# Lee B Kats

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11326747/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 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 | A natural experiment identifies an impending ecological trap for a neotropical amphibian in response to extreme weather events. Ecology and Evolution, 2022, 12, e8848. | 1.9 | 4 |
| 2 | Amphibian responses in the aftermath of extreme climate events. Scientific Reports, 2020, 10, 3409. | 3.3 | 23 |
| 3 | Assessing effects of nonâ€native crayfish on mosquito survival. Conservation Biology, 2019, 33, 122-131. | 4.7 | 21 |
| 4 | The effect of newt toxin on an invasive snail. Hydrobiologia, 2018, 817, 341-348. | 2.0 | 7 |
| 5 | Predicting the effects of manual crayfish removal on California newt persistence in Santa Monica Mountain streams. Ecological Modelling, 2017, 352, 139-151. | 2.5 | 7 |
| 6 | An amphibian chemical defense phenotype is inducible across life history stages. Scientific Reports, 2017, 7, 8185. | 3.3 | 26 |
| 7 | Noxious newts and their natural enemies: Experimental effects of tetrodotoxin exposure on trematode parasites and aquatic macroinvertebrates. Toxicon, 2017, 137, 120-127. | 1.6 | 15 |
| 8 | A discrete stage-structured model of California newt population dynamics during a period of drought. Journal of Theoretical Biology, 2017, 414, 245-253. | 1.7 | 10 |
| 9 | Individual fluctuations in toxin levels affect breeding site fidelity in a chemically defended amphibian. Proceedings of the Royal Society B: Biological Sciences, 2016, 283, 20160468. | 2.6 | 20 |
| 10 | Aquatic invasive species: challenges for the future. Hydrobiologia, 2015, 750, 147-170. | 2.0 | 366 |
| 11 | Effects of newt chemical cues on the distribution and foraging behavior of stream macroinvertebrates. Hydrobiologia, 2015, 749, 69-81. | 2.0 | 17 |
| 12 | Invasion Complexities: The Diverse Impacts of Nonnative Species on Amphibians. Copeia, 2014, 2014, 611-632. | 1.3 | 67 |
| 13 | Quantifying tetrodotoxin levels in the California newt using a non-destructive sampling method. Toxicon, 2014, 80, 87-93. | 1.6 | 21 |
| 14 | Effects of natural flooding and manual trapping on the facilitation of invasive crayfish-native amphibian coexistence in a semi-arid perennial stream. Journal of Arid Environments, 2013, 98, 109-112. | 2.4 | 19 |
| 15 | Ultraviolet Radiation Influences Perch Selection by a Neotropical Poison-Dart Frog. PLoS ONE, 2012, 7, e51364. | 2.5 | 10 |
| 16 | The complexity of amphibian population declines: understanding the role of cofactors in driving amphibian losses. Annals of the New York Academy of Sciences, 2011, 1223, 108-119. | 3.8 | 227 |
| 17 | Behavioral Avoidance of Ultraviolet-B Radiation by Two Species of Neotropical Poison-Dart Frogs. Biotropica, 2007, 39, 433-435. | 1.6 | 29 |
| 18 | THE SCENT OF DANGER: TETRODOTOXIN (TTX) AS AN OLFACTORY CUE OF PREDATION RISK. Ecological Monographs, 2006, 76, 585-600. | 5.4 | 42 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Effects of Urbanization on the Distribution and Abundance of Amphibians and Invasive Species in Southern California Streams. Conservation Biology, 2005, 19, 1894-1907. | 4.7 | 167 |
| 20 | Barriers and flow as limiting factors in the spread of an invasive crayfish (Procambarus clarkii) in southern California streams. Biological Conservation, 2005, 126, 402-409. | 4.1 | 124 |
| 21 | 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. Ecology, 2004, 85, 1747-1754. | 3.2 | 20 |
| 22 | Behavioural correlations across situations and the evolution of antipredator behaviour in a sunfishâ€“salamander system. Animal Behaviour, 2003, 65, 29-44. | 1.9 | 282 |
| 23 | Alien predators and amphibian declines: review of two decades of science and the transition to conservation. Diversity and Distributions, 2003, 9, 99-110. | 4.1 | 417 |
| 24 | Effects of UV-B Radiation on Anti-Predator Behavior in Amphibians: Reply to Cummins. Ethology, 2002, 108, 649-654. | 1.1 | 5 |
| 25 | Ultraviolet Radiation and Amphibians. , 2001, , 63-79. | | 25 |
| 26 | Effects of Ultraviolet Radiation on Locomotion and Orientation in Roughskin Newts (Taricha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 | 1.1 | 42 |
| 27 | Effects of UV-B Radiation on Anti-predator Behavior in Three Species of Amphibians. Ethology, 2000, 106, 921-931. | 1.1 | 64 |
| 28 | Avoidance Response of Post-Metamorphic Anurans to Cues of Injured Conspecifics and Predators. Journal of Herpetology, 1999, 33, 472. | 0.5 | 21 |
| 29 | Effect of Introduced Mosquitofish on Pacific Treefrogs and the Role of Alternative Prey. Conservation Biology, 1999, 13, 921-924. | 4.7 | 115 |
| 30 | The scent of death: Chemosensory assessment of predation risk by prey animals. Ecoscience, 1998, 5, 361-394. | 1.4 | 1,208 |
| 31 | MODIFIED INTERACTIONS BETWEEN SALAMANDER LIFE STAGES CAUSED BY WILDFIRE-INDUCED SEDIMENTATION. Ecology, 1998, 79, 740-745. | 3.2 | 31 |
| 32 | Effects of Solar UVâ€B Radiation on Embryonic Development in Hyla cadaverina, Hyla regilla, and Taricha torosa. Conservation Biology, 1998, 12, 646-653. | 4.7 | 16 |
| 33 | Effects of Solar UV-B Radiation on Embryonic Development in Hyla cadaverina, Hyla regilla, and Taricha torosa. Conservation Biology, 1998, 12, 646-653. | 4.7 | 70 |
| 34 | Impact of chaparral wildfire-induced sedimentation on oviposition of stream-breeding California newts ( Taricha torosa ). Oecologia, 1997, 110, 546-549. | 2.0 | 22 |
| 35 | Aggression by Non-Native Crayfish Deters Breeding in California Newts. Conservation Biology, 1997, 11, 793-796. | 4.7 | 78 |
| 36 | Effect of Introduced Crayfish and Mosquitofish on California Newts. Conservation Biology, 1996, 10, 1155-1162. | 4.7 | 261 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Ontogenetic Changes in California Newts (Taricha torosa) in Response to Chemical Cues from Conspecific Predators. Journal of the North American Benthological Society, 1994, 13, 321-325. | 3.1 | 40 |
| 38 | Non-Visual Communication in Freshwater Benthos: An Overview. Journal of the North American Benthological Society, 1994, 13, 268-282. | 3.1 | 218 |
| 39 | Age, Experience, and the Response of Streamside Salamander Hatchlings to Chemical Cues from Predatory Sunfish. Ethology, 1994, 96, 253-259. | 1.1 | 36 |
| 40 | The Use of Conspecific Chemical Cues for Cannibal Avoidance in California Newts<i>(Taricha) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 | 1.1 | 38 |
| 41 | Effects of Predatory Sunfish on the Density, Drift, and Refuge Use of Stream Salamander Larvae. Ecology, 1992, 73, 1418-1430. | 3.2 | 177 |
| 42 | Effects of refuge availability on the responses of salamander larvae to chemical cues from predatory green sunfish. Animal Behaviour, 1991, 42, 330-332. | 1.9 | 54 |
| 43 | The detection of certain predators via olfaction by small-mouthed salamander larvae (Ambystoma) Tj ETQq1 1 0.784314 rgBT /Overlo | 2.2 | 30 |
| 44 | Antipredator Defenses and the Persistence of Amphibian Larvae With Fishes. Ecology, 1988, 69, 1865-1870. | 3.2 | 396 |
| 45 | The Dynamics of Prey Refuge Use: A Model and Tests with Sunfish and Salamander Larvae. American Naturalist, 1988, 132, 463-483. | 2.1 | 163 |
| 46 | Predator-prey interactions among fish and larval amphibians: use of chemical cues to detect predatory fish. Animal Behaviour, 1987, 35, 420-425. | 1.9 | 329 |