

# Prisca Liberali

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7513774/publications.pdf>

Version: 2024-02-01

34  
papers

2,654  
citations

331259

21  
h-index

395343

33  
g-index

39  
all docs

39  
docs citations

39  
times ranked

3921  
citing authors

#	ARTICLE	IF	CITATIONS
1	Tissue geometry drives deterministic organoid patterning. <i>Science</i> , 2022, 375, eaaw9021.	6.0	186
2	Adaptive differentiation for fast barrier restoration. <i>Developmental Cell</i> , 2022, 57, 147-148.	3.1	0
3	Liver Colonization by Colorectal Cancer Metastases Requires YAP-Controlled Plasticity at the Micrometastatic Stage. <i>Cancer Research</i> , 2022, 82, 1953-1968.	0.4	29
4	Systematically quantifying morphological features reveals constraints on organoid phenotypes. <i>Cell Systems</i> , 2022, 13, 547-560.e3.	2.9	8
5	Retrograde movements determine effective stem cell numbers in the intestine. <i>Nature</i> , 2022, 607, 548-554.	13.7	26
6	Cell fate coordinates mechano-osmotic forces in intestinal crypt formation. <i>Nature Cell Biology</i> , 2021, 23, 733-744.	4.6	102
7	ZNRF3 and RNF43 cooperate to safeguard metabolic liver zonation and hepatocyte proliferation. <i>Cell Stem Cell</i> , 2021, 28, 1822-1837.e10.	5.2	42
8	Collective behaviours in organoids. <i>Current Opinion in Cell Biology</i> , 2021, 72, 81-90.	2.6	12
9	The Organoid Cell Atlas. <i>Nature Biotechnology</i> , 2021, 39, 13-17.	9.4	96
10	Organoids in image-based phenotypic chemical screens. <i>Experimental and Molecular Medicine</i> , 2021, 53, 1495-1502.	3.2	50
11	Single cell biology – a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 74-97.	1.8	3
12	Design principles of tissue organisation: How single cells coordinate across scales. <i>Current Opinion in Cell Biology</i> , 2020, 67, 37-45.	2.6	28
13	Phenotypic landscape of intestinal organoid regeneration. <i>Nature</i> , 2020, 586, 275-280.	13.7	162
14	Engineering human knock-in organoids. <i>Nature Cell Biology</i> , 2020, 22, 261-263.	4.6	6
15	RDCNet: Instance Segmentation with a Minimalist Recurrent Residual Network. <i>Lecture Notes in Computer Science</i> , 2020, , 434-443.	1.0	6
16	Exploring single cells in space and time during tissue development, homeostasis and regeneration. <i>Development (Cambridge)</i> , 2019, 146, .	1.2	51
17	Self-organization and symmetry breaking in intestinal organoid development. <i>Nature</i> , 2019, 569, 66-72.	13.7	362
18	From single cells to tissue self-organization. <i>FEBS Journal</i> , 2019, 286, 1495-1513.	2.2	52

#	ARTICLE	IF	CITATIONS
19	Primed Track, high-fidelity lineage tracing in mouse pre-implantation embryos using primed conversion of photoconvertible proteins. <i>ELife</i> , 2019, 8, .	2.8	4
20	Modifiers of prion protein biogenesis and recycling identified by a highly parallel endocytosis kinetics assay. <i>Journal of Biological Chemistry</i> , 2017, 292, 8356-8368.	1.6	19
21	Sumoylation regulates EXO1 stability and processing of DNA damage. <i>Cell Cycle</i> , 2015, 14, 2439-2450.	1.3	44
22	Trajectories of cell-cycle progression from fixed cell populations. <i>Nature Methods</i> , 2015, 12, 951-954.	9.0	97
23	Single-cell and multivariate approaches in genetic perturbation screens. <i>Nature Reviews Genetics</i> , 2015, 16, 18-32.	7.7	80
24	A Hierarchical Map of Regulatory Genetic Interactions in Membrane Trafficking. <i>Cell</i> , 2014, 157, 1473-1487.	13.5	93
25	Predicting functional gene interactions with the hierarchical interaction score. <i>Nature Methods</i> , 2013, 10, 1089-1092.	9.0	27
26	Molecular mechanism and functional role of brefeldin A-mediated ADP-ribosylation of CtBP1/BARS. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9794-9799.	3.3	37
27	Single-cell analysis of population context advances RNAi screening at multiple levels. <i>Molecular Systems Biology</i> , 2012, 8, 579.	3.2	153
28	Towards quantitative cell biology. <i>Nature Cell Biology</i> , 2012, 14, 1233-1233.	4.6	11
29	Population context determines cell-to-cell variability in endocytosis and virus infection. <i>Nature</i> , 2009, 461, 520-523.	13.7	371
30	The closure of Pak1-dependent macropinosomes requires the phosphorylation of CtBP1/BARS. <i>EMBO Journal</i> , 2008, 27, 970-981.	3.5	177
31	Protein Kinases: Starting a Molecular Systems View of Endocytosis. <i>Annual Review of Cell and Developmental Biology</i> , 2008, 24, 501-523.	4.0	38
32	A Raft-derived, Pak1-regulated Entry Participates in $\beta$ 1 Integrin-dependent Sorting to Caveosomes. <i>Molecular Biology of the Cell</i> , 2008, 19, 2857-2869.	0.9	92
33	Steady-State and Laser Flash Photolysis Study of the Carbon-Carbon Bond Fragmentation Reactions of 2-Arylsulfanyl Alcohol Radical Cations. <i>Journal of Organic Chemistry</i> , 2004, 69, 8323-8330.	1.7	15
34	Electron Transfer and Singlet Oxygen Mechanisms in the Photooxygenation of Dibutyl Sulfide and Thioanisole in MeCN Sensitized by N-Methylquinolinium Tetrafluoroborate and 9,10-Dicyanoanthracene. The Probable Involvement of a Thiadioxirane Intermediate in Electron Transfer Photooxygenations. <i>Journal of the American Chemical Society</i> , 2003, 125, 16444-16454.	6.6	156