

Jay F Levine

List of Publications by Year in descending order

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99
papers

4,340
citations

116194

36
h-index

129628

63
g-index

102
all docs

102
docs citations

102
times ranked

3212
citing authors

#	ARTICLE	IF	CITATIONS
1	Developing mitochondrial DNA field-compatible tests. <i>Critical Reviews in Environmental Science and Technology</i> , 2022, 52, 3137-3177.	6.6	2
2	An Accelerometer-Based Sensing System to Study the Valve-Gaping Behavior of Bivalves. , 2021, 5, 1-4.		3
3	Frequency of Animal Leptospirosis in the Southern United States and the Implications for Human Health. <i>Southern Medical Journal</i> , 2020, 113, 240-249.	0.3	4
4	Lack of influence by endosymbiont <i>Wolbachia</i> on virus titer in the common bed bug, <i>Cimex lectularius</i> . <i>Parasites and Vectors</i> , 2019, 12, 436.	1.0	10
5	A Comparison of the chemical sensitivities between in vitro and in vivo propagated juvenile freshwater mussels: Implications for standard toxicity testing. <i>Environmental Toxicology and Chemistry</i> , 2018, 37, 3077-3085.	2.2	7
6	Tissue Extraction Methods for Metabolic Profiling of a Freshwater Bivalve, <i>Elliptio complanata</i> (Lightfoot, 1786). <i>American Malacological Bulletin</i> , 2016, 33, 185-194.	0.2	3
7	Key metabolites in tissue extracts of <i>Elliptio complanata</i> identified using ¹ H nuclear magnetic resonance spectroscopy. , 2015, 3, cov023.		8
8	Fish Hosts of Four Freshwater Mussel Species in the Broad River, South Carolina. <i>Southeastern Naturalist</i> , 2015, 14, 85-97.	0.2	1
9	Compendium of Veterinary Standard Precautions for Zoonotic Disease Prevention in Veterinary Personnel: National Association of State Public Health Veterinarians: Veterinary Infection Control Committee 2015. <i>Journal of the American Veterinary Medical Association</i> , 2015, 247, 1252-1277.	0.2	55
10	Seasonal Changes in Microbial Community Structure in Freshwater Stream Sediment in a North Carolina River Basin. <i>Diversity</i> , 2014, 6, 18-32.	0.7	28
11	Return to use and performance following exploratory celiotomy for colic in horses: 195 cases (2003-2010). <i>Equine Veterinary Journal</i> , 2013, 45, 224-228.	0.9	39
12	Vertical Migration and Reproductive Patterns of a Long-Term Brooding Freshwater Mussel, <i>Villosa constricta</i> (Bivalvia: Unionidae) in a Small Piedmont Stream. <i>Freshwater Mollusk Biology and Conservation</i> , 2013, 16, 29.	0.4	4
13	Sea Cucumber in the Mediterranean: A Potential Species for Aquaculture in the Mediterranean. <i>Reviews in Fisheries Science</i> , 2011, 19, 299-304.	2.1	33
14	Spatial variability of the stable isotope (¹⁵ N) composition in two freshwater bivalves (<i>Corbicula</i>)	0.5	9
15	Integration of Environmental Stewardship and Local Economic Development to Enhance Community Health. <i>North Carolina Medical Journal</i> , 2011, 72, 141-144.	0.1	2
16	Integration of environmental stewardship and local economic development to enhance community health. <i>North Carolina Medical Journal</i> , 2011, 72, 141-4.	0.1	0
17	Effects of opioids and anesthetic drugs on body temperature in cats. <i>Veterinary Anaesthesia and Analgesia</i> , 2010, 37, 35-43.	0.3	83
18	Compendium of Veterinary Standard Precautions for Zoonotic Disease Prevention in Veterinary Personnel: National Association of State Public Health Veterinarians Veterinary Infection Control Committee 2010. <i>Journal of the American Veterinary Medical Association</i> , 2010, 237, 1403-1422.	0.2	46

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19	Fish Hosts of the Carolina Heelsplitter (<i>Lasmigona decorata</i>), a Federally Endangered Freshwater Mussel (Bivalvia: Unionidae). <i>American Malacological Bulletin</i> , 2010, 28, 151-158.	0.2	8
20	Correlation of Mannitol Fermentation with Virulence-Associated Genotypic Characteristics in <i>Vibrio vulnificus</i> isolates from Oysters and Water Samples in the Gulf of Mexico. <i>Foodborne Pathogens and Disease</i> , 2010, 7, 97-101.	0.8	20
21	Detection of mitochondrial DNA with the compact bead array sensor system (cBASS). <i>Proceedings of SPIE</i> , 2009, , .	0.8	0
22	Development of a Dynamic Pharmacokinetic Model to Estimate Bioconcentration of Xenobiotics in Earthworms. <i>Environmental Modeling and Assessment</i> , 2009, 14, 411-418.	1.2	4
23	Stable oxygen and carbon isotope profiles in an invasive bivalve (<i>Corbicula fluminea</i>) in North Carolina watersheds. <i>Geochimica Et Cosmochimica Acta</i> , 2009, 73, 3234-3247.	1.6	12
24	Domestic wastewater influent profiling using mitochondrial real-time PCR for source tracking animal contamination. <i>Journal of Microbiological Methods</i> , 2009, 77, 17-22.	0.7	50
25	Assessment of the Effect of Varying Soil Organic Matter Content on the Bioavailability of Malathion to the Common Nightcrawler, <i>Lumbricus terrestris</i> L. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2008, 80, 220-224.	1.3	2
26	Acute Toxicity and Tissue Distributions of Malathion in <i>Ambystoma tigrinum</i> . <i>Archives of Environmental Contamination and Toxicology</i> , 2008, 55, 481-487.	2.1	24
27	Magnetic resonance imaging of live freshwater mussels (Unionidae). <i>Invertebrate Biology</i> , 2008, 127, 396-402.	0.3	13
28	Detection of spring viraemia of carp virus (SVCV) by loop-mediated isothermal amplification (LAMP) in koi carp, <i>Cyprinus carpio</i> L. <i>Journal of Fish Diseases</i> , 2008, 31, 249-258.	0.9	36
29	Valve Gape Response to Turbidity in Two Freshwater Bivalves (<i>Corbicula</i>) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 342 Td (fluminea)</i>	0.5	12
30	Compendium of Veterinary Standard Precautions for Zoonotic Disease Prevention in Veterinary Personnel. <i>Journal of the American Veterinary Medical Association</i> , 2008, 233, 415-432.	0.2	35
31	Impacts of Road Crossings on Fish Movement and Community Structure. <i>Journal of Freshwater Ecology</i> , 2008, 23, 565-574.	0.5	9
32	Salmonella Populations and Prevalence in Layer Feces from Commercial High-Rise Houses and Characterization of the Salmonella Isolates by Serotyping, Antibiotic Resistance Analysis, and Pulsed Field Gel Electrophoresis. <i>Poultry Science</i> , 2007, 86, 591-597.	1.5	54
33	Polychlorinated Biphenyl Exposure Causes Gonadal Atrophy and Oxidative Stress in <i>Corbicula fluminea</i> Clams. <i>Toxicologic Pathology</i> , 2007, 35, 356-365.	0.9	33
34	Exposure of Unionid Mussels to Electric Current: Assessing Risks Associated with Electrofishing. <i>Transactions of the American Fisheries Society</i> , 2007, 136, 1593-1606.	0.6	7
35	Mitochondrial Multiplex Real-Time PCR as a Source Tracking Method in Fecal-Contaminated Effluents. <i>Environmental Science & Technology</i> , 2007, 41, 3277-3283.	4.6	101
36	Seminal and endocrine characteristics of male Pallas' Cats (<i>Otocolobus manul</i>) maintained under artificial lighting with simulated natural photoperiods. <i>Zoo Biology</i> , 2007, 26, 187-199.	0.5	10

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37	The effect of amlodipine and the combination of amlodipine and enalapril on the renin-angiotensin-aldosterone system in the dog. <i>Journal of Veterinary Pharmacology and Therapeutics</i> , 2007, 30, 394-400.	0.6	41
38	Temporal and spatial variability in stable isotope compositions of a freshwater mussel: implications for biomonitoring and ecological studies. <i>Oecologia</i> , 2007, 152, 140-150.	0.9	56
39	Phylogenetic analysis of spring viremia of carp virus reveals distinct subgroups with common origins for recent isolates in North America and the UK. <i>Diseases of Aquatic Organisms</i> , 2007, 76, 193-204.	0.5	57
40	A comparison of analysis units for associating Lyme disease with forest-edge habitat. <i>Community Ecology</i> , 2006, 7, 189-197.	0.5	25
41	Status and Life-history Aspects of <i>Villosa constricta</i> (Conrad 1838) (Notched Rainbow), in the Upper Neuse River Basin, North Carolina. <i>Southeastern Naturalist</i> , 2006, 5, 649-660.	0.2	5
42	Reference ranges for hemolymph chemistries from <i>Elliptio complanata</i> of North Carolina. <i>Diseases of Aquatic Organisms</i> , 2005, 65, 167-176.	0.5	46
43	Genotypes and Antibiotic Resistance of <i>Salmonella</i> Newport Isolates from U.S. Market Oysters. <i>Foodborne Pathogens and Disease</i> , 2005, 2, 111-114.	0.8	16
44	The Dog as a Sentinel for Human Infection: Prevalence of <i>Borrelia burgdorferi</i> C6 Antibodies in Dogs from Southeastern and Mid-Atlantic States. <i>Vector-Borne and Zoonotic Diseases</i> , 2005, 5, 101-109.	0.6	45
45	Comparison of Individual and Pooled Sampling Methods for Detecting Bacterial Pathogens of Fish. <i>Journal of Veterinary Diagnostic Investigation</i> , 2005, 17, 305-310.	0.5	2
46	Prevalence of <i>Salmonella</i> spp. in Oysters in the United States. <i>Applied and Environmental Microbiology</i> , 2005, 71, 893-897.	1.4	133
47	Renal Biopsy: A Retrospective Study of Methods and Complications in 283 Dogs and 65 Cats. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 794-801.	0.6	67
48	Evaluation of a nonlethal technique for hemolymph collection in <i>Elliptio complanata</i> , a freshwater bivalve (Mollusca: Unionidae). <i>Diseases of Aquatic Organisms</i> , 2005, 65, 159-165.	0.5	74
49	Renal biopsy: a retrospective study of methods and complications in 283 dogs and 65 cats. <i>Journal of Veterinary Internal Medicine</i> , 2005, 19, 794-801.	0.6	21
50	Time and financial costs of programs for live trapping feral cats. <i>Journal of the American Veterinary Medical Association</i> , 2004, 225, 1403-1405.	0.2	14
51	The Dog as a Sentinel for Human Infection: Prevalence of <i>Borrelia burgdorferi</i> C6 Antibodies in Dogs from Southeastern and Mid-Atlantic States. <i>Vector-Borne and Zoonotic Diseases</i> , 2004, 4, 221-229.	0.6	62
52	Notes on the Life History and Demographics of the Savannah Lilliput (<i>Toxolasma pullus</i>) (Bivalvia: Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.2	8
53	In vitro prediction of canine urolith mineral composition using computed tomographic mean beam attenuation measurements. <i>Veterinary Radiology and Ultrasound</i> , 2004, 45, 189-197.	0.4	7
54	Seroprevalences of antibodies against <i>Bartonella henselae</i> and <i>Toxoplasma gondii</i> and fecal shedding of <i>Cryptosporidium</i> spp, <i>Giardia</i> spp, and <i>Toxocara cati</i> in feral and pet domestic cats. <i>Journal of the American Veterinary Medical Association</i> , 2004, 225, 1394-1398.	0.2	113

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55	Reproductive capacity of free-roaming domestic cats and kitten survival rate. <i>Journal of the American Veterinary Medical Association</i> , 2004, 225, 1399-1402.	0.2	123
56	Pharmacokinetics and Pharmacodynamics of Furosemide after Oral Administration to Horses. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 739-743.	0.6	21
57	Pharmacokinetics and pharmacodynamics of furosemide after oral administration to horses. <i>Journal of Veterinary Internal Medicine</i> , 2004, 18, 739-43.	0.6	5
58	Long-term functional outcome of dogs with severe injuries of the thoracolumbar spinal cord: 87 cases (1996-2001). <i>Journal of the American Veterinary Medical Association</i> , 2003, 222, 762-769.	0.2	252
59	Persistent Urinary Tract Infections and Reinfections in 100 Dogs (1989-1999). <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 622-631.	0.6	106
60	Hypomagnesemia in Hospitalized Horses. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 860-867.	0.6	44
61	Furosemide Continuous Rate Infusion in the Horse: Evaluation of Enhanced Efficacy and Reduced Side Effects. <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 887-895.	0.6	38
62	Evaluation of T lymphocytes in captive African lions (<i>Panthera leo</i>) infected with feline immunodeficiency virus. <i>American Journal of Veterinary Research</i> , 2003, 64, 1293-1300.	0.3	32
63	Persistent Urinary Tract Infections and Reinfections in 100 Dogs (1989-1999). <i>Journal of Veterinary Internal Medicine</i> , 2003, 17, 622.	0.6	62
64	Furosemide Continuous Rate Infusion in the Horse: Evaluation of Enhanced Efficacy and Reduced Side Effects. , 2003, 17, 887.		1
65	Title is missing!. <i>Hydrobiologia</i> , 2001, 9, 35-42.	1.0	22
66	Evaluation of Sandbar Shiner as a Surrogate for Assessing Health Risks to the Endangered Cape Fear Shiner. <i>Journal of Aquatic Animal Health</i> , 2001, 13, 86-95.	0.6	5
67	CHARACTERIZATION OF LYME DISEASE SPIROCHETES ISOLATED FROM TICKS AND VERTEBRATES IN NORTH CAROLINA. <i>Journal of Wildlife Diseases</i> , 2000, 36, 48-55.	0.3	11
68	An experimental chain of infection reveals that distinct <i>Borrelia burgdorferi</i> populations are selected in arthropod and mammalian hosts. <i>Molecular Microbiology</i> , 1998, 30, 365-379.	1.2	28
69	TICK-RACCOON ASSOCIATIONS AND THE POTENTIAL FOR LYME DISEASE SPIROCHETE TRANSMISSION IN THE COASTAL PLAIN OF NORTH CAROLINA. <i>Journal of Wildlife Diseases</i> , 1997, 33, 28-39.	0.3	38
70	Lizards as Hosts for Immature <i>Ixodes scapularis</i> (Acari: Ixodidae) in North Carolina. <i>Journal of Medical Entomology</i> , 1997, 34, 594-598.	0.9	22
71	Thrombocytosis in 24 Horses (1989-1994). <i>Journal of Veterinary Internal Medicine</i> , 1997, 11, 24-29.	0.6	18
72	A Retrospective Case-Control of Acute Renal Failure in 99 Dogs. <i>Journal of Veterinary Internal Medicine</i> , 1997, 11, 58-64.	0.6	132

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73	Thrombocytopenia in Horses: 35 Cases (1989â€“1994). <i>Journal of Veterinary Internal Medicine</i> , 1996, 10, 127-132.	0.6	32
74	EXPERIMENTAL INFECTION OF THE RACCOON (<i>PROCYON LOTOR</i>) WITH <i>BORRELIA BURGENDORFERI</i> . <i>Journal of Wildlife Diseases</i> , 1996, 32, 300-314.	0.3	8
75	Reservoir Competence of the Southeastern Five-Lined Skink (<i>Eumeces inexpectatus</i>) and the Green Anole (<i>Anolis carolinensis</i>) for <i>Borrelia burgdorferi</i> . <i>American Journal of Tropical Medicine and Hygiene</i> , 1996, 54, 92-97.	0.6	52
76	Reservoir Competence of the Rice Rat (Rodentia: Cricetidae) for <i>Borrelia burgdorferi</i> . <i>Journal of Medical Entomology</i> , 1995, 32, 138-142.	0.9	29
77	Effect of hyperthermia in vitro on stress protein synthesis and accumulation in oyster haemocytes. <i>Fish and Shellfish Immunology</i> , 1995, 5, 9-25.	1.6	36
78	Canine Exposure to <i>Borrelia burgdorferi</i> and Prevalence of <i>Ixodes dammini</i> (Acari: Ixodidae) on Deer as a Measure of Lyme Disease Risk in the Northeastern United States. <i>Journal of Medical Entomology</i> , 1993, 30, 171-178.	0.9	43
79	Attempted Mechanical Transfer of <i>Ehrlichia risticii</i> by Tabanids (Diptera: Tabanidae). <i>Journal of Medical Entomology</i> , 1992, 29, 806-812.	0.9	7
80	<i>Haplosporidium nelsoni</i> (MSX) in Eastern Oyster Populations of North Carolina. <i>Journal of Aquatic Animal Health</i> , 1992, 4, 203-206.	0.6	4
81	Indigenous Cases of Lyme Disease Diagnosed in North Carolina. <i>Southern Medical Journal</i> , 1991, 84, 27-32.	0.3	11
82	<i>Borrelia burgdorferi</i> in Ticks (Acari: Ixodidae) from Coastal Virginia. <i>Journal of Medical Entomology</i> , 1991, 28, 668-674.	0.9	38
83	Efficacy and Toxicity of Doxorubicin/Cyclophosphamide Maintenance Therapy in Dogs with Multicentric Lymphosarcoma. <i>Journal of Veterinary Internal Medicine</i> , 1991, 5, 259-262.	0.6	94
84	Factors Associated with Failure of Passive Transfer of Colostral Antibodies in Standardbred Foals. <i>Journal of Veterinary Internal Medicine</i> , 1991, 5, 335-340.	0.6	49
85	Dermatological diseases affecting fishes of the Tar-Pamlico Estuary, North Carolina. <i>Diseases of Aquatic Organisms</i> , 1991, 10, 87-92.	0.5	20
86	Serosurvey of shelter dogs in Virginia for antibodies to <i>Borrelia burgdorferi</i> . <i>Preventive Veterinary Medicine</i> , 1990, 10, 41-46.	0.7	3
87	Geographic Occurrence of <i>Ixodes scapularis</i> and <i>Amblyomma americanum</i> (Acari: Ixodidae) Infesting White-tailed Deer in North Carolina. <i>Journal of Wildlife Diseases</i> , 1990, 26, 550-553.	0.3	35
88	Epidemiology of Ulcerative Mycosis in Atlantic Menhaden in the Tar-Pamlico River Estuary, North Carolina. <i>Journal of Aquatic Animal Health</i> , 1990, 2, 162-171.	0.6	24
89	Attempted <i>Ehrlichia risticii</i> Transmission with <i>Dermacentor variabilis</i> (Acari: Ixodidae). <i>Journal of Medical Entomology</i> , 1990, 27, 931-933.	0.9	18
90	Species distribution of ulcerative lesions on finfish in the Tar-Pamlico River Estuary, North Carolina. <i>Diseases of Aquatic Organisms</i> , 1990, 8, 1-5.	0.5	20

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91	Ulcerative mycosis: a serious menhaden disease of the southeastern coastal fisheries of the United States. <i>Journal of Fish Diseases</i> , 1989, 12, 175-178.	0.9	53
92	THE OCCURRENCE OF SPIROCHETES IN IXODID TICKS IN NORTH CAROLINA. <i>Journal of Entomological Science</i> , 1989, 24, 594-602.	0.2	25
93	Pathology of ulcerative mycosis in Atlantic menhaden <i>Brevoortia tyrannus</i> . <i>Diseases of Aquatic Organisms</i> , 1988, 4, 189-197.	0.5	42
94	Characterization of the <i>Aphanomyces</i> Species Involved with Ulcerative Mycosis (Um) in Menhaden. <i>Mycologia</i> , 1986, 78, 664-672.	0.8	51
95	Longitudinal Assessment of the Clinical and Epidemiological Features of Lyme Disease in a Defined Population. <i>Journal of Infectious Diseases</i> , 1986, 154, 295-300.	1.9	241
96	Characterization of the <i>Aphanomyces</i> Species Involved with Ulcerative Mycosis (UM) in Menhaden. <i>Mycologia</i> , 1986, 78, 664.	0.8	52
97	Ecology of <i>Ixodes Dammini</i> -Borne Human Babesiosis and Lyme Disease. <i>Annual Review of Entomology</i> , 1985, 30, 439-460.	5.7	535
98	Mice as Reservoirs of the Lyme Disease Spirochete. <i>American Journal of Tropical Medicine and Hygiene</i> , 1985, 34, 355-360.	0.6	293
99	Aquaculture and Pre-Harvest Food Safety. , 0, , 369-396.		3