

Saskia Lippens

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

4,435
citations

304743

22
h-index

345221

36
g-index

38
all docs

38
docs citations

38
times ranked

6922
citing authors

#	ARTICLE	IF	CITATIONS
1	Bone marrow-derived monocytes give rise to self-renewing and fully differentiated Kupffer cells. <i>Nature Communications</i> , 2016, 7, 10321.	12.8	604
2	Activation of p38 MAPK is required for Bax translocation to mitochondria, cytochrome c release and apoptosis induced by UVB irradiation in human keratinocytes. <i>FASEB Journal</i> , 2004, 18, 1946-1948.	0.5	464
3	Stellate Cells, Hepatocytes, and Endothelial Cells Imprint the Kupffer Cell Identity on Monocytes Colonizing the Liver Macrophage Niche. <i>Immunity</i> , 2019, 51, 638-654.e9.	14.3	384
4	Cell death by cornification. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2013, 1833, 3471-3480.	4.1	358
5	Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. <i>Cell</i> , 2022, 185, 379-396.e38.	28.9	343
6	Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. <i>Immunity</i> , 2020, 53, 641-657.e14.	14.3	287
7	Caspase-14 protects against epidermal UVB photodamage and water loss. <i>Nature Cell Biology</i> , 2007, 9, 666-674.	10.3	266
8	Epidermal differentiation does not involve the pro-apoptotic executioner caspases, but is associated with caspase-14 induction and processing. <i>Cell Death and Differentiation</i> , 2000, 7, 1218-1224.	11.2	218
9	Programmed Cell Death Controlled by ANAC033/SOMBRERO Determines Root Cap Organ Size in Arabidopsis. <i>Current Biology</i> , 2014, 24, 931-940.	3.9	200
10	Death penalty for keratinocytes: apoptosis versus cornification. <i>Cell Death and Differentiation</i> , 2005, 12, 1497-1508.	11.2	195
11	Terminal Differentiation of Human Keratinocytes and Stratum Corneum Formation is Associated with Caspase-14 Activation. <i>Journal of Investigative Dermatology</i> , 2000, 115, 1148-1151.	0.7	186
12	Caspase-14 Is Required for Filaggrin Degradation to Natural Moisturizing Factors in the Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 2233-2241.	0.7	167
13	Sox9 Controls Self-Renewal of Oncogene Targeted Cells and Links Tumor Initiation and Invasion. <i>Cell Stem Cell</i> , 2015, 17, 60-73.	11.1	126
14	Cell death in the skin. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2009, 14, 549-569.	4.9	115
15	Developing 3D SEM in a broad biological context. <i>Journal of Microscopy</i> , 2015, 259, 80-96.	1.8	86
16	Vitamin D3 Induces Caspase-14 Expression in Psoriatic Lesions and Enhances Caspase-14 Processing in Organotypic Skin Cultures. <i>American Journal of Pathology</i> , 2004, 165, 833-841.	3.8	51
17	Caspase-14 is expressed in the epidermis, the choroid plexus, the retinal pigment epithelium and thymic Hassall's bodies. <i>Cell Death and Differentiation</i> , 2003, 10, 257-259.	11.2	44
18	An interactive ImageJ plugin for semi-automated image denoising in electron microscopy. <i>Nature Communications</i> , 2020, 11, 771.	12.8	36

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19	Investigating CNS synaptogenesis at single-synapse resolution by combining reverse genetics with correlative light and electron microscopy. <i>Development (Cambridge)</i> , 2015, 142, 394-405.	2.5	34
20	A novel RIPK4-IRF6 connection is required to prevent epithelial fusions characteristic for popliteal pterygium syndromes. <i>Cell Death and Differentiation</i> , 2015, 22, 1012-1024.	11.2	34
21	Three-dimensional ultrastructure of the brain pericyte-endothelial interface. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 2185-2200.	4.3	34
22	Sensory-Neuropathy-Causing Mutations in ATL3 Cause Aberrant ER Membrane Tethering. <i>Cell Reports</i> , 2018, 23, 2026-2038.	6.4	29
23	Elevated ^{63}Zn Levels Facilitate Epidermal and Biliary Oncogenic Transformation. <i>Journal of Investigative Dermatology</i> , 2017, 137, 494-505.	0.7	25
24	Serial block face-scanning electron microscopy for volume electron microscopy. <i>Methods in Cell Biology</i> , 2019, 152, 69-85.	1.1	24
25	An overview of state-of-the-art image restoration in electron microscopy. <i>Journal of Microscopy</i> , 2018, 271, 239-254.	1.8	22
26	Three-dimensional reconstruction of the intercalated disc including the intercellular junctions by applying volume scanning electron microscopy. <i>Histochemistry and Cell Biology</i> , 2018, 149, 479-490.	1.7	19
27	Keratinocyte-Specific Ablation of RIPK4 Allows Epidermal Cornification but Impairs Skin Barrier Formation. <i>Journal of Investigative Dermatology</i> , 2018, 138, 1268-1278.	0.7	14
28	MAVS deficiency induces gut dysbiotic microbiota conferring a proallergic phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 10404-10409.	7.1	14
29	Combining serial block face and focused ion beam scanning electron microscopy for 3D studies of rare events. <i>Methods in Cell Biology</i> , 2019, 152, 87-101.	1.1	12
30	A Bcl-2 transgene expressed in hepatocytes does not protect mice from fulminant liver destruction induced by Fas ligand. <i>Cytokine</i> , 2003, 22, 62-70.	3.2	10
31	Noise Analysis and Removal in 3D Electron Microscopy. <i>Lecture Notes in Computer Science</i> , 2014, , 31-40.	1.3	8
32	A workflow for 3D-CLEM investigating liver tissue. <i>Journal of Microscopy</i> , 2021, 281, 231-242.	1.8	7
33	Correlative light and volume electron microscopy (vCLEM): How community participation can advance developing technologies. <i>Journal of Microscopy</i> , 2021, 284, 97-102.	1.8	6
34	Targeted Studies Using Serial Block Face and Focused Ion Beam Scan Electron Microscopy. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	5
35	Image Degradation in Microscopic Images: Avoidance, Artifacts, and Solutions. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2016, 219, 41-67.	1.6	3
36	Caspase-14 overexpression in hairless mice is not involved in utricle formation. <i>Experimental Dermatology</i> , 2013, 22, 484-486.	2.9	2

#	ARTICLE	IF	CITATIONS
37	How tech-savvy employees make the difference in core facilities. EMBO Reports, 0, , .	4.5	2