

# Lee B Kats

## List of Publications by Year in descending order

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Version: 2024-02-01

46  
papers

5,380  
citations

201674

27  
h-index

233421

45  
g-index

46  
all docs

46  
docs citations

46  
times ranked

4157  
citing authors

#	ARTICLE	IF	CITATIONS
1	The scent of death: Chemosensory assessment of predation risk by prey animals. <i>Ecoscience</i> , 1998, 5, 361-394.	1.4	1,208
2	Alien predators and amphibian declines: review of two decades of science and the transition to conservation. <i>Diversity and Distributions</i> , 2003, 9, 99-110.	4.1	417
3	Antipredator Defenses and the Persistence of Amphibian Larvae With Fishes. <i>Ecology</i> , 1988, 69, 1865-1870.	3.2	396
4	Aquatic invasive species: challenges for the future. <i>Hydrobiologia</i> , 2015, 750, 147-170.	2.0	366
5	Predator-prey interactions among fish and larval amphibians: use of chemical cues to detect predatory fish. <i>Animal Behaviour</i> , 1987, 35, 420-425.	1.9	329
6	Behavioural correlations across situations and the evolution of antipredator behaviour in a sunfish-salamander system. <i>Animal Behaviour</i> , 2003, 65, 29-44.	1.9	282
7	Effect of Introduced Crayfish and Mosquitofish on California Newts. <i>Conservation Biology</i> , 1996, 10, 1155-1162.	4.7	261
8	The complexity of amphibian population declines: understanding the role of cofactors in driving amphibian losses. <i>Annals of the New York Academy of Sciences</i> , 2011, 1223, 108-119.	3.8	227
9	Non-Visual Communication in Freshwater Benthos: An Overview. <i>Journal of the North American Benthological Society</i> , 1994, 13, 268-282.	3.1	218
10	Effects of Predatory Sunfish on the Density, Drift, and Refuge Use of Stream Salamander Larvae. <i>Ecology</i> , 1992, 73, 1418-1430.	3.2	177
11	Effects of Urbanization on the Distribution and Abundance of Amphibians and Invasive Species in Southern California Streams. <i>Conservation Biology</i> , 2005, 19, 1894-1907.	4.7	167
12	The Dynamics of Prey Refuge Use: A Model and Tests with Sunfish and Salamander Larvae. <i>American Naturalist</i> , 1988, 132, 463-483.	2.1	163
13	Barriers and flow as limiting factors in the spread of an invasive crayfish ( <i>Procambarus clarkii</i> ) in southern California streams. <i>Biological Conservation</i> , 2005, 126, 402-409.	4.1	124
14	Effect of Introduced Mosquitofish on Pacific Treefrogs and the Role of Alternative Prey. <i>Conservation Biology</i> , 1999, 13, 921-924.	4.7	115
15	Aggression by Non-Native Crayfish Deters Breeding in California Newts. <i>Conservation Biology</i> , 1997, 11, 793-796.	4.7	78
16	Effects of Solar UV-B Radiation on Embryonic Development in <i>Hyla cadaverina</i> , <i>Hyla regilla</i> , and <i>Taricha torosa</i> . <i>Conservation Biology</i> , 1998, 12, 646-653.	4.7	70
17	Invasion Complexities: The Diverse Impacts of Nonnative Species on Amphibians. <i>Copeia</i> , 2014, 2014, 611-632.	1.3	67
18	Effects of UV-B Radiation on Anti-predator Behavior in Three Species of Amphibians. <i>Ethology</i> , 2000, 106, 921-931.	1.1	64

#	ARTICLE	IF	CITATIONS
19	Effects of refuge availability on the responses of salamander larvae to chemical cues from predatory green sunfish. <i>Animal Behaviour</i> , 1991, 42, 330-332.	1.9	54
20	Effects of Ultraviolet Radiation on Locomotion and Orientation in Roughskin Newts ( <i>Taricha</i> ). <i>Journal of Herpetology</i> , 1991, 25, 702-707.	1.1	42
21	THE SCENT OF DANGER: TETRODOTOXIN (TTX) AS AN OLFACTORY CUE OF PREDATION RISK. <i>Ecological Monographs</i> , 2006, 76, 585-600.	5.4	42
22	Ontogenetic Changes in California Newts ( <i>Taricha torosa</i> ) in Response to Chemical Cues from Conspecific Predators. <i>Journal of the North American Benthological Society</i> , 1994, 13, 321-325.	3.1	40
23	The Use of Conspecific Chemical Cues for Cannibal Avoidance in California Newts ( <i>Taricha</i> ). <i>Journal of Herpetology</i> , 1991, 25, 702-707.	1.1	38
24	Age, Experience, and the Response of Streamside Salamander Hatchlings to Chemical Cues from Predatory Sunfish. <i>Ethology</i> , 1994, 96, 253-259.	1.1	36
25	MODIFIED INTERACTIONS BETWEEN SALAMANDER LIFE STAGES CAUSED BY WILDFIRE-INDUCED SEDIMENTATION. <i>Ecology</i> , 1998, 79, 740-745.	3.2	31
26	The detection of certain predators via olfaction by small-mouthed salamander larvae ( <i>Ambystoma</i> ). <i>Journal of Herpetology</i> , 1991, 25, 702-707.	2.2	30
27	Behavioral Avoidance of Ultraviolet-B Radiation by Two Species of Neotropical Poison-Dart Frogs. <i>Biotropica</i> , 2007, 39, 433-435.	1.6	29
28	An amphibian chemical defense phenotype is inducible across life history stages. <i>Scientific Reports</i> , 2017, 7, 8185.	3.3	26
29	Ultraviolet Radiation and Amphibians. <i>Journal of Herpetology</i> , 2001, 35, 63-79.		25
30	Amphibian responses in the aftermath of extreme climate events. <i>Scientific Reports</i> , 2020, 10, 3409.	3.3	23
31	Impact of chaparral wildfire-induced sedimentation on oviposition of stream-breeding California newts ( <i>Taricha torosa</i> ). <i>Oecologia</i> , 1997, 110, 546-549.	2.0	22
32	Avoidance Response of Post-Metamorphic Anurans to Cues of Injured Conspecifics and Predators. <i>Journal of Herpetology</i> , 1999, 33, 472.	0.5	21
33	Quantifying tetrodotoxin levels in the California newt using a non-destructive sampling method. <i>Toxicon</i> , 2014, 80, 87-93.	1.6	21
34	Assessing effects of non-native crayfish on mosquito survival. <i>Conservation Biology</i> , 2019, 33, 122-131.	4.7	21
35	VARIABLE BREEDING PHENOLOGY AFFECTS THE EXPOSURE OF AMPHIBIAN EMBRYOS TO ULTRAVIOLET RADIATION and OPTICAL CHARACTERISTICS OF NATURAL WATERS PROTECT AMPHIBIANS FROM UV-B IN THE U.S. PACIFIC NORTHWEST: COMMENT. <i>Ecology</i> , 2004, 85, 1747-1754.	3.2	20
36	Individual fluctuations in toxin levels affect breeding site fidelity in a chemically defended amphibian. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2016, 283, 20160468.	2.6	20

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37	Effects of natural flooding and manual trapping on the facilitation of invasive crayfish-native amphibian coexistence in a semi-arid perennial stream. <i>Journal of Arid Environments</i> , 2013, 98, 109-112.	2.4	19
38	Effects of newt chemical cues on the distribution and foraging behavior of stream macroinvertebrates. <i>Hydrobiologia</i> , 2015, 749, 69-81.	2.0	17
39	Effects of Solar UV-B Radiation on Embryonic Development in <i>Hyla cadaverina</i> , <i>Hyla regilla</i> , and <i>Taricha torosa</i> . <i>Conservation Biology</i> , 1998, 12, 646-653.	4.7	16
40	Noxious newts and their natural enemies: Experimental effects of tetrodotoxin exposure on trematode parasites and aquatic macroinvertebrates. <i>Toxicon</i> , 2017, 137, 120-127.	1.6	15
41	Ultraviolet Radiation Influences Perch Selection by a Neotropical Poison-Dart Frog. <i>PLoS ONE</i> , 2012, 7, e51364.	2.5	10
42	A discrete stage-structured model of California newt population dynamics during a period of drought. <i>Journal of Theoretical Biology</i> , 2017, 414, 245-253.	1.7	10
43	Predicting the effects of manual crayfish removal on California newt persistence in Santa Monica Mountain streams. <i>Ecological Modelling</i> , 2017, 352, 139-151.	2.5	7
44	The effect of newt toxin on an invasive snail. <i>Hydrobiologia</i> , 2018, 817, 341-348.	2.0	7
45	Effects of UV-B Radiation on Anti-Predator Behavior in Amphibians: Reply to Cummins. <i>Ethology</i> , 2002, 108, 649-654.	1.1	5
46	A natural experiment identifies an impending ecological trap for a neotropical amphibian in response to extreme weather events. <i>Ecology and Evolution</i> , 2022, 12, e8848.	1.9	4