Raymond D Semlitsch

List of Publications by Year
in descending order

186 papers	12,556 citations	26630 56 h-index	31849 101 g-index
186 all docs	186 docs citations	186 times ranked	5609 citing authors

#	Article	IF	Citations
1	Time and Size at Metamorphosis Related to Adult Fitness in Ambystoma Talpoideum. Ecology, 1988, 69, 184-192.	3.2	743
2	Biological Criteria for Buffer Zones around Wetlands and Riparian Habitats for Amphibians and Reptiles. Conservation Biology, 2003, 17, 1219-1228.	4.7	627
3	Are Small, Isolated Wetlands Expendable?. Conservation Biology, 1998, 12, 1129-1133.	4.7	472
4	Call Duration as an Indicator of Genetic Quality in Male Gray Tree Frogs. Science, 1998, 280, 1928-1930.	12.6	425
5	Differentiating Migration and Dispersal Processes for Pondâ€Breeding Amphibians. Journal of Wildlife Management, 2008, 72, 260-267.	1.8	355
6	Principles for Management of Aquatic-Breeding Amphibians. Journal of Wildlife Management, 2000, 64, 615.	1.8	347
7	Biological Delineation of Terrestrial Buffer Zones for Pond-Breeding Salamanders. Conservation Biology, 1998, 12, 1113-1119.	4.7	323
8	An Experimental Investigation of Landscape Resistance of Forest versus Old-Field Habitats to Emigrating Juvenile Amphibians. Conservation Biology, 2002, 16, 1324-1332.	4.7	291
9	Critical Elements for Biologically Based Recovery Plans of Aquatic-Breeding Amphibians. Conservation Biology, 2002, 16, 619-629.	4.7	242
10	Influence of wetland hydroperiod on diversity and abundance of metamorphosing juvenile amphibians. Wetlands Ecology and Management, 1989, 1, 3.	1.5	224
11	Structure and Dynamics of an Amphibian Community. , 1996, , 217-248.		211
12	Variation in Pesticide Tolerance of Tadpoles among and within Species of Ranidae and Patterns of Amphibian Decline. Conservation Biology, 2000, 14, 1490-1499.	4.7	195
13	Effects of Timber Harvest on Amphibian Populations: Understanding Mechanisms from Forest Experiments. BioScience, 2009, 59, 853-862.	4.9	180
14	Ecological resistance surfaces predict fineâ€scale genetic differentiation in a terrestrial woodland salamander. Molecular Ecology, 2014, 23, 2402-2413.	3.9	169
15	MULTIPLE STRESSORS IN AMPHIBIAN COMMUNITIES: EFFECTS OF CHEMICAL CONTAMINATION, BULLFROGS, AND FISH. , 2007, 17, 291-301.		158
16	Effects of Body Size and Parasite Infection on the Locomotory Performance of Juvenile Toads, Bufo bufo. Oikos, 1993, 66, 129.	2.7	156
17	Movement ecology of amphibians: A missing component for understanding population declines. Biological Conservation, 2014, 169, 44-53.	4.1	154
18	Effects of visual, chemical and tactile cues of fish on the behavioural responses of tadpoles. Animal Behaviour, 1993, 46, 355-364.	1.9	151

#	Article	IF	Citations
19	Effects of Density of Growth, Metamorphosis, and Survivorship in Tadpoles of Scaphiopus Holbrooki. Ecology, 1982, 63, 905-911.	3.2	141
20	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities. Conservation Biology, 2001, 15, 228-238.	4.7	136
21	Grasslands as movement barriers for a forest-associated salamander: Migration behavior of adult and juvenile salamanders at a distinct habitat edge. Biological Conservation, 2006, 131, 14-22.	4.1	134
22	Relationship of Pond Drying to the Reproductive Success of the Salamander Ambystoma talpoideum. Copeia, 1987, 1987, 61.	1.3	129
23	Distribution of amphibians in terrestrial habitat surrounding wetlands. Wetlands, 2007, 27, 153-161.	1.5	129
24	Demographic Consequences of Terrestrial Habitat Loss for Poolâ€Breeding Amphibians: Predicting Extinction Risks Associated with Inadequate Size of Buffer Zones. Conservation Biology, 2008, 22, 1205-1215.	4.7	125
25	Paedomorphosis in Ambystoma Talpoideum: Effects of Density, Food, and Pond Drying. Ecology, 1987, 68, 994-1002.	3.2	124
26	Reproductive strategy of a facultatively paedomorphic salamander Ambystoma talpoideum. Oecologia, 1985, 65, 305-313.	2.0	118
27	INTERACTIONS OF AN INSECTICIDE WITH COMPETITION AND POND DRYING IN AMPHIBIAN COMMUNITIES. , 2002, 12, 307-316.		114
28	PAEDOMORPHOSIS IN AMBYSTOMA TALPOIDEUM : MAINTENANCE OF POPULATION VARIATION AND ALTERNATIVE LIFEâ€HISTORY PATHWAYS. Evolution; International Journal of Organic Evolution, 1990, 44, 1604-1613.	2.3	113
29	Effects of predation risk and hunger on the behaviour of two species of tadpoles. Behavioral Ecology and Sociobiology, 1994, 34, 393-401.	1.4	111
30	ARTIFICIAL SELECTION FOR PAEDOMORPHOSIS IN THE SALAMANDER AMBYSTOMA TALPOIDEUM. Evolution; International Journal of Organic Evolution, 1989, 43, 105-112.	2.3	110
31	Terrestrial activity and summer home range of the mole salamander (Ambystoma talpoideum). Canadian Journal of Zoology, 1981, 59, 315-322.	1.0	106
32	The Role of Microhabitats in the Desiccation and Survival of Anurans in Recently Harvested Oakâ€“Hickory Forest. Copeia, 2008, 2008, 807-814.	1.3	106
33	Effects of body size, sibship, and tail injury on the susceptibility of tadpoles to dragonfly predation. Canadian Journal of Zoology, 1990, 68, 1027-1030.	1.0	95
34	Interactions between fish and salamander larvae. Oecologia, 1987, 72, 481-486.	2.0	92
35	Influences of Design and Landscape Placement Parameters on Amphibian Abundance in Constructed Wetlands. Wetlands, 2010, 30, 915-928.	1.5	92
36	Estimation of Core Terrestrial Habitat for Stream-Breeding Salamanders and Delineation of Riparian Buffers for Protection of Biodiversity. Conservation Biology, 2007, 21, 152-158.	4.7	91

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37	Density dependence in the terrestrial life history stage of two anurans. Oecologia, 2007, 153, 879-889.	2.0	91
38	Fish predation in size-structured populations of treefrog tadpoles. Oecologia, 1988, 75, 321-326.	2.0	88
39	Effects of Temperature on Growth, Development, and Color Polymorphism in the Ornate Chorus Frog Pseudacris ornata. Copeia, 1988, 1988, 1001.	1.3	88
40	Survival costs associated with wood frog breeding migrations: effects of timber harvest and drought. Ecology, 2009, 90, 1620-1630.	3.2	86
41	Fine-Scale Habitat Associations of a Terrestrial Salamander: The Role of Environmental Gradients and Implications for Population Dynamics. PLoS ONE, 2013, 8, e62184.	2.5	85
42	EFFECTS OF TIMBER HARVESTING ON POND-BREEDING AMPHIBIAN PERSISTENCE: TESTING THE EVACUATION HYPOTHESIS. , 2008, 18, 283-289.		83
43	Interactions of an Insecticide with Larval Density and Predation in Experimental Amphibian Communities. Conservation Biology, 2001, 15, 228-238.	4.7	82
44	Paedomorphosis in Ambystoma talpoideum: Maintenance of Population Variation and Alternative Life-History Pathways. Evolution; International Journal of Organic Evolution, 1990, 44, 1604.	2.3	81
45	Effects of Egg Size on Success of Larval Salamanders in Complex Aquatic Environments. Ecology, 1990, 71, 1789-1795.	3.2	80
46	Analysis of Climatic Factors Influencing Migrations of the Salamander Ambystoma talpoideum. Copeia, 1985, 1985, 477.	1.3	79
47	Spontaneous heterosis in larval life-history traits of hemiclonal frog hybrids. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 2171-2176.	7.1	79
48	COMPETITION AND PREDATION MEDIATE THE INDIRECT EFFECTS OF AN INSECTICIDE ON SOUTHERN LEOPARD FROGS. , 2004, 14, 1041-1054.		78
49	EFFECTS OF AN INSECTICIDE ON AMPHIBIANS IN LARGE-SCALE EXPERIMENTAL PONDS. , 2004, 14, 685-691.		77
50	Abundance, biomass production, nutrient content, and the possible role of terrestrial salamanders in Missouri Ozark forest ecosystems. Canadian Journal of Zoology, 2014, 92, 997-1004.	1.0	73
51	Intermediate Pond Sizes Contain the Highest Density, Richness, and Diversity of Pond-Breeding Amphibians. PLoS ONE, 2015, 10, e0123055.	2.5	73
52	Intraspecific heterochrony and life history evolution: Decoupling somatic and sexual development in a facultatively paedomorphic salamander. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 5643-5648.	7.1	72
53	Competition Among Tadpoles of Coexisting Hemiclones of Hybridogenetic Rana esculenta: Support for the Frozen Niche Variation Model. Evolution; International Journal of Organic Evolution, 1997, 51, 1249.	2.3	69
54	Phenotypic Variation in Metamorphosis and Paedomorphosis in the Salamander Ambystoma talpoideum. Ecology, 1985, 66, 1123-1130.	3.2	67

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55	Salamander Abundance along Road Edges and within Abandoned Logging Roads in Appalachian Forests. Conservation Biology, 2007, 21, 159-167.	4.7	65
56	Trophic relations in a temporary pond: larval salamanders and their microinvertebrate prey. Canadian Journal of Zoology, 1988, 66, 2191-2198.	1.0	64
57	Density-Dependent Growth and Fecundity in the Paedomorphic Salamander Ambystoma Talpoideum. Ecology, 1987, 68, 1003-1008.	3.2	63
58	PERFORMANCE OF TADPOLES FROM THE HYBRIDOGENETIC RANA ESCULENTA COMPLEX: INTERACTIONS WITH POND DRYING AND INTERSPECIFIC COMPETITION. Evolution; International Journal of Organic Evolution, 1992, 46, 665-676.	2.3	63
59	Testing wetland features to increase amphibian reproductive success and species richness for mitigation and restoration. Ecological Applications, 2012, 22, 1675-1688.	3.8	63
60	Effects of predation risk and hunger on the behaviour of two species of tadpoles. Behavioral Ecology and Sociobiology, 1994, 34, 393-401.	1.4	62
61	LOCAL VARIATION IN THE GENETIC BASIS OF PAEDOMORPHOSIS IN THE SALAMANDER AMBYSTOMA TALPOIDEUM. Evolution; International Journal of Organic Evolution, 1990, 44, 1588-1603.	2.3	58
62	Paedomorphosis in the Salamander Ambystoma Talpoideum: Effects of a Fish Predator. Ecology, 1993, 74, 342-350.	3.2	58
63	Leaf litter input mediates tadpole performance across forest canopy treatments. Oecologia, 2008, 155, 377-384.	2.0	57
64	Density-dependent injury in larval salamanders. Oecologia, 1989, 81, 100-103.	2.0	56
65	Perceptions of Species Abundance, Distribution, and Diversity: Lessons from Four Decades of Sampling on a Government-Managed Reserve. Environmental Management, 1997, 21, 259-268.	2.7	55
66	Interactions of bullfrog tadpole predators and an insecticide: predation release and facilitation. Oecologia, 2003, 137, 610-616.	2.0	55
67	Consequences of forest fragmentation for juvenile survival in spotted (Ambystoma maculatum) and marbled (Ambystoma opacum) salamanders. Canadian Journal of Zoology, 2006, 84, 797-807.	1.0	55
68	Spatial variation in water loss predicts terrestrial salamander distribution and population dynamics. Oecologia, 2014, 176, 357-369.	2.0	53
69	ADAPTIVE GENETIC VARIATION IN GROWTH AND DEVELOPMENT OF TADPOLES OF THE HYBRIDOGENETICRANA ESCULENTACOMPLEX. Evolution; International Journal of Organic Evolution, 1993, 47, 1805-1818.	2.3	52
70	Effects of triphenyltin and pH on the growth and development of Rana lessonae and Rana esculenta tadpoles. Environmental Toxicology and Chemistry, 1997, 16, 1940-1947.	4.3	52
71	Postbreeding Habitat Use of Wood Frogs in a Missouri Oak-hickory Forest. Journal of Herpetology, 2007, 41, 645-653.	0.5	52
72	Breeding and Recruitment Phenology of Amphibians in Missouri Oak-Hickory Forests. American Midland Naturalist, 2008, 160, 41-60.	0.4	52

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73	Larval Responses of Three Midwestern Anurans to Chronic, Low-Dose Exposures of Four Herbicides. Archives of Environmental Contamination and Toxicology, 2010, 58, 819-827.	4.1	50
74	Structure and Dynamics of Two Breeding Populations of the Eastern Tiger Salamander, Ambystoma tigrinum. Copeia, 1983, 1983, 608.	1.3	49
75	Effects of nonlethal injury and habitat complexity on predation in tadpole populations. Canadian Journal of Zoology, 1991, 69, 830-834.	1.0	48
76	Phenotypic Variation in the Arrival Time of Breeding Salamanders: Individual Repeatability and Environmental Influences. Journal of Animal Ecology, 1993, 62, 334.	2.8	47
77	Genetic compatibility between sexual and clonal genomes in local populations of the hybridogeneticRana esculenta complex. Evolutionary Ecology, 1996, 10, 531-543.	1.2	46
78	SPECIFIC RESPONSES OF SEXUAL AND HYBRIDOGENETIC EUROPEAN WATERFROG TADPOLES TO TEMPERATURE. Ecology, 2001, 82, 766-774.	3.2	45
79	Sex and seasonal differences in the spatial terrestrial distribution of gray treefrog (Hyla versicolor) populations. Biological Conservation, 2007, 140, 250-258.	4.1	45
80	Ecological Consequences of Tail Injury in Rana Tadpoles. Copeia, 1990, 1990, 18.	1.3	44
81	Effects of timber harvest on breeding-site selection by gray treefrogs (Hyla versicolor). Biological Conservation, 2007, 138, 506-513.	4.1	43
82	Allotopic Distribution of Two Salamanders: Effects of Fish Predation and Competitive Interactions. Copeia, 1988, 1988, 290.	1.3	42
83	Overwintered Bullfrog Tadpoles Negatively Affect Salamanders and Anurans in Native Amphibian Communities. Copeia, 2004, 2004, 683-690.	1.3	42
84	Productivity and significance of headwater streams: population structure and biomass of the blackâ€bellied salamander (Desmognathus quadramaculatus). Freshwater Biology, 2008, 53, 347-357.	2.4	42
85	Shortâ€term exposure to triphenyltin affects the swimming and feeding behavior of tadpoles. Environmental Toxicology and Chemistry, 1995, 14, 1419-1423.	4.3	41
86	Conservation and management of peripheral populations: Spatial and temporal influences on the genetic structure of wood frog (Rana sylvatica) populations. Biological Conservation, 2013, 158, 351-358.	4.1	41
87	Population Variation in Survival and Metamorphosis of Larval Salamanders (Ambystoma maculatum) in the Presence and Absence of Fish Predation. Copeia, 1990, 1990, 818.	1.3	40
88	Efficacy of riparian buffers in mitigating local population declines and the effects of even-aged timber harvest on larval salamanders. Forest Ecology and Management, 2009, 257, 8-14.	3.2	39
89	Differential dispersal shapes population structure and patterns of genetic differentiation in two sympatric pond breeding salamanders. Conservation Genetics, 2015, 16, 59-69.	1.5	39
90	Variation in somatic and ovarian development: Predicting susceptibility of amphibians to estrogenic contaminants. General and Comparative Endocrinology, 2008, 156, 524-530.	1.8	37

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91	Biomass export of salamanders and anurans from ponds is affected differentially by changes in canopy cover. Freshwater Biology, 2011, 56, 2473-2482.	2.4	37
92	Mosquitofish dominate amphibian and invertebrate community development in experimental wetlands. Journal of Applied Ecology, 2013, 50, 1244-1256.	4.0	37
93	Reducing bias in population and landscape genetic inferences: the effects of sampling related individuals and multiple life stages. PeerJ, 2016, 4, e1813.	2.0	37
94	Genetic Variation in Insecticide Tolerance in a Population of Southern Leopard Frogs (Rana) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 622 Tc	1.3	36
95	Life history differences influence the impacts of drought on two pondâ€breeding salamanders. Ecological Applications, 2015, 25, 1896-1910.	3.8	36
96	Effects of experimental forest management on a terrestrial, woodland salamander in Missouri. Forest Ecology and Management, 2013, 287, 32-39.	3.2	35
97	Mating behavior and determinants of male mating success in the gray treefrog, Hyla chrysoscelis. Canadian Journal of Zoology, 1991, 69, 246-250.	1.0	34
98	Body Size Dimorphism and Sexual Selection in Two Species of Water Snakes. Copeia, 1982, 1982, 974.	1.3	33
99	Life History as a Predictor of Salamander Recovery Rate from Timber Harvest in Southern Appalachian Forests, U.S.A. Conservation Biology, 2013, 27, 1399-1409.	4.7	33
100	Effects of even-aged timber harvest on stream salamanders: Support for the evacuation hypothesis. Forest Ecology and Management, 2011, 262, 2344-2353.	3.2	32
101	Carryover effects in amphibians: Are characteristics of the larval habitat needed to predict juvenile survival?. Ecological Applications, 2013, 23, 1429-1442.	3.8	32
102	Defining core habitat of local populations of the gray treefrog (Hyla versicolor) based on choice of oviposition site. Oecologia, 2003, 137, 205-210.	2.0	31
103	METAMORPHOSIS OF TWO AMPHIBIAN SPECIES AFTER CHRONIC CADMIUM EXPOSURE IN OUTDOOR AQUATIC MESOCOSMS. Environmental Toxicology and Chemistry, 2005, 24, 1994.	4.3	30
104	Demographic network and multi-season occupancy modeling of Rana sylvatica reveal spatial and temporal patterns of population connectivity and persistence. Landscape Ecology, 2013, 28, 1601-1613.	4.2	30
105	Effects of subsidy quality on reciprocal subsidies: how leaf litter species changes frog biomass export. Oecologia, 2014, 175, 209-218.	2.0	30
106	Structure and Dynamics of Ringed Salamander (Ambystoma annulatum) Populations in Missouri. Herpetologica, 2014, 70, 14.	0.4	30
107	Habitat traits and species interactions differentially affect abundance and body size in pondâ€breeding amphibians. Journal of Animal Ecology, 2015, 84, 914-924.	2.8	30
108	Top predators and habitat complexity alter an intraguild predation module in pond communities. Journal of Animal Ecology, 2016, 85, 548-558.	2.8	30

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109	EFFECTS OF TRIPHENYLTIN AND pH ON THE GROWTH AND DEVELOPMENT OF RANA LESSONAE AND RANA ESCULENTA TADPOLES. Environmental Toxicology and Chemistry, 1997, 16, 1940.	4.3	30
110	Diel Pattern of Migratory Activity for Several Species of Pond-Breeding Salamanders. Copeia, 1985, 1985, 86.	1.3	29
111	Suitability of Golf Course Ponds for Amphibian Metamorphosis When Bullfrogs Are Removed. Conservation Biology, 2008, 22, 172-179.	4.7	29
112	Seasonal Terrestrial Microhabitat Use by Gray Treefrogs (Hyla versicolor) in Missouri Oak-hickory Forests. Herpetologica, 2008, 64, 259-269.	0.4	29
113	COMPETITION AMONG TADPOLES OF COEXISTING HEMICLONES OF HYBRIDOGENETIC RANA ESCULENTA : SUPPORT FOR THE FROZEN NICHE VARIATION MODEL. Evolution; International Journal of Organic Evolution, 1997, 51, 1249-1261.	2.3	28
114	Spatial Subsidies, Trophic State, and Community Structure: Examining the Effects of Leaf Litter Input on Ponds. Ecosystems, 2013, 16, 639-651.	3.4	28
115	Extinction Debt as a Driver of Amphibian Declines: An Example with Imperiled Flatwoods Salamanders. Journal of Herpetology, 2017, 51, 12-18.	0.5	28
116	Diel activity patterns in the breeding migrations of winter-breeding anurans. Canadian Journal of Zoology, 1986, 64, 1116-1120.	1.0	27
117	Growth and the expression of alternative life cycles in the salamander Ambystoma talpoideum (Caudata: Ambystomatidae). Biological Journal of the Linnean Society, 2003, 80, 639-646.	1.6	27
118	Behavioral response of migrating wood frogs to experimental timber harvest surrounding wetlands. Canadian Journal of Zoology, 2009, 87, 618-625.	1.0	27
119	Predicting Variation in Microhabitat Utilization of Terrestrial Salamanders. Herpetologica, 2014, 70, 259-265.	0.4	27
120	Asymmetric reproductive isolation among polymorphic salamanders. Biological Journal of the Linnean Society, 2005, 86, 265-281.	1.6	26
121	Abiotic factors influencing abundance and microhabitat use of stream salamanders in southern Appalachian forests. Forest Ecology and Management, 2008, 255, 1841-1847.	3.2	26
122	Advancing Terrestrial Salamander Population Ecology: The Central Role of Imperfect Detection. Journal of Herpetology, 2015, 49, 533-540.	0.5	26
123	The effect of soil composition and hydration on the bioavailability and toxicity of cadmium to hibernating juvenile American toads (Bufo americanus). Environmental Pollution, 2004, 132, 523-532.	7.5	25
124	Reciprocal subsidies in ponds: does leaf input increase frog biomass export?. Oecologia, 2012, 170, 1077-1087.	2.0	25
125	Effects of leachate from tree leaves and grass litter on tadpoles. Environmental Toxicology and Chemistry, 2012, 31, 1511-1517.	4.3	25
126	High intraguild predator density induces thinning effects on and increases temporal overlap with prey populations. Population Ecology, 2014, 56, 265-273.	1.2	25

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127	Prescribed fire and timber harvest effects on terrestrial salamander abundance, detectability, and microhabitat use. Journal of Wildlife Management, 2015, 79, 766-775.	1.8	25
128	Successful use of a passive integrated transponder (PIT) system for below-ground detection of plethodontid salamanders. Wildlife Research, 2012, 39, 1.	1.4	24
129	Measuring terrestrial movement behavior using passive integrated transponder (PIT) tags: effects of tag size on detection, movement, survival, and growth. Behavioral Ecology and Sociobiology, 2014, 68, 343-350.	1.4	24
130	SUBSTRATE CUES INFLUENCE HABITAT SELECTION BY SPOTTED SALAMANDERS. Journal of Wildlife Management, 2004, 68, 1151-1158.	1.8	22
131	Effects of fine-scale forest habitat quality on movement and settling decisions in juvenile pond-breeding salamanders. , 2014, 24, 1719-1729.		22
132	A multistate markâ€“recapture approach to estimating survival of <scp>PIT</scp>â€tagged salamanders following timber harvest. Journal of Applied Ecology, 2015, 52, 1316-1324.	4.0	22
133	Effects of tannin source and concentration from tree leaves on two species of tadpoles. Environmental Toxicology and Chemistry, 2015, 34, 120-126.	4.3	21
134	Predation of Eggs and Recently Hatched Larvae of Endemic Ringed Salamanders (Ambystoma) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	0.4	20
135	Western mosquitofish (Gambusia affinis) bolster the prevalence and severity of tadpole tail injuries in experimental wetlands. Hydrobiologia, 2014, 723, 131-144.	2.0	20
136	Terrestrial Performance of Juvenile Frogs in Two Habitat Types after Chronic Larval Exposure to a Contaminant. Journal of Herpetology, 2011, 45, 186-194.	0.5	19
137	Structure and Dynamics of Spotted Salamander (Ambystoma maculatum) Populations in Missouri. Herpetologica, 2016, 72, 81-89.	0.4	19
138	Structured decision making as a conservation tool for recovery planning of two endangered salamanders. Journal for Nature Conservation, 2017, 37, 66-72.	1.8	19
139	Asymmetric competition in larval amphibian communities: conservation implications for the northern crawfish frog,. Oecologia, 1998, 116, 219.	2.0	19
140	Female reproductive biology of the southeastern crowned snake (Tantilla coronata). Amphibia - Reptilia, 1992, 13, 209-218.	0.5	18
141	Ecology of the Southeastern Crowned Snake,Tantilla coronata. Copeia, 2008, 2008, 388-394.	1.3	18
142	Intersex gonads in frogs: understanding the time course of natural development and role of endocrine disruptors. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2010, 314B, 57-66.	1.3	18
143	ASYMMETRIC COMPETITION IN MIXED POPULATIONS OF TADPOLES OF THE HYBRIDOGENETIC:RANA ESCULENTACOMPLEX. Evolution; International Journal of Organic Evolution, 1993, 47, 510-519.	2.3	17
144	Assessing modularity in genetic networks to manage spatially structured metapopulations. Ecosphere, 2016, 7, e01231.	2.2	17

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145	Variation in phenology and density differentially affects predatorâ€“prey interactions between salamanders. Oecologia, 2017, 185, 475-486.	2.0	17
146	Partitioning Detectability Components in Populations Subject to Within-Season Temporary Emigration Using Binomial Mixture Models. PLoS ONE, 2015, 10, e0117216.	2.5	16
147	Importance of forestry practices relative to microhabitat and microclimate changes for juvenile pond-breeding amphibians. Forest Ecology and Management, 2015, 357, 151-160.	3.2	16
148	Intermorph breeding and the potential for reproductive isolation in polymorphic mole salamanders (Ambystoma talpoideum). Behavioral Ecology and Sociobiology, 2006, 60, 52-61.	1.4	15
149	Non-additive response of larval ringed salamanders to intraspecific density. Oecologia, 2016, 180, 1137-1145.	2.0	15
150	The influence of breeding phenology on the genetic structure of four pondâ€breeding salamanders. Ecology and Evolution, 2017, 7, 4670-4681.	1.9	15
151	Automated analysis of temperature variance to determine inundation state of wetlands. Wetlands Ecology and Management, 2015, 23, 1039-1047.	1.5	14
152	Size-dependent cannibalism in noctuid caterpillars. Oecologia, 1988, 77, 286-288.	2.0	13
153	Life History and Ecology of the Southern Redback Salamander, Plethodon serratus, in Missouri. Journal of Herpetology, 2000, 34, 341.	0.5	13
154	Context-dependent movement behavior of woodland salamanders (Plethodon) in two habitat types. Zoology, 2013, 116, 325-330.	1.2	13
155	Joint effects of resources and amphibians on pond ecosystems. Oecologia, 2017, 183, 237-247.	2.0	13
156	Competition in Two Species of Larval Salamanders: A Test of Geographic Variation in Competitive Ability. Copeia, 1993, 1993, 587.	1.3	12
157	Do golf courses reduce the ecological value of headwater streams for salamanders in the southern Appalachian Mountains?. Landscape and Urban Planning, 2014, 125, 17-27.	7.5	12
158	No evidence of natal habitat preference induction in juveniles with complex life histories. Animal Behaviour, 2014, 93, 237-242.	1.9	12
159	Stoichiometry and Life-History Interact to Determine the Magnitude of Cross-Ecosystem Element and Biomass Fluxes. Frontiers in Microbiology, 2017, 8, 814.	3.5	12
160	Effects of conditionally expressed phenotypes and environment on amphibian dispersal in nature. Oikos, 2018, 127, 1142-1151.	2.7	12
161	Lack of Largemouth Bass Predation on Hatchling Turtles (Trachemys scripta). Copeia, 1989, 1989, 1030.	1.3	11
162	Cloacal anatomy of paedomorphic female Ambystoma talpoideum (Caudata: Ambystomatidae), with comments on intermorph mating and sperm storage. Canadian Journal of Zoology, 1994, 72, 2147-2157.	1.0	11

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163	DIFFERENTIAL PERFORMANCE AMONG LDH-B GENOTYPES IN RANA LESSONAE TADPOLES. Evolution; International Journal of Organic Evolution, 2000, 54, 1750-1759.	2.3	10
164	Identification of Polymorphic Loci in Ambystoma annulatum and Review of Cross-species Microsatellite Use in the Genus Ambystoma. Copeia, 2012, 2012, 570-577.	1.3	10
165	Abundance and phenology patterns of two pond-breeding salamanders determine species interactions in natural populations. Oecologia, 2015, 177, 761-773.	2.0	10
166	A Vector Approach for Modeling Landscape Corridors and Habitat Connectivity. Environmental Modeling and Assessment, 2015, 20, 1-16.	2.2	10
167	Estimating Survival for Elusive Juvenile Pondâ€Breeding Salamanders. Journal of Wildlife Management, 2020, 84, 562-575.	1.8	10
168	Using spatial demographic network models to optimize habitat management decisions. Journal of Wildlife Management, 2018, 82, 649-659.	1.8	9
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