

Johan A Slotman

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,017
citations

430874

18
h-index

501196

28
g-index

49
all docs

49
docs citations

49
times ranked

1869
citing authors

#	ARTICLE	IF	CITATIONS
1	Altered fibrin network structure and fibrinolysis in intensive care unit patients with COVID-19, not entirely explaining the increased risk of thrombosis. <i>Journal of Thrombosis and Haemostasis</i> , 2022, 20, 1412-1420.	3.8	8
2	Structured illumination microscopy with noise-controlled image reconstructions. <i>Nature Methods</i> , 2021, 18, 821-828.	19.0	40
3	Quantitative 3D microscopy highlights altered von Willebrand factor α IIb β 3 granule storage in patients with von Willebrand disease with distinct pathogenic mechanisms. <i>Research and Practice in Thrombosis and Haemostasis</i> , 2021, 5, e12595.	2.3	7
4	Growth factor dependent changes in nanoscale architecture of focal adhesions. <i>Scientific Reports</i> , 2021, 11, 2315.	3.3	6
5	RNA polymerase II is required for spatial chromatin reorganization following exit from mitosis. <i>Science Advances</i> , 2021, 7, eabg8205.	10.3	70
6	Does Fibrin Structure Contribute to the Increased Risk of Thrombosis in COVID-19 ICU Patients?. <i>Blood</i> , 2021, 138, 3208-3208.	1.4	3
7	Uptake and subcellular distribution of radiolabeled polymersomes for radiotherapy. <i>Nanotheranostics</i> , 2020, 4, 14-25.	5.2	15
8	Growth Hormone Receptor Regulation in Cancer and Chronic Diseases. <i>Frontiers in Endocrinology</i> , 2020, 11, 597573.	3.5	30
9	Structure-function relation of the developing calyx of Held synapse <i>in vivo</i> . <i>Journal of Physiology</i> , 2020, 598, 4603-4619.	2.9	8
10	Super-resolution imaging of RAD51 and DMC1 in DNA repair foci reveals dynamic distribution patterns in meiotic prophase. <i>PLoS Genetics</i> , 2020, 16, e1008595.	3.5	27
11	Redundant and specific roles of cohesin STAG subunits in chromatin looping and transcriptional control. <i>Genome Research</i> , 2020, 30, 515-527.	5.5	54
12	AMPA Auxiliary Protein SHISA6 Facilitates Purkinje Cell Synaptic Excitability and Procedural Memory Formation. <i>Cell Reports</i> , 2020, 31, 107515.	6.4	17
13	Title is missing!. , 2020, 16, e1008595.		0
14	Title is missing!. , 2020, 16, e1008595.		0
15	Title is missing!. , 2020, 16, e1008595.		0
16	Title is missing!. , 2020, 16, e1008595.		0
17	Title is missing!. , 2020, 16, e1008595.		0
18	Title is missing!. , 2020, 16, e1008595.		0

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19	Dynamics and distribution of paxillin, vinculin, zyxin and VASP depend on focal adhesion location and orientation. <i>Scientific Reports</i> , 2019, 9, 10460.	3.3	63
20	Modular actin nano-architecture enables podosome protrusion and mechanosensing. <i>Nature Communications</i> , 2019, 10, 5171.	12.8	56
21	Heterogeneous clinical phenotypes and cerebral malformations reflected by rotatin cellular dynamics. <i>Brain</i> , 2019, 142, 867-884.	7.6	22
22	Three-dimensional architecture of common benign and precancerous prostate epithelial lesions. <i>Histopathology</i> , 2019, 74, 1036-1044.	2.9	11
23	Three-dimensional analysis reveals two major architectural subgroups of prostate cancer growth patterns. <i>Modern Pathology</i> , 2019, 32, 1032-1041.	5.5	30
24	CDK1-mediated phosphorylation at H2B serine 6 is required for mitotic chromosome segregation. <i>Journal of Cell Biology</i> , 2019, 218, 1164-1181.	5.2	21
25	SMoLR: visualization and analysis of single-molecule localization microscopy data in R. <i>BMC Bioinformatics</i> , 2019, 20, 30.	2.6	14
26	Local axonal morphology guides the topography of interneuron myelination in mouse and human neocortex. <i>ELife</i> , 2019, 8, .	6.0	51
27	Super-Resolution Immunofluorescence Imaging of Platelet Granules. <i>Blood</i> , 2019, 134, 3613-3613.	1.4	1
28	Alpha particle spectroscopy using FNTD and SIM super-resolution microscopy. <i>Journal of Microscopy</i> , 2018, 270, 326-334.	1.8	11
29	Live cell analyses of synaptonemal complex dynamics and chromosome movements in cultured mouse testis tubules and embryonic ovaries. <i>Chromosoma</i> , 2018, 127, 341-359.	2.2	19
30	Correlation profiling of brain sub-cellular proteomes reveals co-assembly of synaptic proteins and subcellular distribution. <i>Scientific Reports</i> , 2017, 7, 12107.	3.3	55
31	The formins FHOD1 and INF2 regulate inter- and intra-structural contractility of podosomes. <i>Journal of Cell Science</i> , 2016, 129, 298-313.	2.0	51
32	Incorporation of a Valine-Leucine-Lysine-Containing Substrate in the Bacterial Cell Wall. <i>Bioconjugate Chemistry</i> , 2016, 27, 2418-2423.	3.6	2
33	Insulator speckles associated with long-distance chromatin contacts. <i>Biology Open</i> , 2016, 5, 1266-1274.	1.2	11
34	Group 1 metabotropic glutamate receptors 1 and 5 form a protein complex in mouse hippocampus and cortex. <i>Proteomics</i> , 2016, 16, 2698-2705.	2.2	52
35	Actomyosin-dependent dynamic spatial patterns of cytoskeletal components drive mesoscale podosome organization. <i>Nature Communications</i> , 2016, 7, 13127.	12.8	57
36	VASP, zyxin and TES are tension-dependent members of Focal Adherens Junctions independent of the β -catenin-vinculin module. <i>Scientific Reports</i> , 2015, 5, 17225.	3.3	56

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37	Incomplete meiotic sex chromosome inactivation in the domestic dog. BMC Genomics, 2015, 16, 291.	2.8	14
38	Acetylcholine Receptor (AChR) Clustering Is Regulated Both by Glycogen Synthase Kinase 3 β (GSK3 β)-dependent Phosphorylation and the Level of CLIP-associated Protein 2 (CLASP2) Mediating the Capture of Microtubule Plus-ends. Journal of Biological Chemistry, 2014, 289, 30857-30867.	3.4	19
39	Image filtering in structured illumination microscopy using the Lukosz bound. Optics Express, 2013, 21, 24431.	3.4	25
40	Identification of the ubiquitin ligase Triad1 as a regulator of endosomal transport. Biology Open, 2012, 1, 607-614.	1.2	21
41	Ubc13 and COOH Terminus of Hsp70-interacting Protein (CHIP) Are Required for Growth Hormone Receptor Endocytosis. Journal of Biological Chemistry, 2012, 287, 15533-15543.	3.4	31
42	Specificity, location and function of TrCP isoforms and their splice variants. Cellular Signalling, 2011, 23, 641-647.	3.6	22