Noga Kronfeld-Schor

List of Publications by Year
in descending order

103 papers	4,830 citations	101543 36 h-index	106344 65 g-index
106 all docs	106 docs citations	106 times ranked	4956 citing authors

#	Article	IF	Citations
1	Sex differences in the response to circadian disruption in diurnal sand rats. Chronobiology International, 2022, 39, 169-185.	2.0	6
2	Effects of photoperiod and diet on BDNF daily rhythms in diurnal sand rats. Behavioural Brain Research, 2022, 418, 113666.	2.2	5
3	Changes in sleep patterns of college students in Israel during COVID-19 lockdown, a sleep diaries study. Sleep and Biological Rhythms, 2022, 20, 309-314.	1.0	6
4	Beneficial effects of voluntary wheel running on activity rhythms, metabolic state, and affect in a diurnal model of circadian disruption. Scientific Reports, 2022, 12, 2434.	3.3	5
5	Day and night: A comment on â€œNeurobiological and behavioral mechanisms of circadian rhythm disruption in bipolar disorder: A critical multiâ€disciplinary literature review and agenda for future research from the ISBD task force on chronobiologyâ€. Bipolar Disorders, 2022, 24, 211-212.	1.9	0
6	Conserved ecophysiology despite disparate microclimatic conditions in a gecko. Journal of Experimental Zoology Part A: Ecological and Integrative Physiology, 2022, 337, 316-328.	1.9	4
7	The circadian syndrome predicts cardiovascular disease better than metabolic syndrome in Chinese adults. Journal of Internal Medicine, 2021, 289, 851-860.	6.0	28
8	Drivers of Infectious Disease Seasonality: Potential Implications for COVID-19. Journal of Biological Rhythms, 2021, 36, 35-54.	2.6	45
9	Circadian disruption by short light exposure and a high energy diet impairs glucose tolerance and increases cardiac fibrosis in Psammomys obesus. Scientific Reports, 2021, 11, 9673.	3.3	10
10	Differential response of diurnal and nocturnal mammals to prolonged altered light-dark cycle: a possible role of mood associated endocrine, inflammatory and antioxidant system. Chronobiology International, 2021, 38, 1618-1630.	2.0	9
11	Differential effects of COVID-19 lockdowns on well-being: interaction between age, gender and chronotype. Journal of the Royal Society Interface, 2021, 18, 20210078.	3.4	17
12	Skin exposure to UVB light induces a skin-brain-gonad axis and sexual behavior. Cell Reports, 2021, 36, 109579.	6.4	19
13	P.0518 Effects of COVID-19 lockdowns on well-being in subgroups of the population. European Neuropsychopharmacology, 2021, 53, S382-S383.	0.7	0
14	Wheel-running activity rhythms and masking responses in the diurnal palm squirrel, Funambulus pennantii. Chronobiology International, 2020, 37, 1693-1708.	2.0	8
15	P.071 Circadian disturbances result in somatic and mental pathologies in a diurnal model animal, interactions with melatonin and sex. European Neuropsychopharmacology, 2020, 40, S47.	0.7	0
16	Beneficial effects of daytime high-intensity light exposure on daily rhythms, metabolic state and affect. Scientific Reports, 2020, 10, 19782.	3.3	19
17	A rather dry subject; investigating the study of arid-associated microbial communities. Environmental Microbiomes, 2020, 15, 20.	5.0	15
18	Linking type 2 diabetes mellitus, cardiac hypertrophy and depression in a diurnal animal model. Scientific Reports, 2019, 9, 11865.	3.3	13

#	Article	IF	Citations
19	Artificial Light at Night Promotes Activity Throughout the Night in Nesting Common Swifts (Apus) Tj ETQq1 1 0.784314 rgBT /Overlock	3.3	31
20	The Circadian Syndrome: is the Metabolic Syndrome and much more!. Journal of Internal Medicine, 2019, 286, 181-191.	6.0	172
21	Red white and blue â€“ bright light effects in a diurnal rodent model for seasonal affective disorder. Chronobiology International, 2019, 36, 919-926.	2.0	14
22	High-Energy Diet and Shorter Light Exposure Drives Markers of Adipocyte Dysfunction in Visceral and Subcutaneous Adipose Depots of Psammomys obesus. International Journal of Molecular Sciences, 2019, 20, 6291.	4.1	9
23	Diurnality, Type 2 Diabetes, and Depressive-Like Behavior. Journal of Biological Rhythms, 2019, 34, 69-83.	2.6	21
24	Time and ecological resilience: can diurnal animals compensate for climate change by shifting to nocturnal activity?. Ecological Monographs, 2019, 89, e01334.	5.4	79
25	Optimal foraging and physiological responses to the risk of predation: how fecal cortisol concentrations from trapped Allenbyâ€™s gerbil (Gerbillus andersoni allenbyi) relate to foraging under the risk of predation. Israel Journal of Ecology and Evolution, 2019, 65, 28-36.	0.6	5
26	Fitness effects of interspecific competition between two species of desert rodents. Zoology, 2018, 128, 62-68.	1.2	3
27	Flood-induced multiday torpor in golden spiny mice (Acomys russatus). Australian Journal of Zoology, 2018, 66, 401.	1.0	14
28	The transition from day-to-night activity is a risk factor for the development of CNS oxygen toxicity in the diurnal fat sand rat (Psammomys obesus). Chronobiology International, 2017, 34, 578-586.	2.0	3
29	Chronobiology of interspecific interactions in a changing world. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160248.	4.0	69
30	Two sides of a coin: ecological and chronobiological perspectives of timing in the wild. Philosophical Transactions of the Royal Society B: Biological Sciences, 2017, 372, 20160246.	4.0	124
31	Utilization of Diurnal Rodents in the Research of Depression. Drug Development Research, 2016, 77, 336-345.	2.9	28
32	Foraging Activity Pattern Is Shaped by Water Loss Rates in a Diurnal Desert Rodent. American Naturalist, 2016, 188, 205-218.	2.1	42
33	Time budget, oxygen consumption and body mass responses to parasites in juvenile and adult wild rodents. Parasites and Vectors, 2016, 9, 120.	2.5	9
34	Differential effects of photoperiod length on depression- and anxiety-like behavior in female and male diurnal spiny mice. Physiology and Behavior, 2016, 165, 1-6.	2.1	20
35	Disrupted seasonal biology impacts health, food security and ecosystems. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20151453.	2.6	130
36	Subtropical mouse-tailed bats use geothermally heated caves for winter hibernation. Proceedings of the Royal Society B: Biological Sciences, 2015, 282, 20142781.	2.6	30

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37	Voluntary exercise enhances activity rhythms and ameliorates anxiety- and depression-like behaviors in the sand rat model of circadian rhythm-related mood changes. Physiology and Behavior, 2015, 151, 441-447.	2.1	28
38	Diurnal rodents as an advantageous model for affective disorders: novel data from diurnal degu (Octodon degus). Journal of Neural Transmission, 2015, 122, 35-45.	2.8	32
39	Conservation physiology. Temperature, 2014, 1, 94-95.	3.0	3
40	Natural history, physiology and energetic strategies of Asellia tridens (Chiroptera). Mammalian Biology, 2013, 78, 94-103.	1.5	18
41	Thermal Ecology, Environments, Communities, and Global Change: Energy Intake and Expenditure in Endotherms. Annual Review of Ecology, Evolution, and Systematics, 2013, 44, 461-480.	8.3	42
42	Chronobiology by moonlight. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20123088.	2.6	140
43	Changes in diet, body mass and fatty acid composition during pre-hibernation in a subtropical bat in relation to NPY and AgRP expression. Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology, 2013, 183, 157-166.	1.5	37
44	Activity Rhythms and Masking Response in the Diurnal Fat Sand Rat Under Laboratory Conditions. Chronobiology International, 2013, 30, 1123-1134.	2.0	34
45	Genetic Diversity of the Eurasian Otter (Lutra lutra) Population in Israel. Journal of Heredity, 2013, 104, 192-201.	2.4	5
46	Effects of circadian phase and melatonin injection on anxiety-like behavior in nocturnal and diurnal rodents. Chronobiology International, 2013, 30, 828-836.	2.0	36
47	Animal clocks: when science meets nature. Proceedings of the Royal Society B: Biological Sciences, 2013, 280, 20131354.	2.6	68
48	Selective Leptin Insensitivity and Alterations in Female-Reproductive Patterns Linked to Hyperleptinemia during Infancy. PLoS ONE, 2013, 8, e59937.	2.5	3
49	Foraging sequence, energy intake and torpor: an individualâ€based field study of energy balancing in desert golden spiny mice. Ecology Letters, 2012, 15, 1240-1248.	6.4	21
50	Effects of morning compared with evening bright light administration to ameliorate short-photoperiod induced depression- and anxiety-like behaviors in a diurnal rodent model. Journal of Neural Transmission, 2012, 119, 1241-1248.	2.8	24
51	Biophysical Modeling of the Temporal Niche: From First Principles to the Evolution of Activity Patterns. American Naturalist, 2012, 179, 794-804.	2.1	33
52	Circadian rhythms and depression: Human psychopathology and animal models. Neuropharmacology, 2012, 62, 101-114.	4.1	140
53	In search of a temporal niche. Progress in Brain Research, 2012, 199, 281-304.	1.4	166
54	Light Masking in the Field: An Experiment with Nocturnal and Diurnal Spiny Mice Under Semi-natural Field Conditions. Chronobiology International, 2011, 28, 70-75.	2.0	25

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55	Effect of artificial night lighting on temporally partitioned spiny mice. Journal of Mammalogy, 2011, 92, 159-168.	1.3	73
56	Adaptive Thermoregulation in Golden Spiny Mice: The Influence of Season and Food Availability on Body Temperature. Physiological and Biochemical Zoology, 2011, 84, 175-184.	1.5	44
57	The Effect of the Lunar Cycle on Fecal Cortisol Metabolite Levels and Foraging Ecology of Nocturnally and Diurnally Active Spiny Mice. PLoS ONE, 2011, 6, e23446.	2.5	25
58	Inconsistent effects of photoperiod manipulations in tests for affective-like changes in mice. Behavioural Pharmacology, 2011, 22, 23-30.	1.7	21
59	Spontaneous caloric restriction associated with increased leptin levels in obesity-resistant Î±MUPA mice. International Journal of Obesity, 2011, 35, 226-235.	3.4	19
60	Interspecific Competition and Torpor in Golden Spiny Mice: Two Sides of the Energy-Acquisition Coin. Integrative and Comparative Biology, 2011, 51, 441-448.	2.0	29
61	Antidepressants Reverse Short-Photoperiod-Induced, Forced Swim Test Depression-Like Behavior in the Diurnal Fat Sand Rat: Further Support for the Utilization of Diurnal Rodents for Modeling Affective Disorders. Neuropsychobiology, 2011, 63, 191-196.	1.9	40
62	Masking and Temporal Niche Switches in Spiny Mice. Journal of Biological Rhythms, 2010, 25, 47-52.	2.6	43
63	It is darkness and not light: Depression-like behaviors of diurnal unstriped Nile grass rats maintained under a short photoperiod schedule. Journal of Neuroscience Methods, 2010, 186, 165-170.	2.5	64
64	SIRT6 protects against pathological damage caused by dietâ€induced obesity. Aging Cell, 2010, 9, 162-173.	6.7	262
65	The Substructure of the Suprachiasmatic Nucleus: Similarities between Nocturnal and Diurnal Spiny Mice. Brain, Behavior and Evolution, 2010, 75, 9-22.	1.7	28
66	Models of mania: from facets to domains and from animal models to model animals. Journal of Psychopharmacology, 2010, 24, 437-438.	4.0	22
67	On otter spraints, the advancement of science, and analogies: A reply to Calzada et al.. Ecological Indicators, 2010, 10, 562-563.	6.3	1
68	S.17.02 Translating molecular circadian findings into animal behaviour. European Neuropsychopharmacology, 2010, 20, S188.	0.7	0
69	We are in the dark here: induction of depression- and anxiety-like behaviours in the diurnal fat sand rat, by short daylight or melatonin injections. International Journal of Neuropsychopharmacology, 2009, 12, 83.	2.1	68
70	Chronic MCH infusion causes a decrease in energy expenditure and body temperature, and an increase in serum IGF-1 levels in mice. Endocrine, 2009, 36, 479-485.	2.3	23
71	Effect of guard dogs on the behavior and reproduction of gazelles in cattle enclosures on the Golan Heights. Animal Conservation, 2009, 12, 155-162.	2.9	35
72	Effects of bright light treatment on depression- and anxiety-like behaviors of diurnal rodents maintained on a short daylight schedule. Behavioural Brain Research, 2009, 201, 343-346.	2.2	60

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73	Arthropods as a prey resource: Patterns of diel, seasonal, and spatial availability. Journal of Arid Environments, 2009, 73, 458-462.	2.4	23
74	Plasticity of Circadian Activity and Body Temperature Rhythms in Golden Spiny Mice. Chronobiology International, 2009, 26, 430-446.	2.0	34
75	Using videotaping to validate the use of spraints as an index of Eurasian otter (Lutra lutra) activity. Ecological Indicators, 2008, 8, 462-465.	6.3	24
76	Activity patterns of rodents: the physiological ecology of biological rhythms. Biological Rhythm Research, 2008, 39, 193-211.	0.9	65
77	Effect of food availability and leptin on the physiology and hypothalamic gene expression of the golden spiny mouse: a desert rodent that does not hoard food. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2008, 295, R2015-R2023.	1.8	10
78	Two strategies for coping with food shortage in desert golden spiny mice. Physiology and Behavior, 2007, 90, 95-102.	2.1	64
79	The Relationship between the Golden Spiny Mouse Circadian System and Its Diurnal Activity: An Experimental Field Enclosures and Laboratory Study. Chronobiology International, 2007, 24, 599-613.	2.0	73
80	Sand rats see the light: Short photoperiod induces a depression-like response in a diurnal rodent. Behavioural Brain Research, 2006, 173, 153-157.	2.2	102
81	Effect of intrauterine injection of casein on fetal survival in rat: a new pharmacological approach for contraception. Contraception, 2006, 73, 641-644.	1.5	1
82	Individual variability and photic entrainment of circadian rhythms in golden spiny mice. Physiology and Behavior, 2006, 87, 563-574.	2.1	64
83	Human Decidua-associated Protein 200 Neutralizes the Detrimental Effect of Serum Containing Antiphospholipid Antibodies on Fetal Survival in the Rat. American Journal of Reproductive Immunology, 2006, 55, 246-250.	1.2	1
84	Monitoring of natural and synthetic hormones in a polluted river. Journal of Environmental Management, 2006, 78, 16-23.	7.8	109
85	On the role of phylogeny in determining activity patterns of rodents. Evolutionary Ecology, 2006, 20, 479-490.	1.2	108
86	CAN AGGRESSION BE THE FORCE DRIVING TEMPORAL SEPARATION BETWEEN COMPETING COMMON AND GOLDEN SPINY MICE?. Journal of Mammalogy, 2006, 87, 48-53.	1.3	15
87	Melanin-concentrating hormone stimulates human growth hormone secretion: a novel effect of MCH on the hypothalamic-pituitary axis. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E982-E988.	3.5	19
88	Defending body mass during food restriction in Acomys russatus: a desert rodent that does not store food. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2006, 290, R881-R891.	1.8	45
89	TEMPORAL AND SPATIAL INFLUENCES ON ROAD MORTALITY IN OTTERS: CONSERVATION IMPLICATIONS. Israel Journal of Zoology, 2005, 51, 199-207.	0.2	9
90	Partitioning of Time as an Ecological Resource. Annual Review of Ecology, Evolution, and Systematics, 2003, 34, 153-181.	8.3	697

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91	On the Use of the Time Axis for Ecological Separation: Diel Rhythms as an Evolutionary Constraint. American Naturalist, 2001, 158, 451-457.	2.1	82
92	Temporal partitioning among diurnally and nocturnally active desert spiny mice: energy and water turnover costs. Journal of Thermal Biology, 2001, 26, 139-142.	2.5	36
93	Hyperleptinemia in Pregnant Bats Is Characterized by Increased Placental Leptin Secretion In Vitro. Endocrine, 2001, 14, 225-234.	2.2	12
94	RETINAL STRUCTURE AND FORAGING MICROHABITAT USE OF THE GOLDEN SPINY MOUSE (<i>ACOMYS) Tj ETQq0 0 0 rgBT /Overlock 1	1.3	28
95	Dissociation of leptin secretion and adiposity during prehibernatory fattening in little brown bats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R1277-R1281.	1.8	96
96	Seasonal Thermogenic Acclimation of Diurnally and Nocturnally Active Desert Spiny Mice. Physiological and Biochemical Zoology, 2000, 73, 37-44.	1.5	91
97	Steroid-Dependent Up-Regulation of Adipose Leptin Secretion In Vitro During Pregnancy in Mice1. Biology of Reproduction, 2000, 63, 274-280.	2.7	44
98	POPULATION BIOLOGY AND SPATIAL RELATIONSHIPS OF COEXISTING SPINY MICE (ACOMYS) IN ISRAEL. Journal of Mammalogy, 2000, 81, 1046-1052.	1.3	48
99	Ecological and histological aspects of tail loss in spiny mice (Rodentia: Muridae, Acomys) with a review of its occurrence in rodents. Journal of Zoology, 1999, 249, 187-193.	1.7	58
100	The dietary basis for temporal partitioning: food habits of coexisting Acomys species. Oecologia, 1999, 121, 123-128.	2.0	99
101	A New Method of Determining Diets of Rodents. Journal of Mammalogy, 1998, 79, 1198-1202.	1.3	15
102	Adaptation to Life in the Desert in the Brown Hare (Lepus capensis). Journal of Mammalogy, 1996, 77, 171-178.	1.3	25
103	Skin Mediates the Aphrodisiac Effect of UVB Light Via a Skin-Brain-Gonad Axis. SSRN Electronic Journal, 0, , .	0.4	0