# Doreen Becker

## List of Publications by Year in Descending Order



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|---|---|---|---|
| 26 papers | 478 citations | 11 h-index | 21 g-index |
| 34 ext. papers | 606 ext. citations | 3.7 avg, IF | 2.92 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 26 | Exploring the Origin and Relatedness of Maternal Lineages Through Analysis of Mitochondrial DNA in the Holstein Horse. *Frontiers in Genetics*, **2021**, 12, 632500 | 4.5 | 0 |
| 25 | Single-cell RNA sequencing of freshly isolated bovine milk cells and cultured primary mammary epithelial cells. *Scientific Data*, **2021**, 8, 177 | 8.2 | 1 |
| 24 | Hepatic Transcriptome Analysis Identifies Divergent Pathogen-Specific Targeting-Strategies to Modulate the Innate Immune System in Response to Intramammary Infection. *Frontiers in Immunology*, **2020**, 11, 715 | 8.4 | 7 |
| 23 | Coat Color Roan Shows Association with Variants and No Evidence of Lethality in Icelandic Horses. *Genes*, **2020**, 11, | 4.2 | 1 |
| 22 | A genome-wide significant association on chromosome 15 for congenital entropion in Swiss White Alpine sheep. *Animal Genetics*, **2020**, 51, 278-283 | 2.5 | 1 |
| 21 | Cows selected for divergent mastitis susceptibility display a differential liver transcriptome profile after experimental Staphylococcus aureus mammary gland inoculation. *Journal of Dairy Science*, **2020**, 103, 6364-6373 | 4 | 2 |
| 20 | A 50-kb deletion disrupting the RSPO2 gene is associated with tetradysmelia in Holstein Friesian cattle. *Genetics Selection Evolution*, **2020**, 52, 68 | 4.9 | 0 |
| 19 | CCDC66 frameshift variant associated with a new form of early-onset progressive retinal atrophy in Portuguese Water Dogs. *Scientific Reports*, **2020**, 10, 21162 | 4.9 | 0 |
| 18 | Candidate Genetic Modifiers for RPGR Retinal Degeneration **2020**, 61, 20 | | 2 |
| 17 | Optic nerve hypoplasia in miniature poodle dogs: A preliminary genetic and candidate gene association study. *Veterinary Ophthalmology*, **2020**, 23, 67-76 | 1.4 | 0 |
| 16 | A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. *Animal Genetics*, **2019**, 50, 695-704 | 2.5 | 64 |
| 15 | Genome-wide association study and whole-genome sequencing identify a deletion in LRIT3 associated with canine congenital stationary night blindness. *Scientific Reports*, **2019**, 9, 14166 | 4.9 | 9 |
| 14 | Complex Structural Variant Associated with Non-syndromic Canine Retinal Degeneration. *G3: Genes, Genomes, Genetics*, **2019**, 9, 425-437 | 3.2 | 10 |
| 13 | Canine NAPEPLD-associated models of human myelin disorders. *Scientific Reports*, **2018**, 8, 5818 | 4.9 | 8 |
| 12 | A GJA9 frameshift variant is associated with polyneuropathy in Leonberger dogs. *BMC Genomics*, **2017**, 18, 662 | 4.5 | 17 |
| 11 | Molecular studies of phenotype variation in canine RPGR-XLPRA1. *Molecular Vision*, **2016**, 22, 319-31 | 2.3 | 7 |
| 10 | A missense change in the ATG4D gene links aberrant autophagy to a neurodegenerative vacuolar storage disease. *PLoS Genetics*, **2015**, 11, e1005169 | 6 | 37 |

# List of Publications

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|---|---|---|---|
| 9 | Wattles in goats are associated with the FMN1/GREM1 region on chromosome 10. *Animal Genetics*, **2015**, 46, 316-20 | 2.5 | 18 |
| 8 | The brown coat colour of Coppernecked goats is associated with a non-synonymous variant at the TYRP1 locus on chromosome 8. *Animal Genetics*, **2015**, 46, 50-4 | 2.5 | 27 |
| 7 | A variant in MYO10 is associated with hind limb conformation in Swiss Large White boars. *Animal Genetics*, **2014**, 45, 308 | 2.5 | 1 |
| 6 | A mutation in the FAM83G gene in dogs with hereditary footpad hyperkeratosis (HFH). *PLoS Genetics*, **2014**, 10, e1004370 | 6 | 37 |
| 5 | An ARHGEF10 deletion is highly associated with a juvenile-onset inherited polyneuropathy in Leonberger and Saint Bernard dogs. *PLoS Genetics*, **2014**, 10, e1004635 | 6 | 20 |
| 4 | A genome-wide association study to detect QTL for commercially important traits in Swiss Large White boars. *PLoS ONE*, **2013**, 8, e55951 | 3.7 | 29 |
| 3 | Microphthalmia in Texel sheep is associated with a missense mutation in the paired-like homeodomain 3 (PITX3) gene. *PLoS ONE*, **2010**, 5, e8689 | 3.7 | 43 |
| 2 | A deletion in the N-myc downstream regulated gene 1 (NDRG1) gene in Greyhounds with polyneuropathy. *PLoS ONE*, **2010**, 5, e11258 | 3.7 | 28 |
| 1 | A missense mutation in the SERPINH1 gene in Dachshunds with osteogenesis imperfecta. *PLoS Genetics*, **2009**, 5, e1000579 | 6 | 102 |