

# Rosemary Knapp

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

2,010  
citations

279798

23  
h-index

315739

38  
g-index

42  
all docs

42  
docs citations

42  
times ranked

1391  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Hormonal Control and Evolution of Alternative Male Phenotypes: Generalizations of Models for Sexual Differentiation. <i>American Zoologist</i> , 1998, 38, 133-151.   | 0.7 | 200       |
| 2  | Early Exposure to Androgens Affects Adult Expression of Alternative Male Types in Tree Lizards. <i>Hormones and Behavior</i> , 1994, 28, 96-115.  | 2.1 | 150       |
| 3  | Seasonal variation of steroid hormone levels in an intertidal-nesting fish, the vocal plainfin midshipman. <i>General and Comparative Endocrinology</i> , 2004, 136, 101-116.   | 1.8 | 149       |
| 4  | Steroid Hormones and Paternal Care in the Plainfin Midshipman Fish ( <i>Porichthys notatus</i> ). <i>Hormones and Behavior</i> , 1999, 35, 81-89.   | 2.1 | 131       |
| 5  | Thermal Ecology, Behavior, and Growth of Gypsy Moth and Eastern Tent Caterpillars. <i>Ecology</i> , 1986, 67, 598-608.  | 3.2 | 94        |
| 6  | Male Morphs in Tree Lizards Have Different Testosterone Responses to Elevated Levels of Corticosterone. <i>General and Comparative Endocrinology</i> , 1997, 107, 273-279.  | 1.8 | 93        |
| 7  | Plasma Steroid-Binding Globulin Mediation of Differences in Stress Reactivity in Alternative Male Phenotypes in Tree Lizards, <i>Urosaurus ornatus</i> . <i>General and Comparative Endocrinology</i> , 2000, 120, 289-299. | 1.8 | 93        |
| 8  | Endocrine Mediation of Vertebrate Male Alternative Reproductive Tactics: The Next Generation of Studies. <i>Integrative and Comparative Biology</i> , 2003, 43, 658-668.  | 2.0 | 86        |
| 9  | Plasma levels of androgens and cortisol in relation to breeding behavior in parental male bluegill sunfish, <i>Lepomis macrochirus</i> . <i>Hormones and Behavior</i> , 2006, 49, 598-609.                                  | 2.1 | 77        |
| 10 | Hormonal Responses to Aggression Vary in Different Types of Agonistic Encounters in Male Tree Lizards, <i>Urosaurus ornatus</i> . <i>Hormones and Behavior</i> , 1995, 29, 85-105.  | 2.1 | 74        |
| 11 | Male morphs in tree lizards, <i>Urosaurus ornatus</i> , have different delayed hormonal responses to aggressive encounters. <i>Animal Behaviour</i> , 1996, 52, 1045-1055.  | 1.9 | 72        |
| 12 | Macroevolutionary Patterning in Glucocorticoids Suggests Different Selective Pressures Shape Baseline and Stress-Induced Levels. <i>American Naturalist</i> , 2019, 193, 866-880.   | 2.1 | 64        |
| 13 | Elevated corticosterone levels elicit non-calling mating tactics in male toads independently of changes in circulating androgens. <i>Hormones and Behavior</i> , 2006, 49, 425-432.   | 2.1 | 61        |
| 14 | Baseline and stress-induced corticosterone levels across birds and reptiles do not reflect urbanization levels. , 2020, 8, coz110.  |     | 57        |
| 15 | Environmental and endocrine correlates of tactic switching by nonterritorial male tree lizards ( <i>Urosaurus ornatus</i> ). <i>Hormones and Behavior</i> , 2003, 43, 83-92.  | 2.1 | 53        |
| 16 | Dynamic Endocrine Responses to Stress: Evidence for Energetic Constraints and Status Dependence in Breeding Male Green Turtles. <i>General and Comparative Endocrinology</i> , 2002, 126, 59-67.                            | 1.8 | 42        |
| 17 | Stress Hormone Is Implicated in Satellite Caller Associations and Sexual Selection in the Great Plains Toad. <i>American Naturalist</i> , 2006, 168, 431-440.   | 2.1 | 42        |
| 18 | HormoneBase, a population-level database of steroid hormone levels across vertebrates. <i>Scientific Data</i> , 2018, 5, 180097.  | 5.3 | 42        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Steroid hormones in bluegill, a species with male alternative reproductive tactics including female mimicry. <i>Biology Letters</i> , 2007, 3, 628-632.                                       | 2.3 | 41        |
| 20 | Relationships among steroid hormone levels, vocal effort and body condition in an explosive-breeding toad. <i>Animal Behaviour</i> , 2008, 76, 175-185.                                       | 1.9 | 40        |
| 21 | The stress of elaborate male traits: integrating glucocorticoids with androgen-based models of sexual selection. <i>Animal Behaviour</i> , 2014, 89, 85-92.                                   | 1.9 | 33        |
| 22 | Sympathetic Mediation of Stress and Aggressive Competition: Plasma Catecholamines in Free-living Male Tree Lizards. <i>Physiology and Behavior</i> , 1997, 61, 639-647.                       | 2.1 | 32        |
| 23 | Density-dependent mating tactic expression is linked to stress hormone in Woodhouse's toad. <i>Behavioral Ecology</i> , 2008, 19, 1103-1110.  | 2.2 | 27        |
| 24 | Metabolic Scaling of Stress Hormones in Vertebrates. <i>Integrative and Comparative Biology</i> , 2018, 58, 729-738.  | 2.0 | 27        |
| 25 | Paternity, parental behavior and circulating steroid hormone concentrations in nest-tending male bluegill. <i>Hormones and Behavior</i> , 2009, 56, 239-245.                                  | 2.1 | 25        |
| 26 | Brain Transcriptional Profiles of Male Alternative Reproductive Tactics and Females in Bluegill Sunfish. <i>PLoS ONE</i> , 2016, 11, e0167509.  | 2.5 | 25        |
| 27 | Glucocorticoid and androgen signaling pathways diverge between advertisement calling and non-calling fish. <i>Hormones and Behavior</i> , 2012, 62, 426-432.                                  | 2.1 | 23        |
| 28 | Stress hormone masculinizes female morphology and behaviour. <i>Biology Letters</i> , 2011, 7, 150-152.   | 2.3 | 22        |
| 29 | Caterpillar thermal adaptation: Behavioral differences reflect metabolic thermal sensitivities. <i>Comparative Biochemistry and Physiology A, Comparative Physiology</i> , 1987, 86, 679-682. | 0.6 | 21        |
| 30 | Do Seasonal Glucocorticoid Changes Depend on Reproductive Investment? A Comparative Approach in Birds. <i>Integrative and Comparative Biology</i> , 2018, 58, 739-750.                        | 2.0 | 21        |
| 31 | Androgen-mediated nurturing and aggressive behaviors during paternal care in bluegill sunfish ( <i>Lepomis macrochirus</i> ). <i>Hormones and Behavior</i> , 2013, 63, 454-461.               | 2.1 | 20        |
| 32 | IUCN Conservation Status Does Not Predict Glucocorticoid Concentrations in Reptiles and Birds. <i>Integrative and Comparative Biology</i> , 2018, 58, 800-813.                                | 2.0 | 13        |
| 33 | Androgen and prolactin manipulation induces changes in aggressive and nurturing behavior in a fish with male parental care. <i>Hormones and Behavior</i> , 2019, 116, 104582.                 | 2.1 | 11        |
| 34 | Life history and environment predict variation in testosterone across vertebrates. <i>Evolution; International Journal of Organic Evolution</i> , 2021, 75, 1003-1010.                        | 2.3 | 11        |
| 35 | Alternative Reproductive Tactics in Fishes. , 2008, , 411-433.  |     | 11        |
| 36 | Effects of Exogenous Testosterone on Parental Care Behaviours in Male Bluegill Sunfish (<i>Lepomis) Tj ETQq0 0 0 19 BT /Overlock 10 Tf  |     | 11        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 37 | Androgen effects on immune gene expression during parental care in bluegill sunfish ( <i>Lepomis</i> ) Tj ETQq1 1 0.784314 rgBT <sub>6</sub> /Overlock  | 1.0 | 6         |
| 38 | Location of neurons projecting to the hypophysial stalk ? median eminence in ring doves ( <i>Streptopelia</i> ) Tj ETQq0 0.0 rgBT /Overlock 10  | 2.9 | 4         |
| 39 | Testicular Function and Hormonal Regulation in Fishes. , 2011, , 43-63.   |     | 3         |
| 40 | A test of the effects of androgens on immunity: No relationship between 11-ketotestosterone and immune performance in bluegill ( <i>Lepomis macrochirus</i> ). <i>General and Comparative Endocrinology</i> , 2018, 261, 1-8. | 1.8 | 3         |
| 41 | Species-Specific Means and Within-Species Variance in Glucocorticoid Hormones and Speciation Rates in Birds. <i>Integrative and Comparative Biology</i> , 2018, 58, 763-776.  | 2.0 | 2         |