

John W Bickham

List of Publications by Year in descending order

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73
papers

3,263
citations

126907

33
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155660

55
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73
docs citations

73
times ranked

2852
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of chemical contaminants on genetic diversity in natural populations: implications for biomonitoring and ecotoxicology. <i>Mutation Research - Reviews in Mutation Research</i> , 2000, 463, 33-51.	5.5	331
2	Insights into the Evolution of Longevity from the Bowhead Whale Genome. <i>Cell Reports</i> , 2015, 10, 112-122.	6.4	280
3	Mitochondrial DNA Variation in Chinook (<i>Oncorhynchus tshawytscha</i>) and Chum Salmon (<i>O. keta</i>) Detected by Restriction Enzyme Analysis of Polymerase Chain Reaction (PCR) Products. <i>Canadian Journal of Fisheries and Aquatic Sciences</i> , 1993, 50, 708-715.	1.4	192
4	The four cornerstones of Evolutionary Toxicology. <i>Ecotoxicology</i> , 2011, 20, 497-502.	2.4	112
5	Molecular phylogenetics, karyotypic diversity, and partition of the genus <i>Myotis</i> (Chiroptera: Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.7	84
6	Petrochemical-related DNA damage in wild rodents detected by flow cytometry. <i>Bulletin of Environmental Contamination and Toxicology</i> , 1988, 40, 343-349.	2.7	83
7	Banded Karyotypes of 11 Species of American Bats (&i>Genus <i>Myotis</i> &i>). <i>Cytologia</i> , 1979, 44, 789-797.	0.6	80
8	Molecular Differentiation of Large Species of Fruit-Eating Bats (<i>Artibeus</i>) and Phylogenetic Relationships Based on the Cytochrome<i>b</i> Gene. <i>Acta Chiropterologica</i> , 2004, 6, 1-12.	0.6	70
9	Integration of genotoxicity and population genetic analyses in kangaroo rats (<i>Dipodomys</i>) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Toxicology and Chemistry, 2001, 20, 317-326.	4.3	69
10	Genetic damage in a population of slider turtles (<i>Trachemys scripta</i>) inhabiting a radioactive reservoir. <i>Archives of Environmental Contamination and Toxicology</i> , 1991, 20, 138-142.	4.1	67
11	FLOW–CYTOMETRIC ANALYSES OF NUCLEAR DNA CONTENT IN FOUR FAMILIES OF NEOTROPICAL BATS. Evolution; <i>International Journal of Organic Evolution</i> , 1989, 43, 756-765.	2.3	65
12	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. <i>Environmental Toxicology and Chemistry</i> , 1997, 16, 260-271.	4.3	62
13	The transcriptome of the bowhead whale <i>Balaena mysticetus</i> reveals adaptations of the longest-lived mammal. <i>Aging</i> , 2014, 6, 879-899.	3.1	62
14	Chromosome homology and evolution of emydid turtles. <i>Chromosoma</i> , 1976, 54, 201-219.	2.2	60
15	Flow cytometric analysis of the effects of low-level radiation exposure on natural populations of slider turtles (<i>Pseudemys scripta</i>). <i>Archives of Environmental Contamination and Toxicology</i> , 1988, 17, 837-841.	4.1	60
16	EXPOSURE AND EFFECTS OF 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN IN TREE SWALLOWS (<i>TACHYICINETA</i>) Tj ETQq0 0 0 rgBT /Overlo Toxicology and Chemistry, 2005, 24, 93.	4.3	60
17	Evolutionary Toxicology: Population-Level Effects of Chronic Contaminant Exposure on the Marsh Frogs (<i>Rana ridibunda</i>) of Azerbaijan. <i>Environmental Health Perspectives</i> , 2006, 114, 547-552.	6.0	58
18	INTROGRESSIVE HYBRIDIZATION AND NONCONCORDANT EVOLUTIONARY HISTORY OF MATERNAL AND PATERNAL LINEAGES IN NORTH AMERICAN DEER. Evolution; <i>International Journal of Organic Evolution</i> , 1998, 52, 1224-1229.	2.3	56

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19	Molecular systematic revision of tree bats (Lasiurini): doubling the native mammals of the Hawaiian Islands. <i>Journal of Mammalogy</i> , 2015, 96, 1255-1274.	1.3	56
20	Chromosomal aberrations in native small mammals (<i>Peromyscus leucopus</i> and <i>Sigmodon hispidus</i>) at a petrochemical waste disposal site: I. Standard karyology. <i>Archives of Environmental Contamination and Toxicology</i> , 1987, 16, 681-688.	4.1	53
21	DNA damage and radiocesium in channel catfish from chernobyl. <i>Environmental Toxicology and Chemistry</i> , 1996, 15, 1057-1063.	4.3	49
22	Evolutionary toxicology: Toward a unified understanding of life's response to toxic chemicals. <i>Evolutionary Applications</i> , 2017, 10, 745-751.	3.1	48
23	VARIATION OF MITOCHONDRIAL CONTROL REGION SEQUENCES OF STELLER SEA LIONS: THE THREE-STOCK HYPOTHESIS. <i>Journal of Mammalogy</i> , 2005, 86, 1075-1084.	1.3	45
24	Molecular Systematics of the Genus <i>Lasiurus</i> (Chiroptera: Vespertilionidae) Based on Restriction-Site Maps of the Mitochondrial Ribosomal Genes. <i>Journal of Mammalogy</i> , 1995, 76, 730.	1.3	44
25	Title is missing!. <i>Hydrobiologia</i> , 2000, 7, 131-143.	0.9	43
26	Introgressive Hybridization and Nonconcordant Evolutionary History of Maternal and Paternal Lineages in North American Deer. <i>Evolution; International Journal of Organic Evolution</i> , 1998, 52, 1224.	2.3	40
27	Effects of methylmercury exposure on glutathione metabolism, oxidative stress, and chromosomal damage in captive-reared common loon (<i>Gavia immer</i>) chicks. <i>Environmental Pollution</i> , 2008, 156, 732-738.	7.5	40
28	Chromosomal Damage in Two Species of Aquatic Turtles (<i>Emys orbicularis</i> and <i>Mauremys caspica</i>) Inhabiting Contaminated Sites in Azerbaijan. <i>Ecotoxicology</i> , 2005, 14, 513-525.	2.4	39
29	CHROMOSOMAL EVOLUTION IN <i>RHOGEESSA</i> (CHIROPTERA: VESPERTILIONIDAE): POSSIBLE SPECIATION BY CENTRIC FUSIONS. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 233-243.	2.3	38
30	Flow-cytometric analysis of the effects of triethylenemelamine on somatic and testicular tissues of the rat. <i>Cytometry</i> , 1992, 13, 368-373.	1.8	38
31	Chemical Contaminants and their Effects in Fish and Wildlife from the Industrial Zone of Sumgayit, Republic of Azerbaijan. <i>Ecotoxicology</i> , 2003, 12, 509-521.	2.4	38
32	In situ biomonitoring of PAH-contaminated sediments using juvenile coho salmon (<i>Oncorhynchus tshawytscha</i>) Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50	8.0	34
33	Flow Cytometric Determination of Genotoxic Effects of Exposure to Petroleum in Mink and Sea Otters. <i>Ecotoxicology</i> , 1998, 7, 191-199.	2.4	33
34	Environmental contaminants in Texas, USA, wetland reptiles: Evaluation using blood samples. <i>Environmental Toxicology and Chemistry</i> , 2000, 19, 2259-2265.	4.3	33
35	Trace Element Concentrations and Bioindicator Responses in Tree Swallows from Northwestern Minnesota. <i>Environmental Monitoring and Assessment</i> , 2006, 118, 247-266.	2.7	33
36	Molecular Phylogenetics of the Bat Genus <i>Scotophilus</i> (Chiroptera: vespertilionidae): Perspectives from Paternally and Maternally Inherited Genomes. <i>Journal of Mammalogy</i> , 2009, 90, 548-560.	1.3	33

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37	Allozyme and mitochondrial DNA analysis of a hybrid zone between white-tailed deer and mule deer (<i>Odocoileus</i>) in west texas. <i>Biochemical Genetics</i> , 1992, 30, 1-11.	1.7	32
38	A chromosomal banding study of three species of vespertilionid bats from Yugoslavia. <i>Genetica</i> , 1978, 48, 1-3.	1.1	31
39	VARIATION IN MICROSATELLITES AND mtDNA ACROSS THE RANGE OF THE STELLER SEA LION, <i>EUMETOPIAS JUBATUS</i> . <i>Journal of Mammalogy</i> , 2004, 85, 338-346.	1.3	30
40	Genetics of radionuclide-contaminated mosquitofish populations and homology between <i>Gambusia affinis</i> and <i>G. holbrooki</i> . <i>Environmental Toxicology and Chemistry</i> , 1998, 17, 1992-1998.	4.3	29
41	Nuclear and mtDNA phylogenetic analyses clarify the evolutionary history of two species of native Hawaiian bats and the taxonomy of <i>Lasiurini</i> (Mammalia: Chiroptera). <i>PLoS ONE</i> , 2017, 12, e0186085.	2.5	29
42	Title is missing!. <i>Ecotoxicology</i> , 1998, 7, 259-278.	2.4	28
43	Karyotypes and evolutionary relationships of trionychoid turtles.. <i>Cytologia</i> , 1983, 48, 177-183.	0.6	27
44	Biochemical Characters and the Reconstruction of Turtle Phylogenies: Relationships Among Bataguirine Genera. <i>Systematic Zoology</i> , 1984, 33, 137.	1.6	27
45	Wildlife toxicology: biomarkers of genotoxic exposures at a hazardous waste site. <i>Ecotoxicology</i> , 2009, 18, 886-898.	2.4	27
46	Evolutionary toxicology in an omics world. <i>Evolutionary Applications</i> , 2017, 10, 752-761.	3.1	26
47	Chromosomal Variation among Seven Species of <i>Myotis</i> (Chiroptera: Vespertilionidae). <i>Journal of Mammalogy</i> , 1986, 67, 746-750.	1.3	25
48	Further flow cytometric studies of the effects of triethylenemelamine on somatic and testicular tissues of the rat. <i>Cytometry</i> , 1994, 15, 222-229.	1.8	23
49	Systematic review of small fruit-eating bats (<i>Artibeus</i>) from the Guianas, and a re-evaluation of <i>A. glaucus bogotensis</i> . <i>Acta Chiropterologica</i> , 2008, 10, 243-256.	0.6	23
50	Flow Cytometry as a Technique to Monitor the Effects of Environmental Genotoxins on Wildlife Populations. , 1990, , 97-108.		23
51	Evidence of chromosomal damage in common eiders (<i>Somateria mollissima</i>) from the Baltic Sea. <i>Marine Pollution Bulletin</i> , 2004, 49, 1066-1071.	5.0	22
52	Molecular Characterization of Contaminant-Indicative RAPD Markers. <i>Ecotoxicology</i> , 2004, 13, 303-309.	2.4	21
53	PATTERNS OF GENOTOXICITY AND CONTAMINANT EXPOSURE: EVIDENCE OF GENOMIC INSTABILITY IN THE MARSH FROGS (<i>RANA RIDIBUNDA</i>) OF SUMGAYIT, AZERBAIJAN. <i>Environmental Toxicology and Chemistry</i> , 2005, 24, 2055.	4.3	20
54	Genotoxicity in Atlantic killifish (<i>Fundulus heteroclitus</i>) from a PAH-contaminated Superfund site on the Elizabeth River, Virginia. <i>Ecotoxicology</i> , 2011, 20, 1890-1899.	2.4	20

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55	Genetic stock assessment of spawning Arctic cisco (<i>Coregonus autumnalis</i>) populations by flow cytometric determination of DNA content. <i>Cytometry</i> , 1991, 12, 260-267.	1.8	19
56	Chromosomal Evolution in <i>Rhogeessa</i> (Chiroptera: Vespertilionidae): Possible Speciation by Centric Fusions. <i>Evolution; International Journal of Organic Evolution</i> , 1985, 39, 233.	2.3	18
57	Chromosomal Variation among Seven Species of Lasiurine Bats (Chiroptera: Vespertilionidae). <i>Journal of Mammalogy</i> , 1987, 68, 837-842.	1.3	18
58	Evolutionary history of the genus <i>Rhogeessa</i> (Chiroptera: Vespertilionidae) as revealed by mitochondrial DNA sequences. <i>Journal of Mammalogy</i> , 2008, 89, 744-754.	1.3	18
59	Speciation by monobrachial centric fusions: A test of the model using nuclear DNA sequences from the bat genus <i>Rhogeessa</i> . <i>Molecular Phylogenetics and Evolution</i> , 2009, 50, 256-267.	2.7	18
60	Evolutionary toxicology: contaminant-induced genetic mutations in mosquitofish from Sumgayit, Azerbaijan. <i>Ecotoxicology</i> , 2011, 20, 365-376.	2.4	18
61	Karyotypes of Some Neotropical Turtles. <i>Copeia</i> , 1976, 1976, 703.	1.3	15
62	Conservative genome size and rapid chromosomal evolution in the South American tuco-tucos (Rodentia: Ctenomyidae). <i>Genome</i> , 1993, 36, 449-458.	2.0	15
63	Editorial: The Unknown Environmental Tragedy in Sumgayit, Azerbaijan. <i>Ecotoxicology</i> , 2003, 12, 505-508.	2.4	14
64	Contaminant Exposure and Biomarker Response in Embryos of Black-crowned Night-herons (<i>Nycticorax nycticorax</i>) Nesting near Lake Calumet, Illinois. <i>Journal of Great Lakes Research</i> , 2007, 33, 791-805.	1.9	9
65	Characterization of eight microsatellite loci in Steller sea lions (<i>Eumetopias jubatus</i>). <i>Molecular Ecology Notes</i> , 2007, 7, 1097-1099.	1.7	8
66	Evolutionary toxicology. , 2010, , 320-362.		8
67	Molecular systematics and biodiversity of the <i>Cryptotis mexicanus</i> group (Eulipotyphla: Soricidae): two new species from Honduras supported. <i>Systematics and Biodiversity</i> , 2018, 16, 108-117.	1.2	7
68	INTEGRATION OF GENOTOXICITY AND POPULATION GENETIC ANALYSES IN KANGAROO RATS (<i>DIPODOMYS</i>) Tj ETQq0 0 0 rgBT /Overlo Toxicology and Chemistry, 2001, 20, 317.	4.3	7
69	Cytogenetic analysis of the pleurodine turtle <i>Phrynops hoguei</i> and its taxonomic implications. <i>Amphibia - Reptilia</i> , 1991, 12, 203-212.	0.5	6
70	DNA damage in cichlids from an oil production facility in Guatemala. <i>Ecotoxicology</i> , 2012, 21, 496-511.	2.4	6
71	Biodiversity discovery and its importance to conservation. , 0, , 1-34.		4
72	Gene flow, biodiversity, and genetically modified crops: Weedy rice in Thailand. , 0, , 35-49.		2

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73	The role of the American Society of Mammalogists in mammalian conservation: from politics to conservation genetics. <i>Journal of Mammalogy</i> , 2019, 100, 774-785.	1.3	2