Vera Pancaldi

List of Publications by Year in descending order

55 papers	2,834 citations	393982 19 h-index	243296 44 g-index
71 all docs	71 docs citations	71 times ranked	7943 citing authors

#	Article	IF	Citations
1	Genetic Drivers of Epigenetic and Transcriptional Variation in Human Immune Cells. Cell, 2016, 167, 1398-1414.e24.	13.5	573
2	COVID-19 in patients with thoracic malignancies (TERAVOLT): first results of an international, registry-based, cohort study. Lancet Oncology, The, 2020, 21, 914-922.	5.1	503
3	The International Human Epigenome Consortium: A Blueprint for Scientific Collaboration and Discovery. Cell, 2016, 167, 1145-1149.	13.5	404
4	Whole-genome fingerprint of the DNA methylome during human B cell differentiation. Nature Genetics, 2015, 47, 746-756.	9.4	278
5	Genome-wide analysis of differential transcriptional and epigenetic variability across human immune cell types. Genome Biology, 2017, 18, 18.	3.8	97
6	Eomes-Dependent Loss of the Co-activating Receptor CD226 Restrains CD8+ T Cell Anti-tumor Functions and Limits the Efficacy of Cancer Immunotherapy. Immunity, 2020, 53, 824-839.e10.	6.6	85
7	Epigenetic and Transcriptional Variability Shape Phenotypic Plasticity. BioEssays, 2018, 40, 1700148.	1.2	71
8	AnGeLi: A Tool for the Analysis of Gene Lists from Fission Yeast. Frontiers in Genetics, 2015, 6, 330.	1.1	65
9	Higher gene expression variability in the more aggressive subtype of chronic lymphocytic leukemia. Genome Medicine, 2015, 7, 8.	3.6	57
10	Mitochondrial metabolism supports resistance to IDH mutant inhibitors in acute myeloid leukemia. Journal of Experimental Medicine, 2021, 218, .	4.2	56
11	In silico characterization and prediction of global proteinâ€“mRNA interactions in yeast. Nucleic Acids Research, 2011, 39, 5826-5836.	6.5	55
12	Systematic screen for mutants resistant to TORC1 inhibition in fission yeast reveals genes involved in cellular ageing and growth. Biology Open, 2014, 3, 161-171.	0.6	55
13	TERAVOLT: Thoracic Cancers International COVID-19 Collaboration. Cancer Cell, 2020, 37, 742-745.	7.7	51
14	Integrating epigenomic data and 3D genomic structure with a new measure of chromatin assortativity. Genome Biology, 2016, 17, 152.	3.8	46
15	Meta-analysis of genome regulation and expression variability across hundreds of environmental and genetic perturbations in fission yeast. Molecular BioSystems, 2010, 6, 543-552.	2.9	36
16	Thoracic Cancers International COVID-19 Collaboration (TERAVOLT): Impact of type of cancer therapy and COVID therapy on survival.. Journal of Clinical Oncology, 2020, 38, LBA111-LBA111.	0.8	34
17	Transcriptomic metaanalyses of autistic brains reveals shared gene expression and biological pathway abnormalities with cancer. Molecular Autism, 2019, 10, 17.	2.6	30
18	Predicting the Fission Yeast Protein Interaction Network. G3: Genes, Genomes, Genetics, 2012, 2, 453-467.	0.8	29

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19	ChiCMaxima: a robust and simple pipeline for detection and visualization of chromatin looping in Capture Hi-C. Genome Biology, 2019, 20, 102.	3.8	25
20	A Boolean gene regulatory model of heterosis and speciation. BMC Evolutionary Biology, 2015, 15, 24.	3.2	22
21	Stress induces remodelling of yeast interaction and co-expression networks. Molecular BioSystems, 2013, 9, 1697.	2.9	21
22	Interpreting molecular similarity between patients as a determinant of disease comorbidity relationships. Nature Communications, 2020, 11, 2854.	5.8	20
23	Automatic identification of informative regions with epigenomic changes associated to hematopoiesis. Nucleic Acids Research, 2017, 45, 9244-9259.	6.5	19
24	Chromatin Regulators as a Guide for Cancer Treatment Choice. Molecular Cancer Therapeutics, 2016, 15, 1768-1777.	1.9	18
25	Using GARDEN-NET and ChAseR to explore human haematopoietic 3D chromatin interaction networks. Nucleic Acids Research, 2020, 48, 4066-4080.	6.5	18
26	Unveiling new disease, pathway, and gene associations via multi-scale neural network. PLoS ONE, 2020, 15, e0231059.	1.1	18
27	CovMulNet19, Integrating Proteins, Diseases, Drugs, and Symptoms: A Network Medicine Approach to COVID-19. Network and Systems Medicine, 2020, 3, 130-141.	2.7	15
28	OUP accepted manuscript. Nucleic Acids Research, 2021, 49, 11005-11021.	6.5	14
29	Insights on TAM Formation from a Boolean Model of Macrophage Polarization Based on In Vitro Studies. Cancers, 2020, 12, 3664.	1.7	12
30	Permeability up-scaling using Haar Wavelets. Transport in Porous Media, 2007, 67, 395-412.	1.2	11
31	Molecular Inverse Comorbidity between Alzheimerâ€™s Disease and Lung Cancer: New Insights from Matrix Factorization. International Journal of Molecular Sciences, 2019, 20, 3114.	1.8	11
32	Community-wide hackathons to identify central themes in single-cell multi-omics. Genome Biology, 2021, 22, 220.	3.8	9
33	Chromatin network markers of leukemia. Bioinformatics, 2020, 36, i455-i463.	1.8	8
34	Supporting Clinical Decision-Making during the SARS-CoV-2 Pandemic through a Global Research Commitment: The TERAVOLT Experience. Cancer Cell, 2020, 38, 602-604.	7.7	6
35	Activation of Vitamin D Receptor Pathway Enhances Differentiating Capacity in Acute Myeloid Leukemia with Isocitrate Dehydrogenase Mutations. Cancers, 2021, 13, 5243.	1.7	6
36	Chromatin Network Analyses: Towards Structure-Function Relationships in Epigenomics. Frontiers in Bioinformatics, 2021, 1, .	1.0	6

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37	Topology of functional networks predicts physical binding of proteins. Bioinformatics, 2012, 28, 2137-2145.	1.8	5
38	Tysserandâ€"fast and accurate reconstruction of spatial networks from bioimages. Bioinformatics, 2021, 37, 3989-3991.	1.8	5
39	Wavelet-based upscaling of advection equations. Physica A: Statistical Mechanics and Its Applications, 2008, 387, 4760-4770.	1.2	3
40	Low Replicative Stress Triggers Cell-Type Specific Inheritable Advanced Replication Timing. International Journal of Molecular Sciences, 2021, 22, 4959.	1.8	3
41	The antitumoral activity of TLR7 ligands is corrupted by the microenvironment of pancreatic tumors. Molecular Therapy, 2022, 30, 1553-1563.	3.7	3
42	Hierarchical coarse-graining transform. Physical Review E, 2009, 79, 036704.	0.8	2
43	A Gene Regulatory Network Simulation of Heterosis. Lecture Notes in Computer Science, 2012, , 12-16.	1.0	2
44	Biological noise to get a sense of direction: an analogy between chemotaxis and stress response. Frontiers in Genetics, 2014, 5, 52.	1.1	1
45	Preface to the special issue â€œComplexity in the Oil Industry 2007â€• Computational Geosciences, 2009, 13, 151-154.	1.2	0
46	How Has the COVID-19 Pandemic Changed How You Will Approach Research and Lab Work in the Future?. Cell Systems, 2020, 11, 550-554.	2.9	0
47	Upscaling of the Saturation Equation. , 2007, , .		0
48	Characterization of the DNA Methylome during Human B-Cell Differentiation. Blood, 2014, 124, 4346-4346.	0.6	0
49	Abstract LB-155: Epigenetic profiling of chemotherapy sensitivity. , 2015, , .		0
50	Abstract LB-129: Epigenetic regulators to predict docetaxel sensitivity; a guide for treatment choice. , 2016, , .		0
51	Abstract PO-043: Cytidine deaminase protects pancreatic cancer cells from replicative stress and drive response to DNA-targeting drugs. , 2021, , .		0
52	Unveiling new disease, pathway, and gene associations via multi-scale neural network. , 2020, 15, e0231059.		0
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