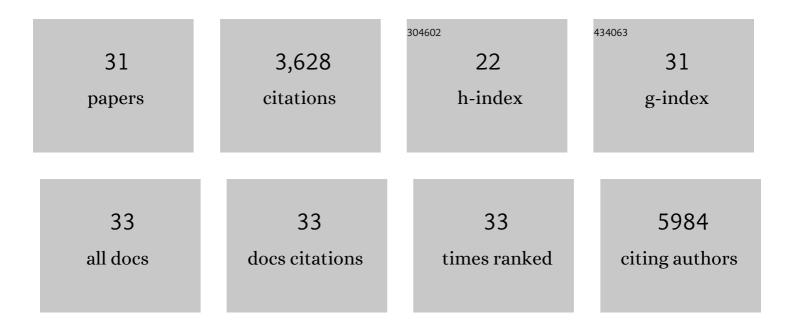
Tanya Vavouri

List of Publications by Year in descending order

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Τλινά Μανοιίρι

#	Article	IF	CITATIONS
1	Highly Conserved Non-Coding Sequences Are Associated with Vertebrate Development. PLoS Biology, 2004, 3, e7.	2.6	833
2	Transgenerational transmission of environmental information in <i>C. elegans</i> . Science, 2017, 356, 320-323.	6.0	360
3	Paternal Diet Defines Offspring Chromatin State and Intergenerational Obesity. Cell, 2014, 159, 1352-1364.	13.5	345
4	Intrinsic Protein Disorder and Interaction Promiscuity Are Widely Associated with Dosage Sensitivity. Cell, 2009, 138, 198-208.	13.5	319
5	Tuning in to the signals: noncoding sequence conservation in vertebrate genomes. Trends in Genetics, 2008, 24, 344-352.	2.9	168
6	Trim28 Haploinsufficiency Triggers Bi-stable Epigenetic Obesity. Cell, 2016, 164, 353-364.	13.5	161
7	Human sperm displays rapid responses to diet. PLoS Biology, 2019, 17, e3000559.	2.6	122
8	Parallel evolution of conserved non-coding elements that target a common set of developmental regulatory genes from worms to humans. Genome Biology, 2007, 8, R15.	13.9	117
9	A simple principle concerning the robustness of protein complex activity to changes in gene expression. BMC Systems Biology, 2008, 2, 1.	3.0	112
10	The Polycomb-Dependent Epigenome Controls β Cell Dysfunction, Dedifferentiation, and Diabetes. Cell Metabolism, 2018, 27, 1294-1308.e7.	7.2	109
11	Widespread conservation of genetic redundancy during a billion years of eukaryotic evolution. Trends in Genetics, 2008, 24, 485-488.	2.9	108
12	Human genes with CpG island promoters have a distinct transcription-associated chromatin organization. Genome Biology, 2012, 13, R110.	13.9	98
13	Chromatin Organization in Sperm May Be the Major Functional Consequence of Base Composition Variation in the Human Genome. PLoS Genetics, 2011, 7, e1002036.	1.5	90
14	Ancient duplicated conserved noncoding elements in vertebrates: A genomic and functional analysis. Genome Research, 2006, 16, 451-465.	2.4	88
15	Predicting genetic modifier loci using functional gene networks. Genome Research, 2010, 20, 1143-1153.	2.4	83
16	The small RNA content of human sperm reveals pseudogene-derived piRNAs complementary to protein-coding genes. Rna, 2015, 21, 1085-1095.	1.6	83
17	Defining a genomic radius for long-range enhancer action: duplicated conserved non-coding elements hold the key. Trends in Genetics, 2006, 22, 5-10.	2.9	69
18	Sperm epigenomics: challenges and opportunities. Frontiers in Genetics, 2014, 5, 330.	1.1	67

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19	Prediction of cis-regulatory elements using binding site matrices — the successes, the failures and the reasons for both. Current Opinion in Genetics and Development, 2005, 15, 395-402.	1.5	57
20	The epigenetic landscape of <i>Alu</i> repeats delineates the structural and functional genomic architecture of colon cancer cells. Genome Research, 2017, 27, 118-132.	2.4	51
21	Genomic and proteomic dissection and characterization of the human sperm chromatin. Molecular Human Reproduction, 2014, 20, 1041-1053.	1.3	49
22	Conserved noncoding elements and the evolution of animal body plans. BioEssays, 2009, 31, 727-735.	1.2	30
23	Mechanisms of epigenetic inheritance of variable traits through the germline. Reproduction, 2020, 159, R251-R263.	1.1	18
24	Parallel Evolution of Chordate Cis-Regulatory Code for Development. PLoS Genetics, 2013, 9, e1003904.	1.5	16
25	The Exonuclease Trex2 Shapes PsoriaticÂPhenotype. Journal of Investigative Dermatology, 2016, 136, 2345-2355.	0.3	15
26	Double deficiency of Trex2 and DNase1L2 nucleases leads to accumulation of DNA in lingual cornifying keratinocytes without activating inflammatory responses. Scientific Reports, 2017, 7, 11902.	1.6	14
27	Assessment of kinship detection using RNA-seq data. Nucleic Acids Research, 2019, 47, e136-e136.	6.5	13
28	Impaired DNA replication derepresses chromatin and generates a transgenerationally inherited epigenetic memory. Science Advances, 2017, 3, e1701143.	4.7	12
29	Molecular characterisation of the SAND protein family: a study based on comparative genomics, structural bioinformatics and phylogeny. Cellular and Molecular Biology Letters, 2004, 9, 739-53.	2.7	11
30	Characterisation of conserved non-coding sequences in vertebrate genomes using bioinformatics, statistics and functional studies. Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2006, 1, 46-58.	0.4	5
31	Theatre: a software tool for detailed comparative analysis and visualization of genomic sequence. Nucleic Acids Research, 2003, 31, 3510-3517.	6.5	1