0.3	58
6	VAMP-associated protein-A and oxysterol-binding protein-related protein 3 promote the entry of late endosomes into the nucleoplasmic reticulum. <i>Journal of Biological Chemistry</i> , 2018, 293, 13834-13848.	1.6	55
7	Noncovalently Assembled Electroconductive Hydrogel. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 14418-14425.	4.0	50
8	COVID-19 targets human adrenal glands. <i>Lancet Diabetes and Endocrinology</i> , the, 2022, 10, 13-16.	5.5	46
9	A Global Approach for Quantitative Super Resolution and Electron Microscopy on Cryo and Epoxy Sections Using Self-labeling Protein Tags. <i>Scientific Reports</i> , 2017, 7, 23.	1.6	43
10	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. <i>Gut</i> , 2021, 70, 485-498.	6.1	39
11	Uptake and Fate of Extracellular Membrane Vesicles: Nucleoplasmic Reticulum-Associated Late Endosomes as a New Gate to Intercellular Communication. <i>Cells</i> , 2020, 9, 1931.	1.8	38
12	Labeling of Ultrathin Resin Sections for Correlative Light and Electron Microscopy. <i>Methods in Cell Biology</i> , 2012, 111, 75-93.	0.5	29
13	Atp6ap2 deletion causes extensive vacuolation that consumes the insulin content of pancreatic $\hat{2}$ cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 19983-19988.	3.3	23
14	MERTK-Dependent Ensheathment of Photoreceptor Outer Segments by Human Pluripotent Stem Cell-Derived Retinal Pigment Epithelium. <i>Stem Cell Reports</i> , 2020, 14, 374-389.	2.3	17
15	Exosomal miRNAs from Prostate Cancer Impair Osteoblast Function in Mice. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1285.	1.8	16
16	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021, 6, eabf7473.	5.6	15
17	Reactive oligodendrocyte progenitor cells (re-)myelinate the regenerating zebrafish spinal cord. <i>Development (Cambridge)</i> , 2020, 147, .	1.2	13
18	Mouse Retinal Organoid Growth and Maintenance in Longer-Term Culture. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 645704.	1.8	13

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19	A single-cell atlas of <i>de novo</i> $\beta^2$ -cell regeneration reveals the contribution of hybrid $\beta^2/\beta^1$ -cells to diabetes recovery in zebrafish. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	12
20	The Mouse Retinal Organoid Trisection Recipe: Efficient Generation of 3D Retinal Tissue from Mouse Embryonic Stem Cells. <i>Methods in Molecular Biology</i> , 2019, 1834, 119-141.	0.4	11
21	Sequential in vivo labeling of insulin secretory granule pools in <i>INS</i> - <i>SNAP</i> transgenic pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
22	Correlative light and electron microscopy of wall formation in <i>Eimeria nieschulzi</i> . <i>Parasitology Research</i> , 2020, 119, 2667-2678.	0.6	6
23	Characterization of Total RNA, CD44, FASN, and PTEN mRNAs from Extracellular Vesicles as Biomarkers in Gastric Cancer Patients. <i>Cancers</i> , 2021, 13, 5975.	1.7	6
24	A workflow to investigate the impacts of weathered multi-walled carbon nanotubes to the mud snail <i>Lymnaea stagnalis</i> . <i>Environmental Science and Pollution Research</i> , 2022, 29, 26706-26725.	2.7	6
25	A Self-Assembled Matrix System for Cell Bioengineering Applications in Different Dimensions, Scales, and Geometries. <i>Small</i> , 2022, 18, e2104758.	5.2	3
26	TRPV4 Stimulation Level Regulates $Ca^{2+}$ -Dependent Control of Human Corneal Endothelial Cell Viability and Survival. <i>Membranes</i> , 2022, 12, 281.	1.4	1
27	Role of Dynamic Actin Cytoskeleton Remodeling in Foxp3+ Regulatory T Cell Development and Function: Implications for Osteoclastogenesis. <i>Frontiers in Immunology</i> , 2022, 13, 836646.	2.2	1