

# CITATION REPORT

List of articles citing

## Circadian Clocks in the Immune System

DOI: 10.1177/0748730415577723

Journal of Biological Rhythms, 2015, 30, 277-90.

**Source:** <https://exaly.com/paper-pdf/62126213/citation-report.pdf>

**Version:** 2024-04-29

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
305	Phagocytosis in Teleosts. Implications of the New Cells Involved. <b>2015</b> , 4, 907-22		47
304	Disrupted Circadian Rhythm as a Common Player in Developmental Models of Neuropsychiatric Disorders. <b>2016</b> , 29, 155-181		11
303	Circadian Clocks in the Hematologic System. <i>Journal of Biological Rhythms</i> , <b>2015</b> , 30, 374-88	3.2	25
302	Circadian molecular clock in lung pathophysiology. <b>2015</b> , 309, L1056-75		68
301	Day-night dependence of gene expression and inflammatory responses in the remodeling murine heart post-myocardial infarction. <b>2016</b> , 311, R1243-R1254		23
300	Sleep, immunity and shift workers: A review. <b>2016</b> , 9, 164-168		36
299	The Circadian Clock and Human Health. <b>2016</b> , 26, R432-43		466
298	Circadian clocks and the regulation of virulence in fungi: Getting up to speed. <b>2016</b> , 57, 147-155		28
297	The circadian clock regulates inflammatory arthritis. <b>2016</b> , 30, 3759-3770		58
296	Immunity around the clock. <b>2016</b> , 354, 999-1003		157
295	Innate immune defenses exhibit circadian rhythmicity and differential temporal sensitivity to a bacterial endotoxin in Nile tilapia ( <i>Oreochromis niloticus</i> ). <b>2016</b> , 55, 613-22		30
294	Shift work at young age is associated with increased risk of multiple sclerosis in a Danish population. <b>2016</b> , 9, 104-9		16
293	Simulated Night Shift Disrupts Circadian Rhythms of Immune Functions in Humans. <b>2016</b> , 196, 2466-75		82
292	Regulation of Immunity by the Circadian Clock. <b>2016</b> , 251-266		2
291	Neuroendocrine underpinnings of sex differences in circadian timing systems. <b>2016</b> , 160, 118-26		51
290	Lymphocyte Circadian Clocks Control Lymph Node Trafficking and Adaptive Immune Responses. <b>2017</b> , 46, 120-132		211
289	A new technique for accelerated liver regeneration: An experimental study in rats. <b>2017</b> , 162, 233-247		4

288	Association of shiftwork and immune cells among police officers from the Buffalo Cardio-Metabolic Occupational Police Stress study. <b>2017</b> , 34, 721-731	28
287	Studying brain-regulation of immunity with optogenetics and chemogenetics; A new experimental platform. <b>2017</b> , 65, 1-8	6
286	The effect of timing of influenza vaccination and sample collection on antibody titers and responses in the aged. <b>2017</b> , 35, 3700-3708	19
285	Systems Chronotherapeutics. <b>2017</b> , 69, 161-199	165
284	Circadian Rhythms in Adipose Tissue Physiology. <b>2017</b> , 7, 383-427	32
283	Interplay between circadian clock and viral infection. <b>2017</b> , 95, 1283-1289	33
282	The innate immune cell response to bacterial infection in larval zebrafish is light-regulated. <b>2017</b> , 7, 12657	4
281	Flexible clock systems: adjusting the temporal programme. <b>2017</b> , 372,	30
280	Uncovering the mystery of opposite circadian rhythms between mouse and human leukocytes in humanized mice. <b>2017</b> , 130, 1995-2005	48
279	Bidirectional Regulation of Circadian Disturbance and Inflammation in Inflammatory Bowel Disease. <b>2017</b> , 23, 1741-1751	31
278	Neurogenetics of Drosophila circadian clock: expect the unexpected. <b>2017</b> , 31, 250-265	4
277	The circadian clock in immune cells controls the magnitude of Leishmania parasite infection. <b>2017</b> , 7, 10892	49
276	The tumor circadian clock: a new target for cancer therapy?. <b>2017</b> , 13, 2607-2610	16
275	Potent synchronization of peripheral circadian clocks by glucocorticoid injections in PER2::LUC-Clock/Clock mice. <b>2017</b> , 34, 1067-1082	19
274	Computational modeling of the cell-autonomous mammalian circadian oscillator. <b>2017</b> , 11, 379	10
273	Achilles is a circadian clock-controlled gene that regulates immune function in Drosophila. <b>2017</b> , 61, 127-136	15
272	hCLOCK induction by hypoxia promotes inflammatory responses by activating the NF- $\kappa$ B pathway. <b>2017</b> , 15, 1401-1406	4
271	Disrupted Ultradian Activity Rhythms and Differential Expression of Several Clock Genes in Interleukin-6-Deficient Mice. <b>2017</b> , 8, 99	5

270	A circadian based inflammatory response [Implications for respiratory disease and treatment. <b>2017</b> , 1,	18
269	Waking up too early - the consequences of preterm birth on sleep development. <b>2018</b> , 596, 5687-5708	28
268	Clocking in to immunity. <b>2018</b> , 18, 423-437	209
267	The immune system as a chronotoxicity target of the anticancer mTOR inhibitor everolimus. <b>2018</b> , 35, 705-718	7
266	Association of shiftwork and leukocytes among national health and nutrition examination survey respondents. <b>2018</b> , 35, 435-439	2
265	The circadian regulator BMAL1 programmes responses to parasitic worm infection via a dendritic cell clock. <b>2018</b> , 8, 3782	41
264	Preanalytical phase: Effects of water ingestion during fasting on routine hematological parameters in a small cohort of young women. <b>2018</b> , 483, 126-129	3
263	Daily oscillations in expression and responsiveness of Toll-like receptors in splenic immune cells. <b>2018</b> , 4, e00579	25
262	Chronobiological regulation of psychosocial and physiological outcomes in multiple sclerosis. <b>2018</b> , 88, 73-83	4
261	Interplay between Microbes and the Circadian Clock. <b>2018</b> , 10,	20
260	Diurnal rhythms in peripheral blood immune cell numbers of domestic pigs. <b>2018</b> , 79, 11-20	10
259	Circadian control of pain and neuroinflammation. <b>2018</b> , 96, 1002-1020	38
258	Circadian Clock's Cancer Connections. <b>2018</b> , 2, 133-153	10
257	The Dietary Inflammatory Index is associated with elevated white blood cell counts in the National Health and Nutrition Examination Survey. <b>2018</b> , 69, 296-303	26
256	Interplay between daily rhythmic serum-mediated bacterial killing activity and immune defence factors in rainbow trout ( <i>Oncorhynchus mykiss</i> ). <b>2018</b> , 72, 418-425	19
255	Gravitational stress during parabolic flights reduces the number of circulating innate and adaptive leukocyte subsets in human blood. <b>2018</b> , 13, e0206272	9
254	Circadian Expression of Migratory Factors Establishes Lineage-Specific Signatures that Guide the Homing of Leukocyte Subsets to Tissues. <b>2018</b> , 49, 1175-1190.e7	94
253	The Clock Keeps on Ticking: Emerging Roles for Circadian Regulation in the Control of Fungal Physiology and Pathogenesis. <b>2019</b> , 422, 121-156	6

252	Maternal stress and early-onset colorectal cancer. <b>2018</b> , 121, 152-159	11
251	Initial state perturbations as a validation method for data-driven fuzzy models of cellular networks. <b>2018</b> , 19, 333	1
250	Inflammatory Markers in Anorexia Nervosa: An Exploratory Study. <b>2018</b> , 10,	36
249	From immune homeostasis to inflammation, a question of rhythms. <b>2018</b> , 5, 90-98	7
248	Daily rhythms after vaccination on specific and non-specific responses in Nile tilapia ( <i>Oreochromis niloticus</i> ). <b>2018</b> , 35, 1305-1318	1
247	The reciprocal interplay between TNF $\alpha$ and the circadian clock impacts on cell proliferation and migration in Hodgkin lymphoma cells. <b>2018</b> , 8, 11474	22
246	Potential Chronotherapeutic Optimization of Antimalarials in Systemic Lupus Erythematosus: Is Toll-Like Receptor 9 Expression Dependent on the Circadian Cycle in Humans?. <b>2018</b> , 9, 1497	4
245	Altered Circadian Rhythms and Breast Cancer: From the Human to the Molecular Level. <b>2018</b> , 9, 219	21
244	Heat Shock Gene Inactivation and Protein Aggregation with Links to Chronic Diseases. <b>2018</b> , 6,	7
243	Non-Metastatic Cutaneous Melanoma Induces Chronodisruption in Central and Peripheral Circadian Clocks. <b>2018</b> , 19,	27
242	Circadian Rhythm and Alzheimer's Disease. <b>2018</b> , 6,	18
241	The effect of consecutive transmeridian flights on alertness, sleep-wake cycles and sleepiness: A case study. <b>2018</b> , 35, 1471-1480	6
240	Biological clocks: their relevance to immune-allergic diseases. <b>2018</b> , 16, 1	28
239	Circadian regulation of neutrophils: Control by a cell-autonomous clock or systemic factors?. <b>2018</b> , 48 Suppl 2, e12965	11
238	Circadian Rhythms Have Effects on Surgical Outcomes of Liver Transplantation for Patients With Hepatocellular Carcinoma: A Retrospective Analysis of 147 Cases in a Single Center. <b>2019</b> , 51, 1913-1919	5
237	Effect of Time of Day of Infection on Chlamydia Infectivity and Pathogenesis. <b>2019</b> , 9, 11405	6
236	Shift Work and Leukocyte Count Changes among Workers in Bangkok. <b>2019</b> , 63, 689-700	1
235	Circadian regulation of physiology: Relevance for space medicine. <b>2019</b> , 14-15, 100029	5

234	Clock gene polymorphism is associated with susceptibility to Graves' disease but not to Hashimoto's thyroiditis. <b>2019</b> , 36, 1343-1350	5
233	Identification of pathways that regulate circadian rhythms using a larval zebrafish small molecule screen. <b>2019</b> , 9, 12405	11
232	The circadian clock of CD8 T cells modulates their early response to vaccination and the rhythmicity of related signaling pathways. <b>2019</b> , 116, 20077-20086	54
231	Regulatory interaction between the ZBP2-ORMDL3/Zbp2-Ormdl3 region and the circadian clock. <b>2019</b> , 14, e0223212	1
230	Immunometabolism around the Clock. <b>2019</b> , 25, 612-625	22
229	Identification of Immunoglobulin Gene Usage in Immune Repertoires Sequenced by Nanopore Technology. <b>2019</b> , 295-306	
228	The evolutionary ecology of circadian rhythms in infection. <b>2019</b> , 3, 552-560	40
227	Is it Time to Change Radiotherapy: The Dawning of Chronoradiotherapy?. <b>2019</b> , 31, 326-335	14
226	Circadian oscillation of TNF- $\alpha$ gene expression regulated by clock gene, BMAL1 and CLOCK1, in the Japanese medaka ( <i>Oryzias latipes</i> ). <b>2019</b> , 70, 362-371	11
225	Circadian rhythms: a regulator of gastrointestinal health and dysfunction. <b>2019</b> , 13, 411-424	30
224	Achilles-Mediated and Sex-Specific Regulation of Circadian mRNA Rhythms in <i>Drosophila</i> . <i>Journal of Biological Rhythms</i> , <b>2019</b> , 34, 131-143	3.2 4
223	Molecular Interactions between Pathogens and the Circadian Clock. <b>2019</b> , 20,	5
222	Immunological effects of shift work in healthcare workers. <b>2019</b> , 9, 18220	28
221	The Complex Interplay of Parasites, Their Hosts, and Circadian Clocks. <b>2019</b> , 9, 425	14
220	Longitudinal transcriptome-wide gene expression analysis of sleep deprivation treatment shows involvement of circadian genes and immune pathways. <b>2019</b> , 9, 343	10
219	The connection of circadian rhythm to inflammatory bowel disease. <b>2019</b> , 206, 107-118	25
218	Cycles, Arrows and Turbulence: Time Patterns in Renal Disease, a Path from Epidemiology to Personalized Medicine?. <b>2019</b> , 47, 171-184	7
217	Short-Term Sleep Loss Alters Cytokine Gene Expression in Brain and Peripheral Tissues and Increases Plasma Corticosterone of Zebra Finch ( <i>Taeniopygia guttata</i> ). <b>2019</b> , 92, 80-91	4

216	Melatonin and cancer: From the promotion of genomic stability to use in cancer treatment. <b>2019</b> , 234, 5613-5627	44
215	Circadian rhythms and rheumatoid arthritis. <b>2019</b> , 86, 327-333	25
214	Noncoding RNAs: Bridging Regulation of Circadian Rhythms and Inflammation. <b>2020</b> , 7, 155-177	5
213	Rythmes circadiens dans la polyarthrite rhumatoïde. <b>2020</b> , 87, 11-17	
212	Differences in Diurnal Variation of Immune Responses in Microglia and Macrophages: Review and Perspectives. <b>2020</b> , 40, 301-309	8
211	Evaluation of the circadian rhythm of anti-Leishmania IgG2 and IgA antibodies in serum and saliva of dogs with clinical leishmaniosis. <b>2020</b> , 68, 101389	2
210	Molecular Connections Between Circadian Clocks and Aging. <b>2020</b> , 432, 3661-3679	19
209	Molecular mechanisms and physiological importance of circadian rhythms. <b>2020</b> , 21, 67-84	214
208	Continuous Light Does Not Affect Atherosclerosis in APOE*3-Leiden.CETP Mice. <i>Journal of Biological Rhythms</i> , <b>2020</b> , 35, 598-611	3.2 0
207	Circadian influence on the microbiome improves heart failure outcomes. <b>2020</b> , 149, 54-72	6
206	Development of model based on clock gene expression of human hair follicle cells to estimate circadian time. <b>2020</b> , 37, 993-1001	1
205	Adrenergic regulation of immune cell function and inflammation. <b>2020</b> , 42, 709-717	21
204	The Cutaneous Wound Innate Immunological Microenvironment. <b>2020</b> , 21,	5
203	Mediators of Host-Microbe Circadian Rhythms in Immunity and Metabolism. <b>2020</b> , 9,	3
202	The Generalized Adaptation Account of Autism. <b>2020</b> , 14, 534218	2
201	Circadian control of brain glymphatic and lymphatic fluid flow. <b>2020</b> , 11, 4411	112
200	Shift work influences the outcomes of Chlamydia infection and pathogenesis. <b>2020</b> , 10, 15389	1
199	Aging with rhythmicity. Is it possible? Physical exercise as a pacemaker. <b>2020</b> , 261, 118453	8

- 198 Cancer stem cell generation during epithelial-mesenchymal transition is temporally gated by intrinsic circadian clocks. **2020**, 37, 617-635 5
- 197 Circadian Clock and Complement Immune System-Complementary Control of Physiology and Pathology?. **2020**, 10, 418 7
- 196 Cellular, Molecular, and Physiological Adaptations of Hibernation: The Solution to Environmental Challenges. **2020**, 36, 315-338 12
- 195 Does exposure to parasites modify relationships between diurnal cortisol and leukocytes among Honduran women?. **2020**, 173, 463-479 2
- 194 The interaction of the circadian and immune system: Desynchrony as a pathological outcome to traumatic brain injury. **2020**, 9, 100058 2
- 193 Defining Wellness. **2020**, 1-12
- 192 Wellness Interventions in the Workplace. **2020**, 248-257
- 191 Engaging the Five Senses. **2020**, 448-462
- 190 Family Relations, Friendships, and Love. **2020**, 553-564
- 189 Index. **2020**, 623-636
- 188 Screening and Assessment Methods for Wellness. **2020**, 13-22
- 187 The Biopsychosocial Assessment. **2020**, 23-36
- 186 Wellness Measurement. **2020**, 37-44
- 185 The Wellness Treatment Plan. **2020**, 45-56
- 184 The Concept of Wellness in Psychiatric and Substance-Use Disorders. **2020**, 57-65
- 183 Neurological and Neurosurgical Disorders and Wellness. **2020**, 66-78
- 182 Cardiovascular and Pulmonary Wellness. **2020**, 79-86
- 181 Gastrointestinal System and Wellness. **2020**, 87-97



180 Wellness and the Genito-Urinary System. **2020**, 98-115

179 Reproductive System. **2020**, 116-134

178 Allergic, Infectious, and Immunological Processes. **2020**, 135-159

177 Wellness in Endocrine and Metabolic Disorders. **2020**, 160-176

176 Wellness in Older Individuals. **2020**, 188-198

175 Wellness in Children and Adolescents. **2020**, 199-208

174 Wellness in Cancer and Neoplastic Diseases. **2020**, 225-236

173 Wellness in Terminal Illness. **2020**, 237-247

172 Wellness Interventions for Physicians and Healthcare Professionals. **2020**, 258-270

171 Nutrition. **2020**, 271-291

170 Exercise, Dance, Tai Chi, Pilates, and Alexander Technique. **2020**, 315-323

169 Sleep, Rest, and Relaxation in Improving Wellness. **2020**, 324-331

168 Sex, Intimacy, and Well-Being. **2020**, 332-344

167 Mindfulness, Meditation, and Yoga. **2020**, 345-356

166 Positive Neuropsychology, Cognitive Rehabilitation, and Neuroenhancement. **2020**, 365-377

165 Acupuncture, Herbs, and Ayurvedic Medicine. **2020**, 378-393

164 Massage, Humor, and Music. **2020**, 403-412

163 Nature and Pets. **2020**, 413-422

162 Resilience and Wellness. **2020**, 484-493

161 Developing Purpose, Meaning, and Achievements. **2020**, 494-503

160 Healing and Wellness. **2020**, 504-514

159 Connection, Compassion, and Community. **2020**, 515-524

158 Work, Love, Play, and Joie de Vivre. **2020**, 535-544

157 Well-Being and WorkLife Balance. **2020**, 545-552

156 The Role of Leisure, Recreation, and Play in Health and Well-Being. **2020**, 565-572

155 Wellness Apps and Devices. **2020**, 605-622

o

154 Wellness Interventions in Patients Living with Chronic Medical Conditions. **2020**, 177-187

153 Pharmaceuticals and Alternatives for Wellness. **2020**, 302-314

152 Emotional Intelligence and Its Role in Sustaining Fulfillment in Life. **2020**, 463-473

151 Wellness and Whole-Person Care. **2020**, 573-581

150 Wellness in Pain Disorders. **2020**, 209-224

149 Forgiveness, Gratitude, and Spirituality. **2020**, 357-364

148 The Role of Aesthetics in Wellness. **2020**, 394-402

o

147 Circadian Rhythm in the Digital Age. **2020**, 423-434

146 The Arts in Health Settings. **2020**, 435-447

145 Wellness Interventions for Chronicity and Disability. **2020**, 525-534

144 The Personalized Wellness Life Plan. **2020**, 582-597

143 Wellness Measures. **2020**, 597-604

142 A Pro- and Anti-inflammatory Axis Modulates the Macrophage Circadian Clock. **2020**, 11, 867 10

141 Does the compromised sleep and circadian disruption of night and shiftworkers make them highly vulnerable to 2019 coronavirus disease (COVID-19)?. **2020**, 37, 607-617 28

140 Prenatal exposure to lipopolysaccharide induces changes in the circadian clock in the SCN and AA-NAT activity in the pineal gland. **2020**, 1743, 146952 3

139 Rhythmic expression of the melatonergic biosynthetic pathway and its differential modulation in vitro by LPS and IL10 in bone marrow and spleen. **2020**, 10, 4799 9

138 When Rhythms Meet the Blues: Circadian Interactions with the Microbiota-Gut-Brain Axis. **2020**, 31, 448-471 49

137 The moderating role of lifestyle, age, and years working in shifts in the relationship between shift work and being overweight. **2020**, 93, 697-705 5

136 Chronobiological Influence Over Cardiovascular Function: The Good, the Bad, and the Ugly. **2020**, 126, 258-279 37

135 Chronotherapy of Non-Steroidal Anti-Inflammatory Drugs May Enhance Postoperative Recovery. **2020**, 10, 468 14

134 Mitochondria: An Integrative Hub Coordinating Circadian Rhythms, Metabolism, the Microbiome, and Immunity. **2020**, 8, 51 19

133 The aberrant expression of rhythm genes affects the genome instability and regulates the cancer immunity in pan-cancer. **2020**, 9, 1818-1829 5

132 Circadian and sleep dysfunction in Alzheimer's disease. **2020**, 60, 101046 51

131 Reply to Belingheri et al. **2021**, 72, 1676-1677 1

130 The circadian clock and inflammation: A new insight. **2021**, 512, 12-17 5



129 Circadian Clocks. **2021**, 2

128 Mammalian circadian systems: Organization and modern life challenges. **2021**, 231, e13548 21

127 Tubulin Polymerization Promoting Protein Affects the Circadian Timing System in C57Bl/6 Mice. **2021**, 19, 5 2

126	Dim Light at Night Impairs Daily Variation of Circulating Immune Cells and Renal Immune Homeostasis. <b>2020</b> , 11, 614960	8
125	Circadian rhythm-associated clinical relevance and Tumor Microenvironment of Non-small Cell Lung Cancer. <b>2021</b> , 12, 2582-2597	3
124	A multi-level assessment of the bidirectional relationship between aging and the circadian clock. <b>2021</b> , 157, 73-94	4
123	Identifying the Immunological Gene Signatures of Immune Cell Subtypes. <b>2021</b> , 2021, 1-10	1
122	RNAseq shows an all-pervasive day-night rhythm in the transcriptome of the pacemaker of the heart. <b>2021</b> , 11, 3565	3
121	APOE4 is associated with elevated blood lipids and lower levels of innate immune biomarkers in a tropical Amerindian subsistence population.	
120	Diurnal Variation of Plasma Extracellular Vesicle Is Disrupted in People Living with HIV. <b>2021</b> , 10,	3
119	Chronic Exposure to Continuous Brightness or Darkness Modulates Immune Responses and Ameliorates the Antioxidant Enzyme System in Male Rats. <b>2021</b> , 8, 621188	1
118	Circadian rhythms in septic shock patients. <b>2021</b> , 11, 64	3
117	Disruption of circadian rhythm and risk of autism spectrum disorder: role of immune-inflammatory, oxidative stress, metabolic and neurotransmitter pathways. <b>2021</b> ,	4
116	Circadian Control of Heparan Sulfate Levels Times Phagocytosis of Amyloid Beta Aggregates.	
115	CBX4 Provides an Alternate Mode of Colon Cancer Development Potential Influences on Circadian Rhythm and Immune Infiltration. <b>2021</b> , 9, 669254	1
114	Disruptions of Circadian Rhythms and Thrombolytic Therapy During Ischemic Stroke Intervention. <b>2021</b> , 15, 675732	1
113	Associations between sleep duration, shift work, and infectious illness in the United States: Data from the National Health Interview Survey. <b>2021</b> , 7, 638-643	3
112	COVID-19: Sleep, Circadian Rhythms and Immunity - Repurposing Drugs and Chronotherapeutics for SARS-CoV-2. <b>2021</b> , 15, 674204	5
111	Microglia and the Aging Brain: Are Geriatric Microglia Linked to Poor Sleep Quality?. <b>2021</b> , 22,	0
110	Systems and Circuits Linking Chronic Pain and Circadian Rhythms. <b>2021</b> , 15, 705173	5
109	Circadian depression: A mood disorder phenotype. <b>2021</b> , 126, 79-101	11

108	Melatonin as an immunomodulator in children with Down syndrome. <b>2021,</b>	0
107	Immune normalization strategy against suboptimal health status: safe and efficacious therapy using mixed-natural killer cells. <b>2021, 13, 20131-20148</b>	2
106	Is There a Link between Circadian Clock Protein PERIOD 3 (PER3) (rs57875989) Variant and the Severity of COVID-19 Infection?. <b>2021, 1</b>	0
105	Regulatory Effects of Clock and Bmal1 on Circadian Rhythmic TLR Expression. <b>2021, 1-12</b>	1
104	is associated with elevated blood lipids and lower levels of innate immune biomarkers in a tropical Amerindian subsistence population. <b>2021, 10,</b>	5
103	Nuclear Receptors and Clock Components in Cardiovascular Diseases. <b>2021, 22,</b>	0
102	Association between serum markers of the humoral immune system and inflammation in the Swedish AMORIS study. <b>2021, 22, 61</b>	2
101	The circadian clock and diseases of the skin. <b>2021, 595, 2413-2436</b>	6
100	A prospective multicentre observational study to quantify nocturnal light exposure in intensive care. 175114372110453	
99	Circadian disruption and human health. <b>2021, 131,</b>	10
98	Molecular basis of synchronous replication of malaria parasites in the blood stage. <b>2021, 63, 210-215</b>	1
97	Sex Differences in Circadian Biology: Influences on Lung Health and Disease. <b>2021, 429-469</b>	
96	Light at Night and Risk of Pancreatic Cancer in the NIH-AARP Diet and Health Study. <b>2021, 81, 1616-1622</b>	0
95	Post-transcriptional circadian regulation in macrophages organizes temporally distinct immunometabolic states. <b>2021,</b>	18
94	Post-Transcriptional Circadian Regulation in Macrophages Organizes Temporally Distinct Immunometabolic States.	4
93	NF- $\kappa$ B modifies the mammalian circadian clock through interaction with the core clock protein BMAL1.	1
92	The case for chronotherapy in Covid-19-induced acute respiratory distress syndrome. <b>2020, 177, 4845-4850</b>	14
91	Rotating night shift work and risk of multiple sclerosis in the Nurses' Health Studies. <b>2019, 76, 733-738</b>	4

90	Circadian rhythm influences induction of trained immunity by BCG vaccination. <b>2020</b> , 130, 5603-5617	36
89	Daytime variation in hepatitis C virus replication kinetics following liver transplant. <b>2018</b> , 3, 96	7
88	Interleukin-7 Plasma Levels in Human Differentiate Anorexia Nervosa, Constitutional Thinness and Healthy Obesity. <b>2016</b> , 11, e0161890	13
87	Breast Feeding and Melatonin: Implications for Improving Perinatal Health. <b>2015</b> , 1, 8-20	10
86	A correlation between the fluctuations of cytokine concentrations measured in the morning and evening and the circadian blood pressure rhythm in patients with stage II essential hypertension. <b>2019</b> , 65-70	1
85	Simulated bacterial infection disrupts the circadian fluctuation of immune cells in wrinkle-lipped bats (). <b>2017</b> , 5, e3570	14
84	Skin and immune cells crosstalk via circadian regulations.	0
83	Gut microbiota dysbiosis of type 2 diabetic mice impairs the intestinal daily rhythms of GLP-1 sensitivity. <b>2021</b> , 1	0
82	Time Measurement in Living Systems: Human Understanding and Health Implications. <b>2017</b> , 337-352	
81	The Optimization of Natural Healing. <b>2017</b> , 3-24	
80	Timing of lymphocyte trafficking is regulated by the circadian clock. <b>2017</b> , 5, S21	
79	Daytime variation in hepatitis C virus replication kinetics following liver transplant. <b>2018</b> , 3, 96	5
78	Diurnal Variations in Immunity. 1-7	1
77	  <b>2019</b> , 71-78	
76	Longitudinal transcriptome-wide gene expression analysis of sleep deprivation treatment shows involvement of circadian genes and immune pathways.	
75	What Is Stress?. <b>2020</b> , 19-42	1
74	Circadian Rhythm and Stress. <b>2020</b> , 145-179	2
73	Introduction to Mammalian Circadian Clock System. <b>2020</b> , 1-21	

72	Temporal control of tumor growth in nocturnal mammals: impact of the circadian system	
71	The Assessment of Circadian Rhythms Within the Immune System. <b>2021</b> , 2130, 29-51	1
70	Enhancing daily light exposure increases the antibody response to influenza vaccination in patients with dementia.	
69	The Circadian Clock and Functional Somatic Symptoms. <b>2020</b> , 97-118	
68	The Circadian Clock Protein BMAL1 Acts as a Metabolic Sensor In Macrophages to Control the Production of Pro IL-1 <b>2021</b> , 12, 700431	6
67	Chronobiology and Chronotherapy in Inflammatory Joint Diseases. <b>2021</b> , 13,	0
66	The Handbook of Wellness Medicine. <b>2020</b> ,	2
65	Nutraceuticals and Wellness. <b>2020</b> , 292-301	1
64	It's About Time: Advances in Understanding the Circadian Regulation of DNA Damage and Repair in Carcinogenesis and Cancer Treatment Outcomes. <b>2019</b> , 92, 305-316	11
63	NF- $\kappa$ B modifies the mammalian circadian clock through interaction with the core clock protein BMAL1. <b>2021</b> , 17, e1009933	5
62	The NLRP3 inflammasome pathway in autoimmune diseases: a chronotherapeutic perspective?. <b>2022</b> , 149-178	
61	NSAID chronotherapy after impacted third molar extraction: a randomized controlled trial.. <b>2022</b> , 1	1
60	Redox Biology of Melatonin: Discriminating between Circadian and Non-circadian Functions.. <b>2022</b> ,	2
59	The involvement of host circadian clocks in the regulation of the immune response to parasitic infections in mammals.. <b>2021</b> , e12903	0
58	The journey of neutropoiesis: how complex landscapes in bone marrow guide continuous neutrophil lineage determination.. <b>2022</b> ,	0
57	Physiology of Normal Sleep. <b>2022</b> , 3-28	1
56	Editorial: Parasites- the importance of time.. <b>2022</b> , e12906	
55	Chronoradiobiology of Breast Cancer: The Time Is Now to Link Circadian Rhythm and Radiation Biology.. <b>2022</b> , 23,	1

54	Circadian control of heparan sulfate levels times phagocytosis of amyloid beta aggregates.. <b>2022</b> , 18, e1009994	3
53	Circadian effects on UV-induced damage and mutations. <b>2022</b> , 789, 108413	
52	The Role of Tumor Necrosis Factor Alpha Antagonists (Anti TNF- $\alpha$ ) in Personalized Treatment of Patients with Isolated Polymyalgia Rheumatica (PMR): Past and Possible Future Scenarios.. <b>2022</b> , 12,	
51	Psychosomatic syndromes are associated with IL-6 pro-inflammatory cytokine in heart failure patients.. <b>2022</b> , 17, e0265282	0
50	Sleep and circadian rhythm disruption alters the lung transcriptome to predispose to viral infection.	
49	Relationship between circadian genes and memory impairment caused by sleep deprivation.. <b>2022</b> , 10, e13165	0
48	Linking circadian rhythms to microbiome-gut-brain axis in aging-associated neurodegenerative diseases.. <b>2022</b> , 101620	4
47	Shift Work Predicts Increases in Lipopolysaccharide-Binding Protein, Interleukin-10, and Leukocyte Counts in a Cross-Sectional Study of Healthy Volunteers Carrying Low-Grade Systemic Inflammation.. <b>2021</b> , 18,	2
46	THE KEY TO STRONG IMMUNITY: LIFESTYLE.	
45	Microglia and monocytes in inflammatory CNS disease: integrating phenotype and function. <b>2021</b> , 143, 179	6
44	The role of melatonin in the molecular mechanisms underlying metaflammation and infections in obesity: A narrative review. <b>2021</b> , e13390	3
43	Data_Sheet_1.docx. <b>2020</b> ,	
42	Temporal transcriptome reveals that circadian clock is involved in the dynamic regulation of immune response to bacterial infection in <i>Bombyx mori</i> .. <b>2022</b> ,	1
41	Inflammatory potential of the diet. <b>2022</b> , 747-785	
40	Circadian Dependence of the Acute Immune Response to Myocardial Infarction. <b>2022</b> , 13,	0
39	The circadian immune system. <b>2022</b> , 7,	4
38	Diel rhythm of the inflammatory cytokine il1b in the Japanese medaka ( <i>Oryzias latipes</i> ) regulated by core components of the circadian clock. <b>2022</b> , 127, 238-246	
37	The Natural Janus Kinase Inhibitor Agerarin Downregulates Interleukin-4-Induced PER2 Expression in HaCaT Keratinocytes. <b>2022</b> , 27, 4205	0



- 36 Administration time-dependent effects of poly (I:C) on antioxidant and immune responses along the diurnal time scale in zebrafish. 1-12
- 35 Human Variation in DNA Repair, Immune Function, and Cancer Risk. 13,
- 34 Ecoimmunology in the field: Measuring multiple dimensions of immune function with minimally invasive, field-adapted techniques. ○
- 33 Topographical Distribution and Phenotype of Resident Meibomian Gland Orifice Immune Cells (MOICs) in Mice and the Effects of Topical Benzalkonium Chloride (BAK). **2022**, 23, 9589
- 32 Effect of time-dependent ibuprofen administration on the post operatory after impacted third molar extraction: a cross-over randomized controlled trial. 1
- 31 Cryptochrome 1 is involved in anti-bacterial immunity in Japanese flounder (*Paralichthys olivaceus*). **2022**, 561, 738675 ○
- 30 Identifying hub circadian rhythm biomarkers and immune cell infiltration in rheumatoid arthritis. 13, ○
- 29 Disruption of cellular immune response among male rotating night shift workers in Spain The HORMONIT study. 13, ○
- 28 Preliminary evidence that daily light exposure enhances the antibody response to influenza vaccination in patients with dementia. **2022**, 26, 100515 ○
- 27 Melatonin inhibits muscular-mucosal stretch-sensitive bladder afferents via the MT2 receptors. **2022**, 12, ○
- 26 Circadian rhythm-related factors of PER and CRY family genes function as novel therapeutic targets and prognostic biomarkers in lung adenocarcinoma. ○
- 25 When the clock ticks wrong with COVID-19. **2022**, 12, ○
- 24 NOX2 Inhibition Enables Retention of the Circadian Clock in BV2 Microglia and Primary Macrophages. ○
- 23 The time dimension to stroke: Circadian effects on stroke outcomes and mechanisms. **2023**, 162, 105457 ○
- 22 Diurnal changes and topographical distribution of ocular surface epithelial dendritic cells in humans, and repeatability of density and morphology assessment. ○
- 21 Sleep and circadian rhythm disruption alters the lung transcriptome to predispose to viral infection. **2022**, 105877 ○
- 20 Dendritic cells direct circadian anti-tumor immune responses. 1
- 19 Diurnal changes and topographical distribution of ocular surface epithelial dendritic cells in humans, and repeatability of density and morphology assessment. ○

- 18 Association between night shift work and methylation of a subset of immune-related genes. 10, ○
- 17 Regulation of Cytotoxic CD8+ T Cells by the Circadian Clock. **2023**, 210, 12-18 ○
- 16 Circadian rhythms of hosts and their gut microbiomes: implications for animal physiology and ecology. ○
- 15 Dual-Targeted Nanodiscs Revealing the Cross-Talk between Osteogenic Differentiation of Mesenchymal Stem Cells and Macrophages. ○
- 14 Positive Interaction Between CG, CC Genotypes of Cryptochrome Circadian Clocks 1, and Energy-Adjusted Dietary Inflammatory Index on High Sensitivity C-Reactive Protein Level in Women With Central Obesity. **2023**, 12, 7 ○
- 13 Glucocorticoids coordinate the bladder peripheral clock and diurnal micturition pattern in mice. **2023**, 6, ○
- 12 Role of circadian rhythms and melatonin in bladder function in health and diseases. **2023**, 246, 103083 ○
- 11 The multiple roles of salt-inducible kinases in regulating physiology. ○
- 10 NOX2 inhibition enables retention of the circadian clock in BV2 microglia and primary macrophages. 14, ○
- 9 Potential effects of shift work on skin autoimmune diseases. 13, ○
- 8 Individual Heterogeneity in the Relations Between Sleep, Inflammation, and Somatic Symptoms. **2023**, 85, 266-272 ○
- 7 Biological Clocks and Immune Function. **2023**, 249-278 ○
- 6 Differential Effects of Cocaine and Morphine on the Diurnal Regulation of the Mouse Nucleus Accumbens Proteome. ○
- 5 Effect of surgical starting time and season on prognosis in octogenarians with colorectal cancer: a retrospective study. **2022**, 18, 4493-4507 ○
- 4 BMAL1 regulates MUC1 overexpression in ovalbumin-induced asthma. **2023**, 156, 77-84 ○
- 3 Programmed ageing: decline of stem cell renewal, immunosenescence, and Alzheimer's disease. ○
- 2 Sleep and Circadian Rhythm in Post-COVID-19 Patients. **2023**, 211-230 ○
- 1 The Effect of Sleep Disruption and Circadian Misalignment on the Immune System. **2023**, 1-26 ○

