

# Frank G Van Steenbeek

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,076  
citations

471371

17  
h-index

454834

30  
g-index

46  
all docs

46  
docs citations

46  
times ranked

1587  
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic Basis of Dilated Cardiomyopathy in Dogs and Its Potential as a Bidirectional Model. <i>Animals</i> , 2022, 12, 1679.	1.0	5
2	Multi-omics integration identifies key upstream regulators of pathomechanisms in hypertrophic cardiomyopathy due to truncating MYBPC3 mutations. <i>Clinical Epigenetics</i> , 2021, 13, 61.	1.8	17
3	A knockout mutation associated with juvenile paroxysmal dyskinesia in Markiesje dogs indicates SOD1 pleiotropy. <i>Human Genetics</i> , 2021, 140, 1547-1552.	1.8	9
4	Improving the resolution of canine genome-wide association studies using genotype imputation: A study of two breeds. <i>Animal Genetics</i> , 2021, 52, 703-713.	0.6	5
5	Large-scale Production of LGR5-Positive Bipotential Human Liver Stem Cells. <i>Hepatology</i> , 2020, 72, 257-270.	3.6	89
6	Investigation of Genetic Modifiers of Copper Toxicosis in Labrador Retrievers. <i>Life</i> , 2020, 10, 266.	1.1	10
7	Large Animal Models in Regenerative Medicine and Tissue Engineering: To Do or Not to Do. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 972.	2.0	120
8	A Chemically Defined Hydrogel for Human Liver Organoid Culture. <i>Advanced Functional Materials</i> , 2020, 30, 2000893.	7.8	97
9	Long-Term Survival of Transplanted Autologous Canine Liver Organoids in a COMMD1-Deficient Dog Model of Metabolic Liver Disease. <i>Cells</i> , 2020, 9, 410.	1.8	36
10	A comprehensive biomedical variant catalogue based on whole genome sequences of 582 dogs and eight wolves. <i>Animal Genetics</i> , 2019, 50, 695-704.	0.6	138
11	Quantification of the health-status of the Dutch Labrador retriever population. <i>Preventive Veterinary Medicine</i> , 2019, 171, 104764.	0.7	1
12	Characterization of Endothelial and Smooth Muscle Cells From Different Canine Vessels. <i>Frontiers in Physiology</i> , 2019, 10, 101.	1.3	20
13	Pulmonary veno-occlusive disease as a cause of severe pulmonary hypertension in a dog. <i>Acta Veterinaria Scandinavica</i> , 2018, 60, 78.	0.5	3
14	Genome-wide based model predicting recovery from portosystemic shunting after liver shunt attenuation in dogs. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 1343-1352.	0.6	8
15	<sc>PET</sc> scan: measuring incidence of disease phenotypes to prioritize genetic studies in companion animals. <i>Animal Genetics</i> , 2018, 49, 492-495.	0.6	1
16	Disease burden in four populations of dog and cat breeds compared to mixed-breed dogs and European shorthair cats. <i>Preventive Veterinary Medicine</i> , 2017, 140, 38-44.	0.7	10
17	Paroxysmal Dyskinesia in Border Terriers: Clinical, Epidemiological, and Genetic Investigations. <i>Journal of Veterinary Internal Medicine</i> , 2017, 31, 1123-1131.	0.6	10
18	Population genetic analysis and genome-wide association study of patellar luxation in a Thai population of Pomeranian dogs. <i>Research in Veterinary Science</i> , 2017, 111, 9-13.	0.9	11

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19	Gene expression patterns in the progression of canine copper-associated chronic hepatitis. PLoS ONE, 2017, 12, e0176826.	1.1	15
20	Aberrant hepatic lipid storage and metabolism in canine portosystemic shunts. PLoS ONE, 2017, 12, e0186491.	1.1	7
21	Intestinal Organoids—Current and Future Applications. Veterinary Sciences, 2016, 3, 31.	0.6	11
22	Characterization and Comparison of Canine Multipotent Stromal Cells Derived from Liver and Bone Marrow. Stem Cells and Development, 2016, 25, 139-150.	1.1	18
23	The canine era: the rise of a biomedical model. Animal Genetics, 2016, 47, 519-527.	0.6	44
24	Dwarfism with joint laxity in Friesian horses is associated with a splice site mutation in B4GALT7. BMC Genomics, 2016, 17, 839.	1.2	31
25	Isolation and Culture of Primary Endothelial Cells from Canine Arteries and Veins. Journal of Visualized Experiments, 2016, , .	0.2	9
26	The Menkes and Wilson disease genes counteract in copper toxicosis in Labrador retrievers: a new canine model for copper-metabolism disorders. DMM Disease Models and Mechanisms, 2016, 9, 25-38.	1.2	60
27	Canine congenital portosystemic shunts: Disconnections dissected. Veterinary Journal, 2016, 211, 14-20.	0.6	12
28	A nonsense mutation in B3GALNT2 is concordant with hydrocephalus in Friesian horses. BMC Genomics, 2015, 16, 761.	1.2	29
29	Pulmonary alveolar proteinosis in a cat. BMC Veterinary Research, 2015, 11, 302.	0.7	7
30	Increased bone morphogenetic protein 7 signalling in the kidneys of dogs affected with a congenital portosystemic shunt. Veterinary Journal, 2015, 204, 226-228.	0.6	3
31	Genome-wide survey indicates involvement of loci on canine chromosomes 7 and 31 in patellar luxation in flat-coated retrievers. BMC Genetics, 2014, 15, 64.	2.7	16
32	Prevalence and genetics of patellar luxation in Kooiker dogs. Veterinary Journal, 2014, 201, 333-337.	0.6	18
33	The Two Main Forms of Histiocytic Sarcoma in the Predisposed Flatcoated Retriever Dog Display Variation in Gene Expression. PLoS ONE, 2014, 9, e98258.	1.1	5
34	Aberrant Expression and Distribution of Enzymes of the Urea Cycle and Other Ammonia Metabolizing Pathways in Dogs with Congenital Portosystemic Shunts. PLoS ONE, 2014, 9, e100077.	1.1	14
35	Altered Subcellular Localization of Heat Shock Protein 90 Is Associated with Impaired Expression of the Aryl Hydrocarbon Receptor Pathway in Dogs. PLoS ONE, 2013, 8, e57973.	1.1	14
36	Gene Expression Profiling of Histiocytic Sarcomas in a Canine Model: The Predisposed Flatcoated Retriever Dog. PLoS ONE, 2013, 8, e71094.	1.1	21

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37	Aberrant Gene Expression in Dogs with Portosystemic Shunts. PLoS ONE, 2013, 8, e57662.	1.1	24
38	Sequence-independent VIDISCA-454 technique to discover new viruses in canine livers. Journal of Virological Methods, 2012, 185, 152-155.	1.0	11
39	Distribution of extrahepatic congenital portosystemic shunt morphology in predisposed dog breeds. BMC Veterinary Research, 2012, 8, 112.	0.7	21
40	Inherited liver shunts in dogs elucidate pathways regulating embryonic development and clinical disorders of the portal vein. Mammalian Genome, 2012, 23, 76-84.	1.0	23
41	A Contracted DNA Repeat in LHX3 Intron 5 Is Associated with Aberrant Splicing and Pituitary Dwarfism in German Shepherd Dogs. PLoS ONE, 2011, 6, e27940.	1.1	22
42	Genetic assessment of captive elephant ( <i>Elephas maximus</i> ) populations in Thailand. Conservation Genetics, 2010, 11, 325-330.	0.8	11
43	Evidence of Inheritance of Intrahepatic Portosystemic Shunts in Irish Wolfhounds. Journal of Veterinary Internal Medicine, 2009, 23, 950-952.	0.6	25
44	Evaluation and selection of microsatellite markers for an identification and parentage test of Asian elephants ( <i>Elephas maximus</i> ). Conservation Genetics, 2008, 9, 921-925.	0.8	10