John W Bickham

List of Publications by Year
in descending order

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73 papers	3,263 citations	126907 33 h-index	155660 55 g-index
73 all docs	73 docs citations	73 times ranked	2852 citing authors

#	Article	IF	Citations
1	The role of the American Society of Mammalogists in mammalian conservation: from politics to conservation genetics. Journal of Mammalogy, 2019, 100, 774-785.	1.3	2
2	Molecular systematics and biodiversity of the Cryptotis mexicanus group (Eulipotyphla: Soricidae): two new species from Honduras supported. Systematics and Biodiversity, 2018, 16, 108-117.	1.2	7
3	Evolutionary toxicology in an omics world. Evolutionary Applications, 2017, 10, 752-761.	3.1	26
4	Evolutionary toxicology: Toward a unified understanding of life's response to toxic chemicals. Evolutionary Applications, 2017, 10, 745-751.	3.1	48
5	Nuclear and mtDNA phylogenetic analyses clarify the evolutionary history of two species of native Hawaiian bats and the taxonomy of Lasiurini (Mammalia: Chiroptera). PLoS ONE, 2017, 12, e0186085.	2.5	29
6	Insights into the Evolution of Longevity from the Bowhead Whale Genome. Cell Reports, 2015, 10, 112-122.	6.4	280
7	Molecular systematic revision of tree bats (Lasiurini): doubling the native mammals of the Hawaiian Islands. Journal of Mammalogy, 2015, 96, 1255-1274.	1.3	56
8	The transcriptome of the bowhead whale Balaena mysticetus reveals adaptations of the longest-lived mammal. Aging, 2014, 6, 879-899.	3.1	62
9	DNA damage in cichlids from an oil production facility in Guatemala. Ecotoxicology, 2012, 21, 496-511.	2.4	6
10	Evolutionary toxicology: contaminant-induced genetic mutations in mosquitofish from Sumgayit, Azerbaijan. Ecotoxicology, 2011, 20, 365-376.	2.4	18
11	The four cornerstones of Evolutionary Toxicology. Ecotoxicology, 2011, 20, 497-502.	2.4	112
12	Genotoxicity in Atlantic killifish (Fundulus heteroclitus) from a PAH-contaminated Superfund site on the Elizabeth River, Virginia. Ecotoxicology, 2011, 20, 1890-1899.	2.4	20
13	Evolutionary toxicology. , 2010, , 320-362.		8
14	Wildlife toxicology: biomarkers of genotoxic exposures at a hazardous waste site. Ecotoxicology, 2009, 18, 886-898.	2.4	27
15	Speciation by monobrachial centric fusions: A test of the model using nuclear DNA sequences from the bat genus Rhogeessa. Molecular Phylogenetics and Evolution, 2009, 50, 256-267.	2.7	18
16	Molecular Phylogenetics of the Bat GenusScotophilus(Chiroptera: vespertilionidae): Perspectives from Paternally and Maternally Inherited Genomes. Journal of Mammalogy, 2009, 90, 548-560.	1.3	33
17	Systematic review of small fruit-eating bats (Artibeus) from the Guianas, and a re-evaluation of A. glaucus bogotensis. Acta Chiropterologica, 2008, 10, 243-256.	0.6	23
18	Evolutionary history of the genus Rhogeessa (Chiroptera: Vespertilionidae) as revealed by mitochondrial DNA sequences. Journal of Mammalogy, 2008, 89, 744-754.	1.3	18

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19	Effects of methylmercury exposure on glutathione metabolism, oxidative stress, and chromosomal damage in captive-reared common loon (Gavia immer) chicks. Environmental Pollution, 2008, 156, 732-738.	7.5	40
20	In situ biomonitoring of PAH-contaminated sediments using juvenile coho salmon (Oncorhynchus) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	6.0	34
21	Contaminant Exposure and Biomarker Response in Embryos of Black-crowned Night-herons (Nycticorax nycticorax) Nesting near Lake Calumet, Illinois. Journal of Great Lakes Research, 2007, 33, 791-805.	1.9	9
22	Characterization of eight microsatellite loci in Steller sea lions (Eumetopias jubatus). Molecular Ecology Notes, 2007, 7, 1097-1099.	1.7	8
23	Trace Element Concentrations and Bioindicator Responses in Tree Swallows from Northwestern Minnesota. Environmental Monitoring and Assessment, 2006, 118, 247-266.	2.7	33
24	Evolutionary Toxicology: Population-Level Effects of Chronic Contaminant Exposure on the Marsh Frogs (Rana ridibunda) of Azerbaijan. Environmental Health Perspectives, 2006, 114, 547-552.	6.0	58
25	EXPOSURE AND EFFECTS OF 2,3,7,8-TETRACHLORODIBENZO-p-DIOXIN IN TREE SWALLOWS (TACHYCINETA) Tj ETQq1 1 0.784314 rg Toxicology and Chemistry, 2005, 24, 93.	4.3	60
26	PATTERNS OF GENOTOXICITY AND CONTAMINANT EXPOSURE: EVIDENCE OF GENOMIC INSTABILITY IN THE MARSH FROGS (RANA RIDIBUNDA) OF SUMGAYIT, AZERBAIJAN. Environmental Toxicology and Chemistry, 2005, 24, 2055.	4.3	20
27	Chromosomal Damage in Two Species of Aquatic Turtles (Emys orbicularis and Mauremys caspica) Inhabiting Contaminated Sites in Azerbaijan. Ecotoxicology, 2005, 14, 513-525.	2.4	39
28	VARIATION OF MITOCHONDRIAL CONTROL REGION SEQUENCES OF STELLER SEA LIONS: THE THREE-STOCK HYPOTHESIS. Journal of Mammalogy, 2005, 86, 1075-1084.	1.3	45
29	VARIATION IN MICROSATELLITES AND mtDNA ACROSS THE RANGE OF THE STELLER SEA LION, EUMETOPIAS JUBATUS. Journal of Mammalogy, 2004, 85, 338-346.	1.3	30
30	Evidence of chromosomal damage in common eiders (Somateria mollissima) from the Baltic Sea. Marine Pollution Bulletin, 2004, 49, 1066-1071.	5.0	22
31	Molecular Characterization of Contaminant-Indicative RAPD Markers. Ecotoxicology, 2004, 13, 303-309.	2.4	21
32	Molecular phylogenetics, karyotypic diversity, and partition of the genus Myotis (Chiroptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222	2.7	84
33	Molecular Differentiation of Large Species of Fruit-Eating Bats (Artibeus) and Phylogenetic Relationships Based on the CytochromebGene. Acta Chiropterologica, 2004, 6, 1-12.	0.6	70
34	Editorial: The Unknown Environmental Tragedy in Sumgayit, Azerbaijan. Ecotoxicology, 2003, 12, 505-508.	2.4	14
35	Chemical Contaminants and their Effects in Fish and Wildlife from the Industrial Zone of Sumgayit, Republic of Azerbaijan. Ecotoxicology, 2003, 12, 509-521.	2.4	38
36	Integration of genotoxicity and population genetic analyses in kangaroo rats (Dipodomys) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 T Toxicology and Chemistry, 2001, 20, 317-326.	4.3	69

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37	INTEGRATION OF GENOTOXICITY AND POPULATION GENETIC ANALYSES IN KANGAROO RATS (DIPODOMYS) Tj ETQq1 1 0.784314 rg Toxicology and Chemistry, 2001, 20, 317.	4.3	7
38	Environmental contaminants in Texas, USA, wetland reptiles: Evaluation using blood samples. Environmental Toxicology and Chemistry, 2000, 19, 2259-2265.	4.3	33
39	Title is missing!. Hydrobiologia, 2000, 7, 131-143.	0.9	43
40	Effects of chemical contaminants on genetic diversity in natural populations: implications for biomonitoring and ecotoxicology. Mutation Research - Reviews in Mutation Research, 2000, 463, 33-51.	5.5	331
41	Title is missing!. Ecotoxicology, 1998, 7, 259-278.	2.4	28
42	Flow Cytometric Determination of Genotoxic Effects of Exposure to Petroleum in Mink and Sea Otters. Ecotoxicology, 1998, 7, 191-199.	2.4	33
43	Genetics of radionuclideâ€contaminated mosquitofish populations and homology betweenGambusia affinisandG. holbrooki. Environmental Toxicology and Chemistry, 1998, 17, 1992-1998.	4.3	29
44	Introgressive Hybridization and Nonconcordant Evolutionary History of Maternal and Paternal Lineages in North American Deer. Evolution; International Journal of Organic Evolution, 1998, 52, 1224.	2.3	40
45	INTROGRESSIVE HYBRIDIZATION AND NONCONCORDANT EVOLUTIONARY HISTORY OF MATERNAL AND PATERNAL LINEAGES IN NORTH AMERICAN DEER. Evolution; International Journal of Organic Evolution, 1998, 52, 1224-1229.	2.3	56
46	Contaminant concentrations and biomarker response in great blue heron eggs from 10 colonies on the upper Mississippi River, USA. Environmental Toxicology and Chemistry, 1997, 16, 260-271.	4.3	62
47	DNA damage and radiocesium in channel catfish from chernobyl. Environmental Toxicology and Chemistry, 1996, 15, 1057-1063.	4.3	49
48	Molecular Systematics of the Genus Lasiurus (Chiroptera: Vespertilionidae) Based on Restriction-Site Maps of the Mitochondrial Ribosomal Genes. Journal of Mammalogy, 1995, 76, 730.	1.3	44
49	Further flow cytometric studies of the effects of triethylenemelamine on somatic and testicular tissues of the rat. Cytometry, 1994, 15, 222-229.	1.8	23
50	Mitochondrial DNA Variation in Chinook (Oncorhynchus tshawytscha) and Chum Salmon (O. keta) Detected by Restriction Enzyme Analysis of Polymerase Chain Reaction (PCR) Products. Canadian Journal of Fisheries and Aquatic Sciences, 1993, 50, 708-715.	1.4	192
51	Conservative genome size and rapid chromosomal evolution in the South American tuco-tucos (Rodentia: Ctenomyidae). Genome, 1993, 36, 449-458.	2.0	15
52	Allozyme and mitochondrial DNA analysis of a hybrid zone between white-tailed deer and mule deer (Odocoileus) in west texas. Biochemical Genetics, 1992, 30, 1-11.	1.7	32
53	Flow-cytometric analysis of the effects of triethylenemelamine on somatic and testicular tissues of the rat. Cytometry, 1992, 13, 368-373.	1.8	38
54	Genetic stock assessment of spawning Arctic cisco (Coregonus autumnalis) populations by flow cytometric determination of DNA content. Cytometry, 1991, 12, 260-267.	1.8	19

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55	Genetic damage in a population of slider turtles (Trachemys scripta) inhabiting a radioactive reservoir. Archives of Environmental Contamination and Toxicology, 1991, 20, 138-142.	4.1	67
56	Cytogenetic analysis of the pleurodine turtle Phrynops hogei and its taxonomic implications. Amphibia - Reptilia, 1991, 12, 203-212.	0.5	6
57	Flow Cytometry as a Technique to Monitor the Effects of Environmental Genotoxins on Wildlife Populations. , 1990, , 97-108.		23
58	FLOWâ€CYTOMETRIC ANALYSES OF NUCLEAR DNA CONTENT IN FOUR FAMILIES OF NEOTROPICAL BATS. Evolution; International Journal of Organic Evolution, 1989, 43, 756-765.	2.3	65
59	Flow cytometric analysis of the effects of low-level radiation exposure on natural populations of slider turtles (Pseudemys scripta). Archives of Environmental Contamination and Toxicology, 1988, 17, 837-841.	4.1	60
60	Petrochemical-related DNA damage in wild rodents detected by flow cytometry. Bulletin of Environmental Contamination and Toxicology, 1988, 40, 343-349.	2.7	83
61	Chromosomal Variation among Seven Species of Lasiurine Bats (Chiroptera: Vespertilionidae). Journal of Mammalogy, 1987, 68, 837-842.	1.3	18
62	Chromosomal aberrations in native small mammals (Peromyscus leucopus andSigmodon hispidus) at a petrochemical waste disposal site: I. Standard karyology. Archives of Environmental Contamination and Toxicology, 1987, 16, 681-688.	4.1	53
63	Chromosomal Variation among Seven Species of Myotis (Chiroptera: Vespertilionidae). Journal of Mammalogy, 1986, 67, 746-750.	1.3	25
64	CHROMOSOMAL EVOLUTION IN RHOGEESSA (CHIROPTERA: VESPERTILIONIDAE): POSSIBLE SPECIATION BY CENTRIC FUSIONS. Evolution; International Journal of Organic Evolution, 1985, 39, 233-243.	2.3	38
65	Chromosomal Evolution in Rhogeessa (Chiroptera: Vespertilionidae): Possible Speciation by Centric Fusions. Evolution; International Journal of Organic Evolution, 1985, 39, 233.	2.3	18
66	Biochemical Characters and the Reconstruction of Turtle Phylogenies: Relationships Among Bataguirine Genera. Systematic Zoology, 1984, 33, 137.	1.6	27
67	Karyotypes and evolutionary relationships of trionychoid turtles.. Cytologia, 1983, 48, 177-183.	0.6	27
68	Banded Karyotypes of 11 Species of American Bats (<i>Genus Myotis</i>). Cytologia, 1979, 44, 789-797.	0.6	80
69	A chromosomal banding study of three species of vespertilionid bats from Yugoslavia. Genetica, 1978, 48, 1-3.	1.1	31
70	Chromosome homology and evolution of emydid turtles. Chromosoma, 1976, 54, 201-219.	2.2	60
71	Karyotypes of Some Neotropical Turtles. Copeia, 1976, 1976, 703.	1.3	15
72	Biodiversity discovery and its importance to conservation. , 0, , 1-34.		4

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73	Gene flow, biodiversity, and genetically modified crops: Weedy rice in Thailand. , 0, , 35-49.		2