Paul M Vanraden

List of Publications by Year
in descending order

14	1,276	840776 11	1058476 14
papers	citations	h-index	g-index

17	17	17	1561
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Changes in genetic selection differentials and generation intervals in US Holstein dairy cattle as a result of genomic selection. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, E3995-4004.	7.1	395
2	Cattle Sex-Specific Recombination and Genetic Control from a Large Pedigree Analysis. PLoS Genetics, 2015, 11, e1005387.	3.5	168
3	Selecting sequence variants to improve genomic predictions for dairy cattle. Genetics Selection Evolution, 2017, 49, 32.	3.0	113
4	Comprehensive analyses of 723 transcriptomes enhance genetic and biological interpretations for complex traits in cattle. Genome Research, 2020, 30, 790-801.	5.5	97
5	Fast imputation using medium or low-coverage sequence data. BMC Genetics, 2015, 16, 82.	2.7	86
6	Improvement of Prediction Ability for Genomic Selection of Dairy Cattle by Including Dominance Effects. PLoS ONE, 2014, 9, e103934.	2.5	74
7	Bovine Exome Sequence Analysis and Targeted SNP Genotyping of Recessive Fertility Defects BH1, HH2, and HH3 Reveal a Putative Causative Mutation in SMC2 for HH3. PLoS ONE, 2014, 9, e92769.	2.5	69
8	GWAS and fine-mapping of livability and six disease traits in Holstein cattle. BMC Genomics, 2020, 21, 41.	2.8	66
9	Functional annotation and Bayesian fine-mapping reveals candidate genes for important agronomic traits in Holstein bulls. Communications Biology, 2019, 2, 212.	4.4	61
10	Dissection of additive, dominance, and imprinting effects for production and reproduction traits in Holstein cattle. BMC Genomics, 2017, 18, 425.	2.8	46
11	Genetic and epigenetic architecture of paternal origin contribute to gestation length in cattle. Communications Biology, 2019, 2, 100.	4.4	41
12	Increasing Long-Term Response by Selecting for Favorable Minor Alleles. PLoS ONE, 2014, 9, e88510.	2.5	12
13	Invited review: Unknown-parent groups and metafounders in single-step genomic BLUP. Journal of Dairy Science, 2022, 105, 923-939.	3.4	9
14	Ranking sires using genetic selection indices based on financial investment methods versus lifetime net merit. Journal of Dairy Science, 2019, 102, 9060-9075.	3.4	7