

Atanu Pati

List of Publications by Year in descending order

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88
papers

793
citations

623734

14
h-index

642732

23
g-index

89
all docs

89
docs citations

89
times ranked

761
citing authors

#	ARTICLE	IF	CITATIONS
1	To which world regions does the valence“dominance model of social perception apply?. <i>Nature Human Behaviour</i> , 2021, 5, 159-169.	12.0	85
2	Alterations of the Characteristics of the Circadian Rest“Activity Rhythm of Cancer In“Patients. <i>Chronobiology International</i> , 2007, 24, 1179-1197.	2.0	62
3	Chronomics*“: circadian and circaseptan timing of radiotherapy, drugs, calories, perhaps nutraceuticals and beyond. <i>Journal of Experimental Therapeutics and Oncology</i> , 2003, 3, 223-260.	0.5	44
4	Circannual rhythm in natural killer activity and mitogen responsiveness of murine splenocytes. <i>Cellular Immunology</i> , 1987, 108, 227-234.	3.0	38
5	Time estimation circadian rhythm in shift workers and diurnally active humans. <i>Journal of Biosciences</i> , 1994, 19, 325-330.	1.1	27
6	2.45 GHz (CW) MICROWAVE IRRADIATION ALTERS CIRCADIAN ORGANIZATION, SPATIAL MEMORY, DNA STRUCTURE IN THE BRAIN CELLS AND BLOOD CELL COUNTS OF MALE MICE, <i>MUS MUSCULUS</i> . <i>Progress in Electromagnetics Research B</i> , 2011, 29, 23-42.	1.0	27
7	Meal Scheduling Modulation of Circadian Rhythm of Phototactic Behaviour in Cave Dwelling Fish. <i>Chronobiology International</i> , 1989, 6, 245-249.	2.0	26
8	Morningness“Eveningness preference in Indian school students as function of gender, age and habitat. <i>Biological Rhythm Research</i> , 2007, 38, 1-8.	0.9	25
9	Animal Welfare Attitudes: Effects of Gender and Diet in University Samples from 22 Countries. <i>Animals</i> , 2021, 11, 1893.	2.3	22
10	Thyroid and gonad in the oxidative metabolism, erythropoiesis, and light response of the migratory redheaded bunting, <i>Emberiza bruniceps</i> . <i>General and Comparative Endocrinology</i> , 1983, 51, 444-453.	1.8	20
11	Use of social networking sites (SNSs) and its repercussions on sleep quality, psychosocial behavior, academic performance and circadian rhythm of humans “ a brief review. <i>Biological Rhythm Research</i> , 2021, 52, 1139-1178.	0.9	18
12	Temporal Organization in Locomotor Activity of the Hypogean Loach, <i>Nemacheilus Evezardi</i> , and its Epigean Ancestor. <i>Environmental Biology of Fishes</i> , 2001, 62, 119-129.	1.0	17
13	Daily and Seasonal Rhythms in Immune Responses of Splenocytes in the Freshwater Snake, <i>Natrix piscator</i> . <i>PLoS ONE</i> , 2015, 10, e0116588.	2.5	16
14	Erythropoietin, testosterone, and thyroxine in the erythropoietic response of the snake, <i>Xenochrophis piscator</i> . <i>General and Comparative Endocrinology</i> , 1984, 53, 370-374.	1.8	15
15	Hospitalization-induced exacerbation of the ill effects of chemotherapy on rest-activity rhythm and quality of life of breast cancer patients: a prospective and comparative cross-sectional follow-up study. <i>Chronobiology International</i> , 2018, 35, 1513-1532.	2.0	15
16	The role of erythropoietin, testosterone, and l-thyroxine in the tissue oxygen consumption and erythropoiesis of spotted munia, <i>Lonchura punctulata</i> . <i>General and Comparative Endocrinology</i> , 1982, 48, 84-88.	1.8	14
17	Assessment of Anxiety Level and Mental Health Status in Spouses and Children of Day-Working and Shift-Working Men. <i>Biological Rhythm Research</i> , 2001, 32, 45-59.	0.9	12
18	Overestimation/underestimation of time: concept confusion hoodwink conclusion. <i>Biological Rhythm Research</i> , 2010, 41, 379-390.	0.9	12

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19	Attitudes Toward Animal Welfare Among Adolescents from Colombia, France, Germany, and India. <i>Anthrozoos</i> , 2021, 34, 359-374.	1.4	12
20	Thyroid, gonad, and photoperiod in the hemopoiesis of the migratory red-headed bunting, <i>Emberiza bruniceps</i> . <i>General and Comparative Endocrinology</i> , 1982, 46, 327-332.	1.8	11
21	Multi-frequency rhythms in activity of mixed human population in social networking sites – a preliminary study. <i>Biological Rhythm Research</i> , 2018, 49, 1-11.	0.9	11
22	Thyroid and gonadal hormones in feather regeneration of the redheaded bunting, <i>Emberiza bruniceps</i> . <i>The Journal of Experimental Zoology</i> , 1986, 238, 175-181.	1.4	10
23	Could Externally Desynchronized Circadian Rhythm Be Resynchronized in Shift Workers?. <i>Biological Rhythm Research</i> , 2000, 31, 160-176.	0.9	10
24	Variability in the characteristics of ultradian and circadian rhythms in plasma levels of growth hormone in the Indian walking catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 2009, 40, 211-221.	0.9	10
25	Circadian rhythm characteristics of salivary alpha-amylase – a potential stress marker, in breast cancer in- and out-patients: a follow-up study. <i>Biological Rhythm Research</i> , 2018, 49, 680-696.	0.9	10
26	Spatiotemporal variability in activity patterns of urban street cattle as function of environmental factors. <i>Chronobiology International</i> , 2019, 36, 1362-1372.	2.0	10
27	Influence of human urinary erythropoietin and l-thyroxine on blood morphology and energy reserves in two tropical species of fed and starved teleosts. <i>General and Comparative Endocrinology</i> , 1989, 76, 382-389.	1.8	9
28	The rhythmic organization of the immune network: implications for the chronopharmacologic delivery of interferons, interleukins and cyclosporin. <i>Advanced Drug Delivery Reviews</i> , 1992, 9, 85-112.	13.7	9
29	Circadian rhythms of locomotor activity in Indian walking catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 2009, 40, 201-209.	0.9	9
30	Effects of Simulated Hypo- and Hyper-reproductive Conditions on the Characteristics of Circadian Rhythm in Hypothalamic Concentration of Serotonin and Dopamine and in Plasma Levels of Thyroxine, Triiodothyronine, and Testosterone in Japanese Quail, <i>Coturnix coturnix japonica</i> . <i>Chronobiology International</i> , 2009, 26, 28-46.	2.0	9
31	Shortening of sleep length and delayed mid-sleep on free days are the characteristic features of predominantly morning active population of Indian teenagers. <i>Sleep and Biological Rhythms</i> , 2018, 16, 431-439.	1.0	9
32	Implications of the study of rest-activity circadian rhythm in head and neck cancer patients. <i>Biological Rhythm Research</i> , 2006, 37, 497-505.	0.9	8
33	Circadian variations in foraging and resting/standing activity patterns of stray street cattle of urban Sambalpur, Odisha, India. <i>Biological Rhythm Research</i> , 2020, 51, 1053-1065.	0.9	8
34	Comparison of distributions of morningness-eveningness among populations of shift workers on varied work patterns in different organizations. <i>Biological Rhythm Research</i> , 2012, 43, 235-248.	0.9	7
35	Do thyroid and testis modulate the effects of pineal and melatonin on haemopoietic variables in <i>Clarias batrachus</i> ?. <i>Journal of Biosciences</i> , 1996, 21, 797-808.	1.1	6
36	Pattern of shift rota modulates oral temperature circadian rhythm and sleep-wakefulness profiles in shift workers. <i>Journal of Biosciences</i> , 1997, 22, 477-488.	1.1	6

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37	Diurnal and Infradian Rhythms in Lipid Parameters of Indian Catfish, <i>Heteropneustes fossilis</i> . <i>Biological Rhythm Research</i> , 1999, 30, 371-382.	0.9	6
38	Comparative study of circadian variation in oral, tympanic, forehead, axillary and elbow pit temperatures measured in a cohort of young university students living their normal routines. <i>Biological Rhythm Research</i> , 2015, 46, 103-112.	0.9	6
39	Effects of radiation emanating from base transceiver station and mobile phone on sleep, circadian rhythm and cognition in humans – a review. <i>Biological Rhythm Research</i> , 2016, 47, 353-388.	0.9	6
40	Circadian clock, cell cycle, and breast cancer: an updated review. <i>Biological Rhythm Research</i> , 2017, 48, 353-369.	0.9	6
41	Impairment of peak expiratory flow rate in shift workers. <i>International Journal of Industrial Ergonomics</i> , 1996, 17, 431-435.	2.6	5
42	Opercular Activity and Temporal Organization of Surfacing Behaviour in Indian Catfishes, <i>Clarias batrachus</i> and <i>Heteropneustes fossilis</i> . <i>Biological Rhythm Research</i> , 1998, 29, 75-85.	0.9	5
43	Behavior and foraging ecology of cattle: A review. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2020, 40, 50-74.	1.2	5
44	Morningness-eveningness preference, sleep quality and behavioral sleep patterns in humans – a mini review. <i>Biological Rhythm Research</i> , 2021, 52, 549-584.	0.9	5
45	Temporal organization in locomotor activity of the hypogean loach, <i>Nemacheilus evezardi</i> , and its epigeal ancestor. <i>Developments in Environmental Biology of Fishes</i> , 2001, , 119-129.	0.2	5
46	Synchronization of infradian rhythms in eight physiological functions with the circannual rhythm of reproduction in female <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 1994, 25, 451-463.	0.9	4
47	Circadian and Ultradian Variations in the Plasma Level of Maturational Gonadotropin (GTH II) in the Indian Catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 2002, 33, 223-234.	0.9	4
48	Circadian Variation in Phototactic Behaviour of Walking Indian Catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 2004, 35, 367-375.	0.9	4
49	Rhythmic Behaviour of <i>W. Bancrofti</i> Microfilaraemia in Human Population at Raipur. <i>Biological Rhythm Research</i> , 2004, 35, 355-366.	0.9	4
50	Pheromones as time cues for circadian rhythms in fish. <i>Biological Rhythm Research</i> , 2015, 46, 659-669.	0.9	4
51	Repeated chemotherapy cycles produced progressively worse and enduring impairments in the sleep-wake profile of hospitalized breast cancer patients. <i>Biological Rhythm Research</i> , 2020, 51, 1166-1181.	0.9	4
52	Circadian rhythm in the pattern of online usage of Facebook messenger during the COVID-19-triggered lockdown: a sequel to the pre-pandemic study. <i>Biological Rhythm Research</i> , 2020, , 1-11.	0.9	4
53	Ultradian, circadian, and circaseptan rhythms in the patterns of usage of Facebook messenger. <i>Biological Rhythm Research</i> , 2020, , 1-9.	0.9	4
54	Circadian rhythmicity of heart rate variability and its impact on cardiac autonomic modulation in asthma. <i>Chronobiology International</i> , 2021, 38, 1631-1639.	2.0	4

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55	Resolving Power of Modified Engelmann Scale for Determining Chronotype in Human Population. <i>Journal of Human Ecology: International, Interdisciplinary Journal of Man-environment Relationship</i> , 1995, 6, 21-26.	0.1	4
56	Short-duration judgment in young Indian subjects under 30 h constant wakefulness. <i>Indian Journal of Experimental Biology</i> , 2014, 52, 559-68.	0.0	4
57	Circadian time dependence of erythropoietic and respiratory responses of indian garden lizard, <i>Calotes versicolor</i> , to mammalian urinary erythropoietin and thyroxine. <i>General and Comparative Endocrinology</i> , 1991, 82, 345-354.	1.8	3
58	Day length and evening temperature predict circannual variation in activity duration of the colony of the Indian cliff swallow, <i>Hirundo fluvicola</i> . <i>Biological Rhythm Research</i> , 2015, 46, 69-79.	0.9	3
59	Circadian rhythm in behavioral activities and diurnal abundance of stray street dogs in the city of Sambalpur, Odisha, India. <i>Chronobiology International</i> , 2019, 36, 1658-1670.	2.0	3
60	Time-of-day and seasonal variations in foraging behavior of street cattle of urban Raipur, India. <i>Biological Rhythm Research</i> , 2022, 53, 786-800.	0.9	3
61	Nest architecture of a bagworm species: Rhythmic pattern in the arrangement of sticks. <i>Journal of Biosciences</i> , 1995, 20, 409-416.	1.1	2
62	Title is missing!. <i>Journal of Insect Behavior</i> , 2000, 13, 667-677.	0.7	2
63	Filarial infection is resisted differentially by subjects having different blood group phenotypes. <i>Journal of Clinical Laboratory Analysis</i> , 2009, 23, 186-191.	2.1	2
64	Interval timing as function of methods of estimation – a study on cohorts of young Indians. <i>Biological Rhythm Research</i> , 2013, 44, 469-483.	0.9	2
65	Blood pressure and heart rate variability and diagnosis. <i>Biological Rhythm Research</i> , 2014, 45, 477-494.	0.9	2
66	Short- and long-duration exposures to cell-phone radiofrequency waves produce dichotomous effects on phototactic response and circadian characteristics of locomotor activity rhythm in zebrafish, <i>Danio rerio</i> . <i>Biological Rhythm Research</i> , 2021, 52, 1560-1575.	0.9	2
67	Patterns in prawn production across space and time – based on the data emanated from <i>Penaeus monodon</i> and <i>Fenneropenaeus indicus</i> inhabiting the brackish water Chilika lagoon in the Bay of Bengal. <i>Biological Rhythm Research</i> , 2020, 51, 599-615.	0.9	2
68	Habitual daily “Good Morning”™ message senders reveal the status of their own circadian clock. <i>Biological Rhythm Research</i> , 2020, 51, 735-746.	0.9	2
69	Circannual production rhythms of seven commercially important fishes in the Chilika lagoon. <i>Biological Rhythm Research</i> , 2020, , 1-23.	0.9	2
70	Reproductive Phase-Dependent Annual Variation in the Effects of Melatonin and Pinealectomy, with or without Iopanoic Acid/Cyproterone Acetate, in the Regulation of Serum Cholesterol in <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 1996, 27, 58-71.	0.9	1
71	Effect of Pineal Extirpation on Daily and Long-Term Variations in Thermal Tolerance in a Tropical Catfish, <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 1997, 28, 335-347.	0.9	1
72	Circadian variability and nocturnal dipping pattern in blood pressure in young normotensive subjects. <i>Biological Rhythm Research</i> , 2012, 43, 485-496.	0.9	1

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73	Non-auditory effect of community noise on interval timing in humans: an exploration. <i>Biological Rhythm Research</i> , 2012, 43, 585-601.	0.9	1
74	Circadian rhythmicity in leukocytes immune responses in the freshwater snake, <i>Natrix piscator</i> . <i>Biological Rhythm Research</i> , 2015, 46, 181-194.	0.9	1
75	Circadian Rhythm of Nitrate Reductase Activity in <i>Jatropha curcas</i> Under Different Photoregimens. <i>The National Academy of Sciences, India</i> , 2020, 43, 195-199.	1.3	1
76	Circannual rhythm in the production patterns of three economically important Brachyuran species of crabs. <i>Biological Rhythm Research</i> , 2021, 52, 504-516.	0.9	1
77	A population estimation study reveals a staggeringly high number of cattle on the streets of urban Raipur in India. <i>PLoS ONE</i> , 2021, 16, e0234594.	2.5	1
78	Sexual dimorphism in ultradian and 24h rhythms in plasma levels of growth hormone in Indian walking catfish, <i>Clarias batrachus</i> . <i>Chronobiology International</i> , 2021, 38, 858-870.	2.0	1
79	Locomotor activity rhythm in catfish <i>Heteropneustes fossilis</i> as a function of shoal size under different light regimens. <i>Chronobiology International</i> , 2021, 38, 1726-1737.	2.0	1
80	Does exposure to radiofrequency radiation (RFR) affect the circadian rhythm of rest-activity patterns and behavioral sleep variables in humans?. <i>Biological Rhythm Research</i> , 0, , 1-25.	0.9	1
81	Annual Cycle of Thermal Tolerance in Sham-Pinealectomized and Pinealectomized Air-Breathing Catfish <i>Clarias batrachus</i> . <i>Biological Rhythm Research</i> , 1997, 28, 453-459.	0.9	0
82	Assessment of Pulmonary Function in Young and Elderly Shift Workers of a Steel Plant. <i>Biological Rhythm Research</i> , 1998, 29, 272-285.	0.9	0
83	National Symposium on Recent Advances in Pineal Research: A Report. <i>Biological Rhythm Research</i> , 2000, 31, 117-119.	0.9	0
84	Dichotomy in human population based on variability in peak spread of rest-activity rhythm in respect of internal phase reference point. <i>Biological Rhythm Research</i> , 2008, 39, 109-121.	0.9	0
85	Permanent night work alters characteristics of circadian rhythm of rest-activity in human subjects. <i>Biological Rhythm Research</i> , 2008, 39, 481-492.	0.9	0
86	Circannual rhythm in spatial distribution of burrows of freshwater crab, <i>Barytelphusa cunicularis</i> (Westwood, 1836). <i>Biological Rhythm Research</i> , 2008, 39, 359-368.	0.9	0
87	Prospective Judgment of Short-Intervals in a Cohort of University Students. <i>The National Academy of Sciences, India</i> , 2013, 36, 191-199.	1.3	0
88	Twenty-four-hour and nocturnal ambulatory blood pressure variability patterns in diabetics and hypothyroid patients: Looking through different temporal windows. <i>Biological Rhythm Research</i> , 2022, 53, 1848-1862.	0.9	0