

# Kent M Reed

## List of Publications by Year in descending order

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63  
papers

2,022  
citations

304743

22  
h-index

254184

43  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2389  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multi-Platform Next-Generation Sequencing of the Domestic Turkey ( <i>Meleagris gallopavo</i> ): Genome Assembly and Analysis. <i>PLoS Biology</i> , 2010, 8, e1000475.	5.6	348
2	A Comprehensive Genetic Map of the Cattle Genome Based on 3802 Microsatellites. <i>Genome Research</i> , 2004, 14, 1987-1998.	5.5	237
3	Induction of paternal genome loss by the paternal X-chromosome and cytoplasmic incompatibility bacteria ( <i>Wolbachia</i> ): A comparative study of early embryonic events. <i>Molecular Reproduction and Development</i> , 1995, 40, 408-418.	2.0	172
4	Intraindividual and Interspecies Variation in the 5S rDNA of Coregonid Fish. <i>Journal of Molecular Evolution</i> , 1998, 46, 680-688.	1.8	96
5	Aflatoxicosis: Lessons from Toxicity and Responses to Aflatoxin B1 in Poultry. <i>Agriculture (Switzerland)</i> , 2015, 5, 742-777.	3.1	91
6	Application of fluorescence in situ hybridization (FISH) techniques to fish genetics: a review. <i>Aquaculture</i> , 1996, 140, 197-216.	3.5	71
7	Polymorphism of the nucleolus organizer region (NOR) on the putative sex chromosomes of Arctic char ( <i>Salvelinus alpinus</i> ) is not sex related. <i>Chromosome Research</i> , 1997, 5, 221-227.	2.2	67
8	Localization of repetitive DNAs to zebrafish ( <i>Danio rerio</i> ) chromosomes by fluorescence in situ hybridization (FISH). <i>Chromosome Research</i> , 2000, 8, 27-35.	2.2	66
9	Defining the Turkey MHC: Sequence and Genes of the B Locus. <i>Journal of Immunology</i> , 2009, 183, 6530-6537.	0.8	63
10	Molecular characterization and cytogenetic analysis of highly repeated DNAs of lake trout, <i>Salvelinus namaycush</i> . <i>Chromosoma</i> , 1995, 104, 242-251.	2.2	51
11	Junctions between repetitive DNAs on the PSR chromosome of <i>Nasonia vitripennis</i> : Association of palindromes with recombination. <i>Journal of Molecular Evolution</i> , 1994, 38, 352-362.	1.8	36
12	Characterization of Charr Chromosomes Using Fluorescence in Situ Hybridization. <i>Environmental Biology of Fishes</i> , 2002, 64, 223-228.	1.0	35
13	A comparative genetic map of the turkey genome. <i>Cytogenetic and Genome Research</i> , 2005, 111, 118-127.	1.1	34
14	Defining the Turkey MHC: identification of expressed class I- and class II-like genes independent of the MHC-B. <i>Immunogenetics</i> , 2011, 63, 753-771.	2.4	29
15	Phylogenetic Analysis of Mitochondrial and Nuclear Sequences Supports Inclusion of <i>Acantholingua ohridanina</i> in the Genus <i>Salmo</i> . <i>Copeia</i> , 2000, 2000, 546-550.	1.3	28
16	Haplotype variation, recombination, and gene conversion within the turkey MHC-B locus. <i>Immunogenetics</i> , 2010, 62, 465-477.	2.4	28
17	Response of the Hepatic Transcriptome to Aflatoxin B1 in Domestic Turkey ( <i>Meleagris gallopavo</i> ). <i>PLoS ONE</i> , 2014, 9, e100930.	2.5	28
18	A first-generation map of the turkey genome. <i>Genome</i> , 2003, 46, 914-924.	2.0	26

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19	The effect of avian influenza virus NS1 allele on virus replication and innate gene expression in avian cells. <i>Molecular Immunology</i> , 2013, 56, 358-368.	2.2	25
20	Modulation of the spleen transcriptome in domestic turkey ( <i>Meleagris gallopavo</i> ) in response to aflatoxin B1 and probiotics. <i>Immunogenetics</i> , 2015, 67, 163-178.	2.4	24
21	Comparative analysis of intra-individual and inter-species DNA sequence variation in salmonid ribosomal DNA cistrons. <i>Gene</i> , 2000, 249, 115-125.	2.2	23
22	An integrated and comparative genetic map of the turkey genome. <i>Cytogenetic and Genome Research</i> , 2007, 119, 113-126.	1.1	22
23	Effects of deletions on mitotic stability of the Paternal-Sex-Ratio (PSR) chromosome from <i>Nasonia</i> . <i>Chromosoma</i> , 1992, 102, 20-26.	2.2	20
24	Response of turkey pectoralis major muscle satellite cells to hot and cold thermal stress: Effect of growth selection on satellite cell proliferation and differentiation. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2021, 252, 110823.	1.8	20
25	Hepatic Transcriptome Responses of Domesticated and Wild Turkey Embryos to Aflatoxin B1. <i>Toxins</i> , 2016, 8, 16.	3.4	19
26	A Sex-linked Microsatellite Locus Isolated from the Y Chromosome of Lake Charr, <i>Salvelinus namaycush</i> . <i>Environmental Biology of Fishes</i> , 2002, 64, 211-216.	1.0	18
27	Comparative genomics identifies new alpha class genes within the avian glutathione S-transferase gene cluster. <i>Gene</i> , 2010, 452, 45-53.	2.2	18
28	Alpha-Class Glutathione S-Transferases in Wild Turkeys ( <i>Meleagris gallopavo</i> ): Characterization and Role in Resistance to the Carcinogenic Mycotoxin Aflatoxin B1. <i>PLoS ONE</i> , 2013, 8, e60662.	2.5	17
29	Structure and organization of the rDNA intergenic spacer in lake trout ( <i>Salvelinus namaycush</i> ). , 2000, 8, 5-16.		16
30	Comparative Response of the Hepatic Transcriptomes of Domesticated and Wild Turkey to Aflatoxin B1. <i>Toxins</i> , 2018, 10, 42.	3.4	16
31	Revised karyotypes and chromosome banding of coregonid fishes from the Laurentian Great Lakes. <i>Canadian Journal of Zoology</i> , 1996, 74, 323-329.	1.0	15
32	Response of Turkey Muscle Satellite Cells to Thermal Challenge. II. Transcriptome Effects in Differentiating Cells. <i>Frontiers in Physiology</i> , 2017, 8, 948.	2.8	15
33	Sequence analysis of the mitochondrial DNA control region of ciscoes (genus <i>Coregonus</i> ): taxonomic implications for the Great Lakes species flock. <i>Molecular Ecology</i> , 1998, 7, 1091-1096.	3.9	14
34	One hundred fifty-four genetic markers for the turkey ( <i>Meleagris gallopavo</i> ). <i>Genome</i> , 2004, 47, 1015-1028.	2.0	14
35	Response of turkey muscle satellite cells to thermal challenge. I. transcriptome effects in proliferating cells. <i>BMC Genomics</i> , 2017, 18, 352.	2.8	14
36	Characterization of expressed sequence tags from turkey skeletal muscle. <i>Animal Genetics</i> , 2008, 39, 635-644.	1.7	13

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37	Extended sequence of the turkey MHC B-locus and sequence variation in the highly polymorphic B-G loci. <i>Immunogenetics</i> , 2011, 63, 209-221.	2.4	13
38	A Newly Emergent Turkey Arthritis Reovirus Shows Dominant Enteric Tropism and Induces Significantly Elevated Innate Antiviral and T Helper-1 Cytokine Responses. <i>PLoS ONE</i> , 2015, 10, e0144085.	2.5	13
39	Thermal stress affects proliferation and differentiation of turkey satellite cells through the mTOR/S6K pathway in a growth-dependent manner. <i>PLoS ONE</i> , 2022, 17, e0262576.	2.5	13
40	Physical localization and characterization of the BglI element in the genomes of Atlantic salmon ( <i>Salmo salar</i> L.) and brown trout ( <i>S. trutta</i> L.). <i>Gene</i> , 1997, 194, 9-18.	2.2	12
41	Tc1-Like Transposable Elements in the Genome of Lake Trout ( <i>Salvelinus namaycush</i> ). <i>Marine Biotechnology</i> , 1999, 1, 60-67.	2.4	12
42	Twelve new turkey microsatellite loci. <i>Poultry Science</i> , 2002, 81, 1789-1791.	3.4	12
43	Single Nucleotide Polymorphisms for Integrative Mapping in the Turkey ( <i>Meleagris gallopavo</i> ). <i>Animal Biotechnology</i> , 2006, 17, 73-80.	1.5	12
44	A candidate gene for choanal atresia in alpaca. <i>Genome</i> , 2010, 53, 224-230.	2.0	12
45	Differential Transcriptome Responses to Aflatoxin B1 in the Cecal Tonsil of Susceptible and Resistant Turkeys. <i>Toxins</i> , 2019, 11, 55.	3.4	10
46	Assignment of non-informative turkey genetic markers through comparative approaches. <i>Cytogenetic and Genome Research</i> , 2005, 109, 527-532.	1.1	8
47	Heterologous expression and functional characterization of avian mu-class glutathione S-transferases. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2013, 158, 109-116.	2.6	8
48	Aflatoxicosis chemoprevention by probiotic <i>Lactobacillus</i> and lack of effect on the major histocompatibility complex. <i>Research in Veterinary Science</i> , 2014, 97, 274-281.	1.9	7
49	Temperature and Growth Selection Effects on Proliferation, Differentiation, and Adipogenic Potential of Turkey Myogenic Satellite Cells Through Frizzled-7-Mediated Wnt Planar Cell Polarity Pathway. <i>Frontiers in Physiology</i> , 2022, 13, .	2.8	7
50	In Silico Mapping of ESTs from the Turkey ( <i>Meleagris Gallopavo</i> ). <i>Animal Biotechnology</i> , 2005, 16, 81-102.	1.5	6
51	Simple Sequence Repeats for Genetic Studies of Alpaca. <i>Animal Biotechnology</i> , 2008, 19, 243-309.	1.5	6
52	Targeted capture enrichment and sequencing identifies extensive nucleotide variation in the turkey MHC-B. <i>Immunogenetics</i> , 2016, 68, 219-229.	2.4	6
53	Altered Gene Response to Aflatoxin B1 in the Spleens of Susceptible and Resistant Turkeys. <i>Toxins</i> , 2019, 11, 242.	3.4	5
54	Major histocompatibility complex genes and locus organization in the Komodo dragon ( <i>Varanus</i> ) Tj ETQq0 0 0 rgBT <sub>2</sub> /Overlock 10 Tf 50 6	2.4	5

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55	Association and in Silico Assignment of Sequences from Turkey BACs. <i>Animal Biotechnology</i> , 2008, 19, 80-83.	1.5	4
56	Next-generation sequencing strategies for characterizing the turkey genome. <i>Poultry Science</i> , 2014, 93, 479-484.	3.4	4
57	The hepatic transcriptome of the turkey poult ( <i>Meleagris gallopavo</i> ) is minimally altered by high inorganic dietary selenium. <i>PLoS ONE</i> , 2020, 15, e0232160.	2.5	4
58	Evaluation of CHD7 as a candidate gene for choanal atresia in alpacas ( <i>Vicugna pacos</i> ). <i>Veterinary Journal</i> , 2013, 198, 295-298.	1.7	3
59	Genetic Variation at the MHC in a Population of Introduced Wild Turkeys. <i>Animal Biotechnology</i> , 2013, 24, 210-228.	1.5	3
60	Thermal challenge alters the transcriptional profile of the breast muscle in turkey poults. <i>Poultry Science</i> , 2019, 98, 74-91.	3.4	3
61	Conserved MHC Gene Orthologs Genetically Map to the Turkey MHC. <i>Cytogenetic and Genome Research</i> , 2014, 144, 31-38.	1.1	2
62	Data Mining Identifies Differentially Expressed Circular RNAs in Skeletal Muscle of Thermally Challenged Turkey Poults. <i>Frontiers in Physiology</i> , 2021, 12, 732208.	2.8	2
63	Using mtDNA Sequences to Estimate SNP Parameters in ESTs. <i>Animal Biotechnology</i> , 2008, 19, 166-177.	1.5	0