

Thomas Kurth

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

29
papers

385
citations

11
h-index

19
g-index

31
ext. papers

605
ext. citations

8
avg, IF

3.48
L-index

#	Paper	IF	Citations
29	A single-cell atlas of de novo T cell regeneration reveals the contribution of hybrid T cells to diabetes recovery in zebrafish.. <i>Development (Cambridge)</i> , 2022 , 149,	6.6	3
28	A Self-Assembled Matrix System for Cell-Bioengineering Applications in Different Dimensions, Scales, and Geometries.. <i>Small</i> , 2022 , e2104758	11	1
27	TRPV4 Stimulation Level Regulates Ca-Dependent Control of Human Corneal Endothelial Cell Viability and Survival.. <i>Membranes</i> , 2022 , 12,	3.8	1
26	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	8.4	0
25	Deficiency in X-linked inhibitor of apoptosis protein promotes susceptibility to microbial triggers of intestinal inflammation. <i>Science Immunology</i> , 2021 , 6, eabf7473	28	2
24	Characterization of Total RNA, CD44, FASN, and PTEN mRNAs from Extracellular Vesicles as Biomarkers in Gastric Cancer Patients. <i>Cancers</i> , 2021 , 13,	6.6	2
23	COVID-19 targets human adrenal glands. <i>Lancet Diabetes and Endocrinology</i> , 2021 ,	18.1	9
22	3D FIB-SEM reconstruction of microtubule-organelle interaction in whole primary mouse T cells. <i>Journal of Cell Biology</i> , 2021 , 220,	7.3	20
21	Mouse Retinal Organoid Growth and Maintenance in Longer-Term Culture. <i>Frontiers in Cell and Developmental Biology</i> , 2021 , 9, 645704	5.7	4
20	Convergent synthesis of diversified reversible network leads to liquid metal-containing conductive hydrogel adhesives. <i>Nature Communications</i> , 2021 , 12, 2407	17.4	16
19	SETDB1 is required for intestinal epithelial differentiation and the prevention of intestinal inflammation. <i>Gut</i> , 2021 , 70, 485-498	19.2	11
18	Sequential in vivo labeling of insulin secretory granule pools in - transgenic pigs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	4
17	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> , 2021 , 29, 26706	5.1	1
16	Reactive oligodendrocyte progenitor cells (re-)myelinate the regenerating zebrafish spinal cord. <i>Development (Cambridge)</i> , 2020 , 147,	6.6	7
15	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	8	6
14	Correlative light and electron microscopy of wall formation in <i>Eimeria nieschulzi</i> . <i>Parasitology Research</i> , 2020 , 119, 2667-2678	2.4	2
13	Uptake and Fate of Extracellular Membrane Vesicles: Nucleoplasmic Reticulum-Associated Late Endosomes as a New Gate to Intercellular Communication. <i>Cells</i> , 2020 , 9,	7.9	11

12	deletion causes extensive vacuolation that consumes the insulin content of pancreatic β cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 19983-19988	11.5	12
11	3D Microenvironment Stiffness Regulates Tumor Spheroid Growth and Mechanics via p21 and ROCK. <i>Advanced Biology</i> , 2019 , 3, e1900128	3.5	38
10	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	1.4	7
9	Noncovalently Assembled Electroconductive Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 14418-14425	9.5	40
8	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	5.4	34
7	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	4.9	29
6	Age-dependent labeling and imaging of insulin secretory granules. <i>Diabetes</i> , 2013 , 62, 3687-96	0.9	44
5	Outer segment formation of transplanted photoreceptor precursor cells. <i>PLoS ONE</i> , 2012 , 7, e46305	3.7	51
4	Labeling of ultrathin resin sections for correlative light and electron microscopy. <i>Methods in Cell Biology</i> , 2012 , 111, 75-93	1.8	25
3	3D FIB-SEM reconstruction of microtubule-organelle interaction in whole primary mouse beta cells		1
2	Purification of age-distinct insulin secretory granules through antigen restriction using the CLIP-tag		1
1	Sequential in vivo labeling of insulin secretory granule pools in INS-SNAP transgenic pigs		1