

Krzysztof Polański

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3634412/publications.pdf>

Version: 2024-02-01

29
papers

7,891
citations

279798

23
h-index

477307

29
g-index

45
all docs

45
docs citations

45
times ranked

14503
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-cell reconstruction of the early maternal-fetal interface in humans. <i>Nature</i> , 2018, 563, 347-353.	27.8	1,547
2	Cells of the adult human heart. <i>Nature</i> , 2020, 588, 466-472.	27.8	852
3	A cellular census of human lungs identifies novel cell states in health and in asthma. <i>Nature Medicine</i> , 2019, 25, 1153-1163.	30.7	631
4	Bringing numerous methods for expression and promoter analysis to a public cloud computing service. <i>Bioinformatics</i> , 2018, 34, 884-886.	4.1	573
5	BBKNN: fast batch alignment of single cell transcriptomes. <i>Bioinformatics</i> , 2020, 36, 964-965.	4.1	517
6	Single-cell multi-omics analysis of the immune response in COVID-19. <i>Nature Medicine</i> , 2021, 27, 904-916.	30.7	452
7	Decoding human fetal liver haematopoiesis. <i>Nature</i> , 2019, 574, 365-371.	27.8	392
8	A cell atlas of human thymic development defines T cell repertoire formation. <i>Science</i> , 2020, 367, .	12.6	368
9	Spatiotemporal immune zonation of the human kidney. <i>Science</i> , 2019, 365, 1461-1466.	12.6	281
10	Cells of the human intestinal tract mapped across space and time. <i>Nature</i> , 2021, 597, 250-255.	27.8	266
11	Cross-tissue immune cell analysis reveals tissue-specific features in humans. <i>Science</i> , 2022, 376, eabl5197.	12.6	265
12	Developmental cell programs are co-opted in inflammatory skin disease. <i>Science</i> , 2021, 371, .	12.6	264
13	Mapping the temporal and spatial dynamics of the human endometrium in vivo and in vitro. <i>Nature Genetics</i> , 2021, 53, 1698-1711.	21.4	238
14	Local and systemic responses to SARS-CoV-2 infection in children and adults. <i>Nature</i> , 2022, 602, 321-327.	27.8	179
15	Distinct microbial and immune niches of the human colon. <i>Nature Immunology</i> , 2020, 21, 343-353.	14.5	175
16	Transcriptional Dynamics Driving MAMP-Triggered Immunity and Pathogen Effector-Mediated Immunosuppression in Arabidopsis Leaves Following Infection with <i>Pseudomonas syringae</i> pv tomato DC3000. <i>Plant Cell</i> , 2015, 27, 3038-3064.	6.6	148
17	Mapping the developing human immune system across organs. <i>Science</i> , 2022, 376, eabo0510.	12.6	126
18	BraCeR: B-cell-receptor reconstruction and clonality inference from single-cell RNA-seq. <i>Nature Methods</i> , 2018, 15, 563-565.	19.0	84

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19	Tumors induce de novo steroid biosynthesis in T cells to evade immunity. <i>Nature Communications</i> , 2020, 11, 3588.	12.8	54
20	Long-term High Fat Ketogenic Diet Promotes Renal Tumor Growth in a Rat Model of Tuberous Sclerosis. <i>Scientific Reports</i> , 2016, 6, 21807.	3.3	46
21	Detection of metabolites discriminating subtypes of thyroid cancer: Molecular profiling of FFPE samples using the GC/MS approach. <i>Molecular and Cellular Endocrinology</i> , 2015, 417, 149-157.	3.2	45
22	Wigwams: identifying gene modules co-regulated across multiple biological conditions. <i>Bioinformatics</i> , 2014, 30, 962-970.	4.1	36
23	An Optimized Method of Metabolite Extraction from Formalin-Fixed Paraffin-Embedded Tissue for GC/MS Analysis. <i>PLoS ONE</i> , 2015, 10, e0136902.	2.5	32
24	MultiMAP: dimensionality reduction and integration of multimodal data. <i>Genome Biology</i> , 2021, 22, 346.	8.8	27
25	User-friendly, scalable tools and workflows for single-cell RNA-seq analysis. <i>Nature Methods</i> , 2021, 18, 327-328.	19.0	26
26	Panel of serum metabolites discriminates cancer patients and healthy participants of lung cancer screening - a pilot study. <i>Acta Biochimica Polonica</i> , 2017, 64, 513-518.	0.5	25
27	Single-cell Atlas of common variable immunodeficiency shows germinal center-associated epigenetic dysregulation in B-cell responses. <i>Nature Communications</i> , 2022, 13, 1779.	12.8	25
28	Metabolic Profiles of Whole Serum and Serum-Derived Exosomes Are Different in Head and Neck Cancer Patients Treated by Radiotherapy. <i>Journal of Personalized Medicine</i> , 2020, 10, 229.	2.5	22
29	Ionizing radiation induces changes in profile of metabolites in serum of cancer patients. <i>Acta Biochimica Polonica</i> , 2017, 64, 189-193.	0.5	12