

# Ronald J Kendall

## List of Publications by Year in descending order

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86  
papers

2,396  
citations

236833  
25  
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214721  
47  
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86  
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docs citations

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times ranked

1919  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Atrazine on Fish, Amphibians, and Aquatic Reptiles: A Critical Review. <i>Critical Reviews in Toxicology</i> , 2008, 38, 721-772.	1.9	226
2	Assessment of Pathogens and Toxicants in New Orleans, LA Following Hurricane Katrina. <i>Environmental Science &amp; Technology</i> , 2006, 40, 468-474.	4.6	157
3	Crude Oil Sorption by Raw Cotton. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 6277-6281.	1.8	135
4	An ecological risk assessment of lead shot exposure in non-waterfowl avian species: Upland game birds and raptors. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 4-20.	2.2	128
5	Preliminary assessment of perchlorate in ecological receptors at the Longhorn Army Ammunition Plant (LHAAP), Karnack, Texas. <i>Ecotoxicology</i> , 2001, 10, 305-313.	1.1	116
6	Effects of atrazine on metamorphosis, growth, laryngeal and gonadal development, aromatase activity, and sex steroid concentrations in <i>Xenopus laevis</i> . <i>Ecotoxicology and Environmental Safety</i> , 2005, 62, 160-173.	2.9	109
7	Plasma concentrations of estradiol and testosterone, gonadal aromatase activity and ultrastructure of the testis in <i>Xenopus laevis</i> exposed to estradiol or atrazine. <i>Aquatic Toxicology</i> , 2005, 72, 383-396.	1.9	81
8	Effects of Atrazine on Metamorphosis, Growth, and Gonadal Development in the Green Frog ( <i>Rana</i> )	1.1	71
9	Human and ecological risk assessment of a crop protection chemical: a case study with the azole fungicide epoxiconazole. <i>Critical Reviews in Toxicology</i> , 2014, 44, 176-210.	1.9	71
10	Gonadal Development of Larval Male <i>Xenopus laevis</i> Exposed to Atrazine in Outdoor Microcosms. <i>Environmental Science &amp; Technology</i> , 2005, 39, 5255-5261.	4.6	67
11	Novel Natural Sorbent for Oil Spill Cleanup. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 11954-11961.	1.8	66
12	PLASMA SEX STEROID CONCENTRATIONS AND GONADAL AROMATASE ACTIVITIES IN AFRICAN CLAWED FROGS ( <i>XENOPUS LAEVIS</i> ) FROM SOUTH AFRICA. <i>Environmental Toxicology and Chemistry</i> , 2004, 23, 1996.	2.2	65
13	Effects of Atrazine on CYP19 Gene Expression and Aromatase Activity in Testes and on Plasma Sex Steroid Concentrations of Male African Clawed Frogs ( <i>Xenopus laevis</i> ). <i>Toxicological Sciences</i> , 2005, 86, 273-280.	1.4	65
14	The thyroid endocrine disruptor perchlorate affects reproduction, growth, and survival of mosquitofish. <i>Ecotoxicology and Environmental Safety</i> , 2006, 63, 343-352.	2.9	55
15	A Review of the Effects of Aircraft Noise on Wildlife and Humans, Current Control Mechanisms, and the Need for Further Study. <i>Environmental Management</i> , 2003, 32, 418-432.	1.2	52
16	Effects of chronic lead ingestion on reproductive characteristics of ringed turtle doves <i>Streptopelia risoria</i> and on tissue lead concentrations of adults and their progeny. <i>Environmental Pollution Series A, Ecological and Biological</i> , 1981, 26, 203-213.	0.8	49
17	The effect of methyl parathion on susceptibility of bobwhite quail ( <i>Colinus virginianus</i> ) to domestic cat predation. <i>Behavioral and Neural Biology</i> , 1985, 43, 21-36.	2.3	49
18	EVIDENCE OF AN OXYSPIRURA PETROWI EPIZOOTIC IN NORTHERN BOBWHITES ( <i>COLINUS</i> )	0.8	48

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19	Lead concentrations in livers of Maryland waterfowl with and without ingested lead shot present in gizzards. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1980, 25, 855-860.	1.3	39
20	Metal Distributions in New Orleans Following Hurricanes Katrina and Rita: A Continuation Study. <i>Environmental Science &amp; Technology</i> , 2006, 40, 4571-4577.	4.6	36
21	Functional PVDF/rGO/TiO <sub>2</sub> nanofiber webs for the removal of oil from water. <i>Polymer</i> , 2020, 186, 122028.	1.8	35
22	Comparison of hydrophilic PVA/TiO <sub>2</sub> and hydrophobic PVDF/TiO <sub>2</sub> microfiber webs on the dye pollutant photo-catalyzation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103914.	3.3	34
23	Toxicology of ingested lead shot in ringed turtle doves. <i>Archives of Environmental Contamination and Toxicology</i> , 1982, 11, 259-263.	2.1	31
24	Filtration Efficiency of Submicrometer Filters. <i>Industrial &amp; Engineering Chemistry Research</i> , 2013, 52, 16513-16518.	1.8	29
25	Terrestrial wildlife exposed to agrochemicals: An ecological risk assessment perspective. <i>Environmental Toxicology and Chemistry</i> , 1992, 11, 1727-1749.	2.2	27
26	Atmospheric pressure plasma treatment and breathability of polypropylene nonwoven fabric. <i>Journal of Industrial Textiles</i> , 2013, 42, 501-514.	1.1	23
27	A survey of neonicotinoid use and potential exposure to northern bobwhite ( <i>Colinus</i> ) in Oklahoma. <i>Environmental Toxicology and Chemistry</i> , 2016, 35, 1511-1515.	2.2	23
28	EYEWORMS ( <i>OXYSPIRURA PETROWI</i> ) IN NORTHERN BOBWHITES ( <i>COLINUS VIRGINIANUS</i> ) FROM THE ROLLING PLAINS ECOREGION OF TEXAS AND OKLAHOMA, 2011-13. <i>Journal of Wildlife Diseases</i> , 2016, 52, 562-567.	0.3	22
29	Environmentally relevant concentrations of ammonium perchlorate inhibit development and metamorphosis in <i>Xenopus laevis</i> . <i>Environmental Toxicology and Chemistry</i> , 2002, 21, 424-30.	2.2	22
30	Next-Generation Nonparticulate Dry Nonwoven Pad for Chemical Warfare Agent Decontamination. <i>Industrial &amp; Engineering Chemistry Research</i> , 2008, 47, 9889-9895.	1.8	20
31	Effects of chronic 2,4,6-trinitrotoluene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene exposure on developing bullfrog ( <i>Rana catesbeiana</i> ) tadpoles. <i>Ecotoxicology and Environmental Safety</i> , 2011, 74, 924-928.	2.9	20
32	Functional PVA/VB <sub>2</sub> /TiO <sub>2</sub> Nanofiber Webs for Controlled Drug Delivery. <i>ACS Applied Bio Materials</i> , 2019, 2, 5916-5929.	2.3	20
33	Spatial distribution of lead concentrations in urban surface soils of New Orleans, Louisiana USA. <i>Environmental Geochemistry and Health</i> , 2010, 32, 379-389.	1.8	19
34	Molecular identification and characterization of partial COX1 gene from caecal worm ( <i>Aulonocephalus pennula</i> ) in Northern bobwhite ( <i>Colinus virginianus</i> ) from the Rolling Plains Ecoregion of Texas. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017, 6, 195-201.	0.6	18
35	Reproductive toxicity of nitroaromatics to the cricket, <i>Acheta domesticus</i> . <i>Science of the Total Environment</i> , 2009, 407, 5046-5049.	3.9	17
36	Breathability of Standalone Poly(vinyl alcohol) Nanofiber Webs. <i>Industrial &amp; Engineering Chemistry Research</i> , 2014, 53, 6951-6958.	1.8	17

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37	Oxyspirura petrowi infection leads to pathological consequences in Northern bobwhite ( <i>Colinus</i> ) Tj ETQq1 1 0.784314 rgBT /Overlock 17	0.6	17
38	LEAD POISONING IN SWANS IN WASHINGTON STATE. <i>Journal of Wildlife Diseases</i> , 1982, 18, 385-387.	0.3	16
39	Caecal worm, <i>Aulonocephalus pennula</i> , infection in the northern bobwhite quail, <i>Colinus virginianus</i> . <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2017, 6, 35-38.	0.6	16
40	Histologic and Ultrastructural Lesions of Mourning Doves ( <i>Zenaida macroura</i> ) Poisoned by Lead Shot. <i>Poultry Science</i> , 1983, 62, 952-956.	1.5	15
41	Acute toxicity of 2,4,6-trinitrotoluene, 2,4-dinitrotoluene, and 2,6-dinitrotoluene in the adult bullfrog ( <i>Lithobates catesbeiana</i> ). <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 487-491.	1.3	15
42	EFFECTS OF AGRICULTURAL SPRAYING OF METHYL PARATHION ON CHOLINESTERASE ACTIVITY AND REPRODUCTIVE SUCCESS IN WILD STARLINGS ( <i>STURNUS VULGARIS</i> ). <i>Environmental Toxicology and Chemistry</i> , 1988, 7, 343.	2.2	15
43	Uptake, Elimination, and Relative Distribution of Perchlorate in Various Tissues of Channel Catfish. <i>Environmental Science &amp; Technology</i> , 2007, 41, 7581-7586.	4.6	13
44	Farming with agrochemicals. The response of wildlife. <i>Environmental Science &amp; Technology</i> , 1992, 26, 238-245.	4.6	12
45	Molecular identification of <i>Physaloptera</i> sp. from wild northern bobwhite ( <i>Colinus virginianus</i> ) in the Rolling Plains ecoregion of Texas. <i>Parasitology Research</i> , 2018, 117, 2963-2969.	0.6	12
46	A Quantitative PCR Protocol for Detection of <i>Oxyspirura petrowi</i> in Northern Bobwhites ( <i>Colinus</i> ) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.1	12
47	Wildlife toxicology. <i>Environmental Science &amp; Technology</i> , 1982, 16, 448A-453A.	4.6	11
48	Lead distributions and risks in New Orleans following Hurricanes Katrina and Rita. <i>Environmental Toxicology and Chemistry</i> , 2010, 29, 1429-1437.	2.2	11
49	Life-cycle of <i>Oxyspirura petrowi</i> (Spirurida: Thelaziidae), an eyeworm of the northern bobwhite quail ( <i>Colinus virginianus</i> ). <i>Parasites and Vectors</i> , 2019, 12, 555.	1.0	11
50	Plains lubber grasshopper ( <i>Brachystola magna</i> ) as a potential intermediate host for <i>Oxyspirura petrowi</i> in northern bobwhites ( <i>Colinus virginianus</i> ). <i>Parasitology Open</i> , 2016, 2, .	0.9	10
51	Elevated parasite burdens as a potential mechanism affecting northern bobwhite ( <i>Colinus virginianus</i> ) population dynamics in the Rolling Plains of West Texas. <i>Parasitology Research</i> , 2018, 117, 1683-1688.	0.6	10
52	Lead concentrations in pine voles from two Virginia orchards. <i>Environmental Pollution Series B: Chemical and Physical</i> , 1983, 6, 157-160.	0.7	9
53	Title is missing!. <i>Ecotoxicology</i> , 1999, 8, 189-200.	1.1	9
54	The Parasitic Eyeworm <i>Oxyspirura petrowi</i> as a Possible Cause of Decline in the Threatened Lesser Prairie-Chicken ( <i>Tympanuchus pallidicinctus</i> ). <i>PLoS ONE</i> , 2014, 9, e108244.	1.1	9

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55	Evidence of <i>Oxyspirura petrowi</i> in Migratory Songbirds Found in the Rolling Plains of West Texas, USA. <i>Journal of Wildlife Diseases</i> , 2014, 50, 711-712.	0.3	9
56	Peer Reviewed: Wildlife Toxicology Revisited. <i>Environmental Science &amp; Technology</i> , 2003, 37, 178A-183A.	4.6	7
57	Response of larval frogs to Corexit 9500. <i>Toxicological and Environmental Chemistry</i> , 2012, 94, 1199-1210.	0.6	7
58	Organochlorine pesticides, lead, and mercury in northern bobwhite ( <i>Colinus virginianus</i> ) and scaled quail ( <i>Callipepla squamata</i> ) from the rolling plains ecoregion of Texas and Oklahoma. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 1505-1510.	2.2	6
59	Aflatoxin contamination in corn sold for wildlife feed in Texas. <i>Ecotoxicology</i> , 2017, 26, 516-520.	1.1	6
60	Phylogenetic analysis of eyeworm ( <i>Oxyspirura petrowi</i> ) in northern bobwhite ( <i>Colinus virginianus</i> ) based on the nuclear 18S rDNA and mitochondrial cytochrome oxidase 1 gene (COX1). <i>Parasitology Open</i> , 2018, 4, .	0.9	6
61	Monitoring Northern Bobwhite ( <i>Colinus virginianus</i> ) Populations in the Rolling Plains of Texas: Parasitic Infection Implications. <i>Rangeland Ecology and Management</i> , 2019, 72, 796-802.	1.1	6
62	Diazinon dissipation from vegetation, occurrence in earthworms, and presence in avian gastrointestinal tracts collected from apple orchards following D&E Z&N 50W application. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 1360-1367.	2.2	5
63	Development of a multiplex quantitative PCR assay for eyeworm ( <i>Oxyspirura petrowi</i> ) and caecal worm ( <i>Aulonocephalus pennula</i> ) detection in Northern bobwhite quail ( <i>Colinus virginianus</i> ) of the Rolling Plains Ecoregion, Texas. <i>Veterinary Parasitology</i> , 2018, 253, 65-70.	0.7	5
64	Weight of evidence as a tool for evaluating disease in wildlife: An example assessing parasitic infection in Northern bobwhite ( <i>Colinus virginianus</i> ). <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2020, 13, 27-37.	0.6	5
65	Molecular Identification of <i>Oxyspirura Petrowi</i> Intermediate Hosts by Nested PCR Using Internal Transcribed Spacer 1 (ITS1). <i>Journal of Parasitology</i> , 2020, 106, 46.	0.3	5
66	A model of the impact of methyl parathion spraying on a quail population. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1980, 25, 586-593.	1.3	4
67	A Water Bottle Modified for Avians. <i>Poultry Science</i> , 1980, 59, 177-178.	1.5	4
68	Chronic Lead Ingestion and Nephropathy in Ringed Turtle Doves. <i>Poultry Science</i> , 1981, 60, 2028-2032.	1.5	4
69	Predicting seasonal infection of eyeworm ( <i>Oxyspirura petrowi</i> ) and caecal worm ( <i>Aulonocephalus</i> ) in the Rolling Plains of West Texas, USA. <i>International Journal for Parasitology: Parasites and Wildlife</i> , 2019, 8, 50-55.	0.6	4
70	Prevalence of monarch ( <i>Danaus plexippus</i> ) and queen ( <i>Danaus gilippus</i> ) butterflies in West Texas during the fall of 2018. <i>BMC Ecology</i> , 2020, 20, 33.	3.0	4
71	Tensile testing and fracture mechanism analysis of polyvinyl alcohol nanofibrous webs. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49213.	1.3	4
72	European starling nestling response to chlorpyrifos exposure in a corn agroecosystem. <i>Toxicological and Environmental Chemistry</i> , 2000, 75, 215-234.	0.6	3

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73	Quantitative analysis of Northern bobwhite ( <i>Colinus virginianus</i> ) cytokines and TLR expression to eyeworm ( <i>Oxyspirura petrowi</i> ) and caecal worm ( <i>Aulonocephalus pennula</i> ) glycoproteins. <i>Parasitology Research</i> , 2019, 118, 2909-2918.	0.6	3
74	POTENTIAL SIGNIFICANCE OF FALL BREEDING OF THE MONARCH BUTTERFLY ( <i>DANAUS PLEXIPPUS</i> ) IN THE ROLLING PLAINS ECOREGION OF WEST TEXAS. <i>Texas Journal of Science</i> , 2018, 70, .	0.3	3
75	The toxicology of ingested lead acetate in ringed turtle doves <i>Streptopelia risoria</i> . <i>Environmental Pollution Series A, Ecological and Biological</i> , 1982, 27, 255-262.	0.8	2
76	Regional surveillance of parasitic infections in wild Northern Bobwhite Quail ( <i>Colinus virginianus</i> ) utilizing a mobile research laboratory platform. <i>Parasitology Open</i> , 2018, 4, .	0.9	2
77	Toxicological Studies with Mirex in Bobwhite Quail. <i>Poultry Science</i> , 1978, 57, 1539-1545.	1.5	1
78	Propagation of a Laboratory Ringed Turtle Dove Colony. <i>Poultry Science</i> , 1981, 60, 2728-2730.	1.5	1
79	Identification of eyeworm ( <i>Oxyspirura petrowi</i> ) and caecal worm ( <i>Aulonocephalus pennula</i> ) infection levels in Northern bobwhite quail ( <i>Colinus virginianus</i> ) of the Rolling Plains, TX using a mobile research laboratory: Implications for regional surveillance. <i>Biomolecular Detection and Quantification</i> , 2019, 17, 100092.	7.0	1
80	A Helminth Survey of Northern Bobwhite Quail ( <i>Colinus virginianus</i> ) and Passerines in the Rolling Plains Ecoregion of Texas. <i>Journal of Parasitology</i> , 2021, 107, 132-137.	0.3	1
81	Avian and Emerging Human <i>Oxyspirura</i> Species Compared by Morphology, Pathogenicity, Intermediate Host, and Sequence Homology. <i>Journal of Parasitology</i> , 2020, 106, 623-624.	0.3	1
82	GREATER ROADRUNNER ( <i>GEOCOCCYX CALIFORNIANUS</i> ) PREDATION ON JUVENILE QUAIL IN THE ROLLING PLAINS ECOREGION OF TEXAS. <i>Southwestern Naturalist</i> , 2018, 63, 204.	0.1	1
83	Molecular Identification of Intermediate Hosts by Nested PCR Using Internal Transcribed Spacer 1 (ITS1). <i>Journal of Parasitology</i> , 2020, 106, 46-52.	0.3	1
84	Molecular phylogenetic and in silico analysis of glyceraldehyde-3-phosphate dehydrogenase (GAPDH) gene from northern bobwhite quail ( <i>Colinus virginianus</i> ). <i>Molecular Biology Reports</i> , 2021, 48, 1093-1101.	1.0	0
85	Evaluation of milkweed ( <i>Asclepias</i> spp.) restoration in the Rolling Plains ecoregion of West Texas for the enhancement of monarch butterfly ( <i>Danaus plexippus</i> ) habitat. <i>Journal for Nature Conservation</i> , 2021, 64, 126076.	0.8	0
86	Supplemental feeding of northern bobwhite ( <i>Colinus virginianus</i> ) and dietary requirements: a review. <i>Wildlife Research</i> , 2021, , .	0.7	0