

# Randy J Nelson

## List of Publications by Year in descending order

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Version: 2024-02-01

390  
papers

23,686  
citations

6486

82  
h-index

14012

133  
g-index

464  
all docs

464  
docs citations

464  
times ranked

21089  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Light at night disrupts biological clocks, calendars, and immune function. <i>Seminars in Immunopathology</i> , 2022, 44, 165-173.   | 2.8 | 20        |
| 2  | Sex Differences in Circadian Rhythms. <i>Cold Spring Harbor Perspectives in Biology</i> , 2022, 14, a039107.   | 2.3 | 19        |
| 3  | Open-source analysis and visualization of segmented vasculature datasets with VesselVio. <i>Cell Reports Methods</i> , 2022, 2, 100189.  | 1.4 | 12        |
| 4  | Effects of light pollution on photoperiod-driven seasonality. <i>Hormones and Behavior</i> , 2022, 141, 105150.  | 1.0 | 12        |
| 5  | Amino Acid Nanofibers Improve Glycemia and Confer Cognitive Therapeutic Efficacy to Bound Insulin. <i>Pharmaceutics</i> , 2022, 14, 81.  | 2.0 | 0         |
| 6  | Introduction to the special issue honoring the career of David Crews. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2022, 337, 5-6.           | 0.9 | 1         |
| 7  | Time-restricted feeding alters the efficiency of mammary tumor growth. <i>Chronobiology International</i> , 2022, 39, 535-546.   | 0.9 | 6         |
| 8  | The Ventral Tegmental Area and Nucleus Accumbens as Circadian Oscillators: Implications for Drug Abuse and Substance Use Disorders. <i>Frontiers in Physiology</i> , 2022, 13, 886704. | 1.3 | 17        |
| 9  | Time of day as a critical variable in biology. <i>BMC Biology</i> , 2022, 20, .  | 1.7 | 18        |
| 10 | Circadian Variation in Efficacy of Medications. <i>Clinical Pharmacology and Therapeutics</i> , 2021, 109, 1457-1488.  | 2.3 | 16        |
| 11 | Disrupted circadian rhythms and mental health. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2021, 179, 259-270.   | 1.0 | 10        |
| 12 | Light at Night and Disrupted Circadian Rhythms Alter Physiology and Behavior. <i>Integrative and Comparative Biology</i> , 2021, 61, 1160-1169.  | 0.9 | 35        |
| 13 | Inaugural Editorial. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2021, 335, 385-385.  | 0.9 | 2         |
| 14 | Clocks, Rhythms, Sex, and Hearts: How Disrupted Circadian Rhythms, Time-of-Day, and Sex Influence Cardiovascular Health. <i>Biomolecules</i> , 2021, 11, 883.                          | 1.8 | 18        |
| 15 | Disruptions of Circadian Rhythms and Thrombolytic Therapy During Ischemic Stroke Intervention. <i>Frontiers in Neuroscience</i> , 2021, 15, 675732.                                    | 1.4 | 8         |
| 16 | Time-of-day as a critical biological variable. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 127, 740-746.   | 2.9 | 27        |
| 17 | Artificial Light at Night Reduces Anxiety-like Behavior in Female Mice with Exacerbated Mammary Tumor Growth. <i>Cancers</i> , 2021, 13, 4860.   | 1.7 | 5         |
| 18 | Circadian rhythms and pain. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 129, 296-306.  | 2.9 | 31        |

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|----|--|-----|-----------|
| 19 | Circadian Influences on Chemotherapy Efficacy in a Mouse Model of Brain Metastases of Breast Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 752331.                            | 1.3 | 5         |
| 20 | Acute exposure to low-level light at night is sufficient to induce neurological changes and depressive-like behavior. <i>Molecular Psychiatry</i> , 2020, 25, 1080-1093.         | 4.1 | 62        |
| 21 | Dim light at night exacerbates stroke outcome. <i>European Journal of Neuroscience</i> , 2020, 52, 4139-4146.  | 1.2 | 10        |
| 22 | Light Pollution and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9360.   | 1.8 | 63        |
| 23 | Circadian rhythm disruption and mental health. <i>Translational Psychiatry</i> , 2020, 10, 28.   | 2.4 | 422       |
| 24 | Transcardial perfusion is not required to accurately measure cytokines within the brain. <i>Journal of Neuroscience Methods</i> , 2020, 334, 108601.                             | 1.3 | 6         |
| 25 | Dim Light at Night Exposure Induces Cold Hyperalgesia and Mechanical Allodynia in Male Mice. <i>Neuroscience</i> , 2020, 434, 111-119.   | 1.1 | 17        |
| 26 | Exposure to dim light at night prior to conception attenuates offspring innate immune responses. <i>PLoS ONE</i> , 2020, 15, e0231140.   | 1.1 | 9         |
| 27 | Melatonin and Seasonality in Mammals. , 2020, , 225-252.   |     | 10        |
| 28 | Global climate change and invariable photoperiods: A mismatch that jeopardizes animal fitness. <i>Ecology and Evolution</i> , 2019, 9, 10044-10054.                              | 0.8 | 33        |
| 29 | Estradiol treatment improves biological rhythms in a preclinical rat model of menopause. <i>Neurobiology of Aging</i> , 2019, 83, 1-10.  | 1.5 | 9         |
| 30 | The role of PHOX2B-derived astrocytes in chemosensory control of breathing and sleep homeostasis. <i>Journal of Physiology</i> , 2019, 597, 2225-2251.                           | 1.3 | 27        |
| 31 | Light at night exacerbates metabolic dysfunction in a polygenic mouse model of type 2 diabetes mellitus. <i>Life Sciences</i> , 2019, 231, 116574.                               | 2.0 | 12        |
| 32 | Prior exposure to dim light at night impairs dermal wound healing in female C57BL/6 mice. <i>Archives of Dermatological Research</i> , 2019, 311, 573-576.                       | 1.1 | 9         |
| 33 | Alpha2B-Adrenergic Receptor Overexpression in the Brain Potentiate Air Pollution-induced Behavior and Blood Pressure Changes. <i>Toxicological Sciences</i> , 2019, 169, 95-107. | 1.4 | 20        |
| 34 | Dim light at night impairs recovery from global cerebral ischemia. <i>Experimental Neurology</i> , 2019, 317, 100-109.   | 2.0 | 23        |
| 35 | 0038 Sleeping with Low Levels of Artificial Light at Night Increases Systemic Inflammation in Humans. <i>Sleep</i> , 2019, 42, A15-A16.  | 0.6 | 2         |
| 36 | Hormones and Behavior: Basic Concepts. , 2019, , 51-60.  |     | 1         |

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|----|--|-----|-----------|
| 37 | miR-155 deletion modulates lipopolysaccharide-induced sleep in female mice. <i>Chronobiology International</i> , 2019, 36, 188-202.  | 0.9 | 6         |
| 38 | Photoperiod regulates hypothalamic miR-155 gene expression in female, but not male, Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Behavioral Neuroscience</i> , 2019, 133, 240-246.   | 0.6 | 4         |
| 39 | <i>Social Behavior and Parasites.</i> , 2019, , 739-746.   |     | 0         |
| 40 | Elevated aggressive behavior in male mice with thyroid-specific <i>Prkar1a</i> and global <i>Epac1</i> gene deletion. <i>Hormones and Behavior</i> , 2018, 98, 121-129.  | 1.0 | 1         |
| 41 | The Heart's rhythm ~™ blues: Sex differences in circadian variation patterns of vagal activity vary by depressive symptoms in predominantly healthy employees. <i>Chronobiology International</i> , 2018, 35, 896-909.                                     | 0.9 | 32        |
| 42 | MicroRNAs: Roles in Regulating Neuroinflammation. <i>Neuroscientist</i> , 2018, 24, 221-245.   | 2.6 | 184       |
| 43 | Light at night as an environmental endocrine disruptor. <i>Physiology and Behavior</i> , 2018, 190, 82-89.   | 1.0 | 121       |
| 44 | Time-Restricted Feeding Alters the Innate Immune Response to Bacterial Endotoxin. <i>Journal of Immunology</i> , 2018, 200, 681-687.   | 0.4 | 27        |
| 45 | Artificial light at night as an environmental pollutant: An integrative approach across taxa, biological functions, and scientific disciplines. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 387-393. | 0.9 | 37        |
| 46 | A Role for Hypocretin/Orexin in Metabolic and Sleep Abnormalities in a Mouse Model of Non-metastatic Breast Cancer. <i>Cell Metabolism</i> , 2018, 28, 118-129.e5.   | 7.2 | 65        |
| 47 | Artificial light at night alters behavior in laboratory and wild animals. <i>Journal of Experimental Zoology Part A: Ecological and Integrative Physiology</i> , 2018, 329, 401-408.   | 0.9 | 45        |
| 48 | Do Cigarettes Have Long-lasting Effects on Children's Sleep?. <i>Frontiers for Young Minds</i> , 2018, 6, .  | 0.8 | 0         |
| 49 | Circadian Health and Light: A Report on the National Heart, Lung, and Blood Institute's Workshop. <i>Journal of Biological Rhythms</i> , 2018, 33, 451-457.  | 1.4 | 29        |
| 50 | Dark matters: effects of light at night on metabolism. <i>Proceedings of the Nutrition Society</i> , 2018, 77, 223-229.  | 0.4 | 53        |
| 51 | Effects of light at night on laboratory animals and research outcomes.. <i>Behavioral Neuroscience</i> , 2018, 132, 302-314.   | 0.6 | 36        |
| 52 | Abstract LB-326: Unresolved microgliosis and impaired neurogenesis are associated with cognitive deficiency in a clinically relevant mouse model of fractionated whole brain radiation. , 2018, , .  |     | 0         |
| 53 | Photoperiodic regulation of behavior: <i>Peromyscus</i> as a model system. <i>Seminars in Cell and Developmental Biology</i> , 2017, 61, 82-91.  | 2.3 | 24        |
| 54 | Timing of light exposure affects mood and brain circuits. <i>Translational Psychiatry</i> , 2017, 7, e1017-e1017.  | 2.4 | 211       |

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|----|---|-----|-----------|
| 55 | Time-of-Day Dictates Transcriptional Inflammatory Responses to Cytotoxic Chemotherapy. <i>Scientific Reports</i> , 2017, 7, 41220.  | 1.6 | 22        |
| 56 | Reciprocal Regulation of Circadian Rhythms and Immune Function. <i>Current Sleep Medicine Reports</i> , 2017, 3, 93-103.  | 0.7 | 2         |
| 57 | Depressive-like behavior is elevated among offspring of parents exposed to dim light at night prior to mating. <i>Psychoneuroendocrinology</i> , 2017, 83, 182-186.   | 1.3 | 17        |
| 58 | Parental Exposure to Dim Light at Night Prior to Mating Alters Offspring Adaptive Immunity. <i>Scientific Reports</i> , 2017, 7, 45497.   | 1.6 | 20        |
| 59 | Health consequences of electric lighting practices in the modern world: A report on the National Toxicology Program's workshop on shift work at night, artificial light at night, and circadian disruption. <i>Science of the Total Environment</i> , 2017, 607-608, 1073-1084. | 3.9 | 266       |
| 60 | Enduring effects of perinatal nicotine exposure on murine sleep in adulthood. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017, 313, R280-R289.   | 0.9 | 6         |
| 61 | Medical hypothesis: Light at night is a factor worth considering in critical care units. <i>Advances in Integrative Medicine</i> , 2017, 4, 115-120.  | 0.4 | 6         |
| 62 | Performance of Landscape Roses Grown with Minimal Input in the North-central, Central, and South-central United States. <i>HortTechnology</i> , 2017, 27, 718-730.  | 0.5 | 8         |
| 63 | Effects of Dim Light at Night on Food Intake and Body Mass in Developing Mice. <i>Frontiers in Neuroscience</i> , 2017, 11, 294.  | 1.4 | 26        |
| 64 | Hormones and the Development and Expression of Aggressive Behavior. , 2017, , 145-173.  |     | 2         |
| 65 | Mammalian Seasonal Rhythms: Behavior and Neuroendocrine Substrates. , 2017, , 371-398.  |     | 24        |
| 66 | Abstract 4754: Fractionated whole brain radiation-induced behavioral changes in athymic nude mice is associated with sustained neuroinflammation and microglial M1-phenotype. , 2017, , .   |     | 0         |
| 67 | Consequences of circadian dysregulation on metabolism. <i>ChronoPhysiology and Therapy</i> , 2016, Volume 6, 55-63.   | 0.5 | 8         |
| 68 | Behavioral abnormalities in mice lacking mesenchyme-specific Pten. <i>Behavioural Brain Research</i> , 2016, 304, 80-85.  | 1.2 | 4         |
| 69 | Dim light at night prior to adolescence increases adult anxiety-like behaviors. <i>Chronobiology International</i> , 2016, 33, 1473-1480.   | 0.9 | 22        |
| 70 | miR-155 Deletion in Female Mice Prevents Diet-Induced Obesity. <i>Scientific Reports</i> , 2016, 6, 22862.  | 1.6 | 83        |
| 71 | MicroRNA-155 deletion reduces anxiety- and depressive-like behaviors in mice. <i>Psychoneuroendocrinology</i> , 2016, 63, 362-369.  | 1.3 | 50        |
| 72 | Light at night, clocks and health: from humans to wild organisms. <i>Biology Letters</i> , 2016, 12, 20160015.  | 1.0 | 129       |

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|----|--|-----|-----------|
| 73 | Effects of light exposure at night during development. <i>Current Opinion in Behavioral Sciences</i> , 2016, 7, 33-39.   | 2.0 | 26        |
| 74 | Endocrine Effects of Circadian Disruption. <i>Annual Review of Physiology</i> , 2016, 78, 109-131.   | 5.6 | 103       |
| 75 | Photoperiodic Regulation of Cerebral Blood Flow in White-Footed Mice ( <i>Peromyscus leucopus</i> ). <i>ENeuro</i> , 2016, 3, ENEURO.0058-16.2016.   | 0.9 | 2         |
| 76 | Cyclin A2 promotes DNA repair in the brain during both development and aging. <i>Aging</i> , 2016, 8, 1540-1570.   | 1.4 | 12        |
| 77 | Disrupted seasonal biology impacts health, food security and ecosystems. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2015, 282, 20151453.   | 1.2 | 130       |
| 78 | Influence of gonadal hormones on the behavioral effects of intermittent hypoxia in mice. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 308, R489-R499.                       | 0.9 | 8         |
| 79 | Brains in the city: Neurobiological effects of urbanization. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 58, 107-122.  | 2.9 | 97        |
| 80 | Dim light at night increases body mass of female mice. <i>Chronobiology International</i> , 2015, 32, 557-560.   | 0.9 | 37        |
| 81 | Combined effects of exposure to dim light at night and fine particulate matter on C3H/HeNHsd mice. <i>Behavioural Brain Research</i> , 2015, 294, 81-88.   | 1.2 | 39        |
| 82 | Cytotoxic chemotherapy increases sleep and sleep fragmentation in non-tumor-bearing mice. <i>Brain, Behavior, and Immunity</i> , 2015, 47, 218-227.  | 2.0 | 20        |
| 83 | Neuroendocrine control of photoperiodic changes in immune function. <i>Frontiers in Neuroendocrinology</i> , 2015, 37, 108-118.  | 2.5 | 43        |
| 84 | Acute melatonin treatment alters dendritic morphology and circadian clock gene expression in the hippocampus of Siberian Hamsters. <i>Hippocampus</i> , 2015, 25, 142-148.   | 0.9 | 24        |
| 85 | Chronic Physical Stress Does Not Interact with Epstein-Barr Virus (EBV)-Encoded DUTPase to Alter the Sickness Response. <i>Journal of Behavioral and Brain Science</i> , 2015, 05, 513-523.                                      | 0.2 | 4         |
| 86 | Central IKK $\beta$ inhibition prevents air pollution mediated peripheral inflammation and exaggeration of type II diabetes. <i>Particle and Fibre Toxicology</i> , 2014, 11, 53.  | 2.8 | 78        |
| 87 | Introduction to the special issue on circadian rhythms in behavioral neuroscience.. <i>Behavioral Neuroscience</i> , 2014, 128, 237-239.   | 0.6 | 7         |
| 88 | Dim light at night interferes with the development of the short-day phenotype and impairs cell-mediated immunity in Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Zoology</i> , 2014, 321, 450-456. | 1.2 | 19        |
| 89 | Timing of light pulses and photoperiod on the diurnal rhythm of hippocampal neuronal morphology of Siberian hamsters. <i>Neuroscience</i> , 2014, 270, 69-75.  | 1.1 | 10        |
| 90 | Epstein-Barr virus (EBV)-encoded dUTPase and chronic restraint induce impaired learning and memory and sickness responses. <i>Physiology and Behavior</i> , 2014, 137, 18-24.  | 1.0 | 9         |

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| 91  | Photoperiodic regulation of hippocampal neurogenesis in adult male white-footed mice ( <i>Peromyscus leucopus</i> ). <i>European Journal of Neuroscience</i> , 2014, 40, 2674-2679.  | 1.2 | 12        |
| 92  | Early sexual experience alters voluntary alcohol intake in adulthood. <i>Neuroscience Letters</i> , 2014, 563, 129-133.  | 1.0 | 0         |
| 93  | Melatonin treatment during early life interacts with restraint to alter neuronal morphology and provoke depressive-like responses. <i>Behavioural Brain Research</i> , 2014, 263, 90-97.   | 1.2 | 5         |
| 94  | Exercise attenuates the metabolic effects of dim light at night. <i>Physiology and Behavior</i> , 2014, 124, 33-36.  | 1.0 | 24        |
| 95  | Dim light at night disrupts the short-day response in Siberian hamsters. <i>General and Comparative Endocrinology</i> , 2014, 197, 56-64.  | 0.8 | 46        |
| 96  | Acute dim light at night increases body mass, alters metabolism, and shifts core body temperature circadian rhythms. <i>Chronobiology International</i> , 2014, 31, 917-925.   | 0.9 | 67        |
| 97  | The Effects of Light at Night on Circadian Clocks and Metabolism. <i>Endocrine Reviews</i> , 2014, 35, 648-670.  | 8.9 | 333       |
| 98  | Exposure to dim light at night during early development increases adult anxiety-like responses. <i>Physiology and Behavior</i> , 2014, 133, 99-106.  | 1.0 | 59        |
| 99  | Restraint Induces Sickness Responses Independent of Injection with Epstein-Barr Virus (EBV)-Encoded dUTPase. <i>Journal of Behavioral and Brain Science</i> , 2014, 04, 491-505.   | 0.2 | 3         |
| 100 | Chronic dim light at night provokes reversible depression-like phenotype: possible role for TNF. <i>Molecular Psychiatry</i> , 2013, 18, 930-936.  | 4.1 | 85        |
| 101 | Nocturnal Light Exposure Impairs Affective Responses in a Wavelength-Dependent Manner. <i>Journal of Neuroscience</i> , 2013, 33, 13081-13087.   | 1.7 | 75        |
| 102 | Dim light at night increases depressive-like responses in male C3H/HeNHsd mice. <i>Behavioural Brain Research</i> , 2013, 243, 74-78.  | 1.2 | 80        |
| 103 | Reintroducing domesticated wild mice to sociality induces adaptive transgenerational effects on MUP expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 19848-19853. | 3.3 | 47        |
| 104 | Neuronal nitric oxide synthase and NADPH oxidase interact to affect cognitive, affective, and social behaviors in mice. <i>Behavioural Brain Research</i> , 2013, 256, 320-327.  | 1.2 | 31        |
| 105 | Dim Light at Night Exaggerates Weight Gain and Inflammation Associated With a High-Fat Diet in Male Mice. <i>Endocrinology</i> , 2013, 154, 3817-3825.   | 1.4 | 96        |
| 106 | Sexual experience and testosterone during adolescence alter adult neuronal morphology and behavior. <i>Hormones and Behavior</i> , 2013, 64, 454-460.  | 1.0 | 6         |
| 107 | Mice exposed to dim light at night exaggerate inflammatory responses to lipopolysaccharide. <i>Brain, Behavior, and Immunity</i> , 2013, 34, 159-163.  | 2.0 | 86        |
| 108 | Sundowning syndrome in aging and dementia: Research in mouse models. <i>Experimental Neurology</i> , 2013, 243, 67-73.   | 2.0 | 43        |

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|-----|--|-----|-----------|
| 109 | Evidence for feedback control of pineal melatonin secretion. <i>Neuroscience Letters</i> , 2013, 542, 123-125.   | 1.0 | 28        |
| 110 | Artificial light at night alters delayed-type hypersensitivity reaction in response to acute stress in Siberian hamsters. <i>Brain, Behavior, and Immunity</i> , 2013, 34, 39-42.  | 2.0 | 20        |
| 111 | Exogenous melatonin reproduces the effects of short day lengths on hippocampal function in male white-footed mice, <i>Peromyscus leucopus</i> . <i>Neuroscience</i> , 2013, 248, 403-413.  | 1.1 | 15        |
| 112 | Influence of the modern light environment on mood. <i>Molecular Psychiatry</i> , 2013, 18, 751-757.  | 4.1 | 129       |
| 113 | Photoperiod affects the diurnal rhythm of hippocampal neuronal morphology of siberian hamsters. <i>Chronobiology International</i> , 2013, 30, 1089-1100.  | 0.9 | 23        |
| 114 | Dim Light at Night Does Not Disrupt Timing or Quality of Sleep in Mice. <i>Chronobiology International</i> , 2013, 30, 1016-1023.  | 0.9 | 43        |
| 115 | Nitric Oxide and Serotonin Interactions in Aggression. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 17, 131-142.  | 0.8 | 12        |
| 116 | Dim light at night interacts with intermittent hypoxia to alter cognitive and affective responses. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R78-R86.                             | 0.9 | 19        |
| 117 | Sleep deprivation attenuates endotoxin-induced cytokine gene expression independent of day length and circulating cortisol in male Siberian hamsters ( <i>Phodopus sungorus</i> ). <i>Journal of Experimental Biology</i> , 2013, 216, 2581-6. | 0.8 | 16        |
| 118 | Light at Night Alters Daily Patterns of Cortisol and Clock Proteins in Female Siberian Hamsters. <i>Journal of Neuroendocrinology</i> , 2013, 25, 590-596.   | 1.2 | 75        |
| 119 | Dim Light at Night Disrupts Molecular Circadian Rhythms and Increases Body Weight. <i>Journal of Biological Rhythms</i> , 2013, 28, 262-271.   | 1.4 | 219       |
| 120 | Policy decisions on endocrine disruptors should be based on science across disciplines. <i>Endocrine Disruptors (Austin, Tex)</i> , 2013, 1, e26644.   | 1.1 | 1         |
| 121 | Chronic citalopram treatment ameliorates depressive behavior associated with light at night.. <i>Behavioral Neuroscience</i> , 2012, 126, 654-658.   | 0.6 | 15        |
| 122 | Photoperiod Alters Duration and Intensity of Non-REM Rapid Eye Movement Sleep Following Immune Challenge in Siberian Hamsters ( <i>Phodopus sungorus</i> ). <i>Chronobiology International</i> , 2012, 29, 683-692.                            | 0.9 | 8         |
| 123 | Dim Nighttime Light Impairs Cognition and Provokes Depressive-Like Responses in a Diurnal Rodent. <i>Journal of Biological Rhythms</i> , 2012, 27, 319-327.  | 1.4 | 156       |
| 124 | Seasonal Rhythms in Psychoneuroimmunology. , 2012, , .   |     | 0         |
| 125 | JNK3 Perpetuates Metabolic Stress Induced by $\text{A}\beta^2$ Peptides. <i>Neuron</i> , 2012, 75, 824-837.  | 3.8 | 197       |
| 126 | Pro: Alzheimer's disease and circadian dysfunction: chicken or egg?. <i>Alzheimer's Research and Therapy</i> , 2012, 4, 25.  | 3.0 | 24        |



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|-----|---|-----|-----------|
| 127 | Dim Light at Night Increases Immune Function in Nile Grass Rats, a Diurnal Rodent. <i>Chronobiology International</i> , 2012, 29, 26-34.  | 0.9 | 40        |
| 128 | Photoperiod and stress regulation of corticosteroid receptor, brain-derived neurotrophic factor, and glucose transporter GLUT3 mRNA in the hippocampus of male Siberian hamsters (Phodopus Tj ETQq0 0 0 rgBTLkOverlock710 Tf 50 6 | 1.0 | 17        |
| 129 | Photoperiod-dependent effects of neuronal nitric oxide synthase inhibition on aggression in Siberian hamsters. <i>Hormones and Behavior</i> , 2012, 61, 176-180.  | 1.0 | 18        |
| 130 | Inflammation: Mechanisms, Costs, and Natural Variation. <i>Annual Review of Ecology, Evolution, and Systematics</i> , 2012, 43, 385-406.  | 3.8 | 271       |
| 131 | Short photoperiods attenuate central responses to an inflammogen. <i>Brain, Behavior, and Immunity</i> , 2012, 26, 617-622.   | 2.0 | 10        |
| 132 | Photoperiod alters fear responses and basolateral amygdala neuronal spine density in white-footed mice ( <i>Peromyscus leucopus</i> ). <i>Behavioural Brain Research</i> , 2012, 233, 345-350.                                    | 1.2 | 15        |
| 133 | Sex-Dependent Behavioral Functions of the Purkinje Cell-Specific G $\hat{i}$ /o Binding Protein, Pcp2(L7). <i>Cerebellum</i> , 2012, 11, 982-1001.  | 1.4 | 10        |
| 134 | Neuroendocrinology of Aggression. , 2012, , 509-520.  |     | 6         |
| 135 | Photoperiod Mediated Changes in Olfactory Bulb Neurogenesis and Olfactory Behavior in Male White-Footed Mice ( <i>Peromyscus leucopus</i> ). <i>PLoS ONE</i> , 2012, 7, e42743.   | 1.1 | 14        |
| 136 | $\hat{I}^2$ -Adrenergic Receptor Antagonism Prevents Anxiety-Like Behavior and Microglial Reactivity Induced by Repeated Social Defeat. <i>Journal of Neuroscience</i> , 2011, 31, 6277-6288.                                     | 1.7 | 560       |
| 137 | Dietary arginine depletion reduces depressive-like responses in male, but not female, mice. <i>Behavioural Brain Research</i> , 2011, 223, 81-87.   | 1.2 | 8         |
| 138 | Short photoperiods alter cannabinoid receptor expression in hypothalamic nuclei related to energy balance. <i>Neuroscience Letters</i> , 2011, 491, 99-103.   | 1.0 | 2         |
| 139 | Short day lengths alter stress and depressive-like responses, and hippocampal morphology in Siberian hamsters. <i>Hormones and Behavior</i> , 2011, 60, 520-528.  | 1.0 | 45        |
| 140 | Photoperiod-mediated impairment of long-term potentiation and learning and memory in male white-footed mice. <i>Neuroscience</i> , 2011, 175, 127-132.  | 1.1 | 39        |
| 141 | lluminating the deleterious effects of light at night. <i>F1000 Medicine Reports</i> , 2011, 3, 18.   | 2.9 | 57        |
| 142 | Sustained melatonin treatment blocks body mass, pelage, reproductive, and fever responses to short day lengths in female Siberian hamsters. <i>Journal of Pineal Research</i> , 2011, 51, 180-186.                                | 3.4 | 7         |
| 143 | Dim light at night provokes depression-like behaviors and reduces CA1 dendritic spine density in female hamsters. <i>Psychoneuroendocrinology</i> , 2011, 36, 1062-1069.  | 1.3 | 135       |
| 144 | Post-weaning environmental enrichment alters affective responses and interacts with behavioral testing to alter nNOS immunoreactivity. <i>Pharmacology Biochemistry and Behavior</i> , 2011, 100, 25-32.                          | 1.3 | 43        |

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|-----|---|-----|-----------|
| 145 | Influence of photoperiod on hormones, behavior, and immune function. <i>Frontiers in Neuroendocrinology</i> , 2011, 32, 303-319.  | 2.5 | 155       |
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