

# Jan Schroeder

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/129243/publications.pdf>

Version: 2024-02-01

24  
papers

1,915  
citations

623734

14  
h-index

610901

24  
g-index

24  
all docs

24  
docs citations

24  
times ranked

4001  
citing authors

#	ARTICLE	IF	CITATIONS
1	UV-Associated Mutations Underlie the Etiology of MCV-Negative Merkel Cell Carcinomas. <i>Cancer Research</i> , 2015, 75, 5228-5234.	0.9	270
2	Musket: a multistage <i>k</i> -mer spectrum-based error corrector for Illumina sequence data. <i>Bioinformatics</i> , 2013, 29, 308-315.	4.1	266
3	GRIDSS: sensitive and specific genomic rearrangement detection using positional de Bruijn graph assembly. <i>Genome Research</i> , 2017, 27, 2050-2060.	5.5	255
4	Modelling human blastocysts by reprogramming fibroblasts into iBlastoids. <i>Nature</i> , 2021, 591, 627-632.	27.8	211
5	The Architecture and Evolution of Cancer Neochromosomes. <i>Cancer Cell</i> , 2014, 26, 653-667.	16.8	161
6	Correcting errors in short reads by multiple alignments. <i>Bioinformatics</i> , 2011, 27, 1455-1461.	4.1	145
7	SHREC: a short-read error correction method. <i>Bioinformatics</i> , 2009, 25, 2157-2163.	4.1	133
8	Reprogramming roadmap reveals route to human induced trophoblast stem cells. <i>Nature</i> , 2020, 586, 101-107.	27.8	131
9	Socrates: identification of genomic rearrangements in tumour genomes by re-aligning soft clipped reads. <i>Bioinformatics</i> , 2014, 30, 1064-1072.	4.1	75
10	Nicotinamide riboside attenuates age-associated metabolic and functional changes in hematopoietic stem cells. <i>Nature Communications</i> , 2021, 12, 2665.	12.8	45
11	Inferring structural variant cancer cell fraction. <i>Nature Communications</i> , 2020, 11, 730.	12.8	33
12	The Scalloped and Nerfin-1 Transcription Factors Cooperate to Maintain Neuronal Cell Fate. <i>Cell Reports</i> , 2018, 25, 1561-1576.e7.	6.4	31
13	HECTOR: a parallel multistage homopolymer spectrum based error corrector for 454 sequencing data. <i>BMC Bioinformatics</i> , 2014, 15, 131.	2.6	25
14	Reference-Free Validation of Short Read Data. <i>PLoS ONE</i> , 2010, 5, e12681.	2.5	23
15	A CX3CR1 Reporter hESC Line Facilitates Integrative Analysis of In-Vitro-Derived Microglia and Improved Microglia Identity upon Neuron-Glia Co-culture. <i>Stem Cell Reports</i> , 2020, 14, 1018-1032.	4.8	16
16	Overview of Fusion Detection Strategies Using Next-Generation Sequencing. <i>Methods in Molecular Biology</i> , 2019, 1908, 125-138.	0.9	15
17	Embryonic Lethality in Homozygous Human Her-2 Transgenic Mice Due to Disruption of the Pds5b Gene. <i>PLoS ONE</i> , 2015, 10, e0136817.	2.5	14
18	Type 2 immune polarization is associated with cardiopulmonary disease in preterm infants. <i>Science Translational Medicine</i> , 2022, 14, eaaz8454.	12.4	14

#	ARTICLE	IF	CITATIONS
19	Expression of a Chimeric Antigen Receptor in Multiple Leukocyte Lineages in Transgenic Mice. PLoS ONE, 2015, 10, e0140543.	2.5	12
20	TINCA” A Method to Dissect Regulatory Complexes at Single-Locus Resolution” Reveals an Extensive Protein Complex at the Nanog Promoter. Stem Cell Reports, 2020, 15, 1246-1259.	4.8	12
21	A Massively Parallel Architecture for Bioinformatics. Lecture Notes in Computer Science, 2009, , 994-1003.	1.3	11
22	Transcriptional signature in microglia isolated from an Alzheimer's disease mouse model treated with scanning ultrasound. Bioengineering and Translational Medicine, 2023, 8, .	7.1	7
23	Improving the Power of Structural Variation Detection by Augmenting the Reference. PLoS ONE, 2015, 10, e0136771.	2.5	6
24	Intestinal stem cell aging signature reveals a reprogramming strategy to enhance regenerative potential. Npj Regenerative Medicine, 2022, 7, .	5.2	4