

# Diane B Boivin

## List of Publications by Year in Descending Order

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

61  
papers

3,219  
citations

30  
h-index

56  
g-index

63  
ext. papers

3,740  
ext. citations

4.1  
avg, IF

5.46  
L-index

#	Paper	IF	Citations
61	Effects of exogenous melatonin on sleep and circadian rhythms in women with premenstrual dysphoric disorder. <i>Sleep</i> , <b>2021</b> , 44,	1.1	2
60	The relationship between chronotype and sleep behavior during rotating shift work: a field study. <i>Sleep</i> , <b>2021</b> , 44,	1.1	7
59	Guiding Principles For Determining Work Shift Duration And Addressing The Effects Of Work Shift Duration On Performance, Safety, And Health. <i>Sleep</i> , <b>2021</b> ,	1.1	4
58	Guiding principles for determining work shift duration and addressing the effects of work shift duration on performance, safety, and health: guidance from the American Academy of Sleep Medicine and the Sleep Research Society. <i>Journal of Clinical Sleep Medicine</i> , <b>2021</b> ,	3.1	3
57	Disturbance of the Circadian System in Shift Work and Its Health Impact.. <i>Journal of Biological Rhythms</i> , <b>2021</b> , 7487304211064218	3.2	9
56	Effects of Shift Work on the Eating Behavior of Police Officers on Patrol. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	15
55	Metabolic and cardiovascular consequences of shift work: The role of circadian disruption and sleep disturbances. <i>European Journal of Neuroscience</i> , <b>2020</b> , 51, 396-412	3.5	57
54	The Phase-Shifting Effect of Bright Light Exposure on Circadian Rhythmicity in the Human Transcriptome. <i>Journal of Biological Rhythms</i> , <b>2019</b> , 34, 84-97	3.2	14
53	Individual metabolomic signatures of circadian misalignment during simulated night shifts in humans. <i>PLoS Biology</i> , <b>2019</b> , 17, e3000303	9.7	32
52	0136 The Effect of Shift Type on Sleep before, during, and after Work in Rotating Shift Workers. <i>Sleep</i> , <b>2019</b> , 42, A56-A56	1.1	
51	Disruption of central and peripheral circadian clocks in police officers working at night. <i>FASEB Journal</i> , <b>2019</b> , 33, 6789-6800	0.9	23
50	Working Time Society consensus statements: Individual differences in shift work tolerance and recommendations for research and practice. <i>Industrial Health</i> , <b>2019</b> , 57, 201-212	2.5	28
49	Simulated night shift work induces circadian misalignment of the human peripheral blood mononuclear cell transcriptome. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 5540-5545	11.5	58
48	Impact of Shift Work on the Circadian Timing System and Health in Women. <i>Sleep Medicine Clinics</i> , <b>2018</b> , 13, 295-306	3.6	19
47	Alertness and psychomotor performance levels of marine pilots on an irregular work roster. <i>Chronobiology International</i> , <b>2018</b> , 35, 773-784	3.6	4
46	Basic Circadian Timing and Sleep-Wake Regulation <b>2017</b> , 79-102		2
45	Skin Temperature Rhythms in Humans Respond to Changes in the Timing of Sleep and Light. <i>Journal of Biological Rhythms</i> , <b>2017</b> , 32, 257-273	3.2	19

44	Rapid resetting of human peripheral clocks by phototherapy during simulated night shift work. <i>Scientific Reports</i> , <b>2017</b> , 7, 16310	4.9	29
43	Dopamine and light: effects on facial emotion recognition. <i>Journal of Psychopharmacology</i> , <b>2017</b> , 31, 1225-1233	4.6	3
42	Treating delayed sleep-wake phase disorder in young adults. <i>Journal of Psychiatry and Neuroscience</i> , <b>2017</b> , 42, E9-E10	4.5	1
41	Diurnal and circadian variation of sleep and alertness in men vs. naturally cycling women. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 10980-5	11.5	39
40	Simulated Night Shift Disrupts Circadian Rhythms of Immune Functions in Humans. <i>Journal of Immunology</i> , <b>2016</b> , 196, 2466-75	5.3	82
39	Enhanced automated sleep spindle detection algorithm based on synchrosqueezing. <i>Medical and Biological Engineering and Computing</i> , <b>2015</b> , 53, 635-44	3.1	11
38	Identification of scalp EEG circadian variation using a novel correlation sum measure. <i>Journal of Neural Engineering</i> , <b>2015</b> , 12, 056004	5	1
37	Glucocorticoids entrain molecular clock components in human peripheral cells. <i>FASEB Journal</i> , <b>2015</b> , 29, 1360-70	0.9	76
36	Improved spindle detection through intuitive pre-processing of electroencephalogram. <i>Journal of Neuroscience Methods</i> , <b>2014</b> , 233, 1-12	3	11
35	Circadian variation of scalp EEG: a novel measure based on wavelet packet transform and differential entropy. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2013</b> , 2013, 6297-300	0.9	1
34	Circadian variation of heart rate variability across sleep stages. <i>Sleep</i> , <b>2013</b> , 36, 1919-28	1.1	101
33	Circadian adaptation to night shift work influences sleep, performance, mood and the autonomic modulation of the heart. <i>PLoS ONE</i> , <b>2013</b> , 8, e70813	3.7	68
32	Nocturnal polysomnographic sleep across the menstrual cycle in premenstrual dysphoric disorder. <i>Sleep Medicine</i> , <b>2012</b> , 13, 1071-8	4.6	35
31	Photic resetting in night-shift work: impact on nurses' sleep. <i>Chronobiology International</i> , <b>2012</b> , 29, 619-28	3.6	48
30	Amplitude reduction and phase shifts of melatonin, cortisol and other circadian rhythms after a gradual advance of sleep and light exposure in humans. <i>PLoS ONE</i> , <b>2012</b> , 7, e30037	3.7	88
29	A circadian rhythm in heart rate variability contributes to the increased cardiac sympathovagal response to awakening in the morning. <i>Chronobiology International</i> , <b>2012</b> , 29, 757-68	3.6	70
28	Phototherapy and orange-tinted goggles for night-shift adaptation of police officers on patrol. <i>Chronobiology International</i> , <b>2012</b> , 29, 629-40	3.6	35
27	Sleep-wake and circadian-dependent variation of cardiorespiratory coherence. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , <b>2012</b> , 2012, 3817-20	0.9	3

26	Pilot investigation of the circadian plasma melatonin rhythm across the menstrual cycle in a small group of women with premenstrual dysphoric disorder. <i>PLoS ONE</i> , <b>2012</b> , 7, e51929	3.7	24
25	Circadian clock gene expression in brain regions of Alzheimer's disease patients and control subjects. <i>Journal of Biological Rhythms</i> , <b>2011</b> , 26, 160-70	3.2	113
24	Model-based human circadian phase estimation using a particle filter. <i>IEEE Transactions on Biomedical Engineering</i> , <b>2011</b> , 58, 1325-36	5	16
23	Predominance of distal skin temperature changes at sleep onset across menstrual and circadian phases. <i>Journal of Biological Rhythms</i> , <b>2011</b> , 26, 260-70	3.2	21
22	Comment réduire les effets négatifs du travail de nuit sur la santé et la performance?. <i>Gestion: Revue Internationale De Gestion</i> , <b>2010</b> , 35, 47	0	
21	Circadian variation of sleep during the follicular and luteal phases of the menstrual cycle. <i>Sleep</i> , <b>2010</b> , 33, 647-56	1.1	75
20	Sleep, Hormones, and Circadian Rhythms throughout the Menstrual Cycle in Healthy Women and Women with Premenstrual Dysphoric Disorder. <i>International Journal of Endocrinology</i> , <b>2010</b> , 2010, 259345	2.7	204
19	Circadian variation of sleep and periodic leg movements in a bipolar man. <i>Sleep Medicine</i> , <b>2009</b> , 10, 935-6	4.6	2
18	Circadian Rhythms and Shift Working Women. <i>Sleep Medicine Clinics</i> , <b>2008</b> , 3, 13-24	3.6	15
17	Expression of clock genes in human peripheral blood mononuclear cells throughout the sleep/wake and circadian cycles. <i>Chronobiology International</i> , <b>2007</b> , 24, 1009-34	3.6	62
16	Circadian rhythms of melatonin, cortisol, and clock gene expression during simulated night shift work. <i>Sleep</i> , <b>2007</b> , 30, 1427-36	1.1	98
15	From circadian clock gene expression to pathologies. <i>Sleep Medicine</i> , <b>2007</b> , 8, 547-56	4.6	92
14	Working on atypical schedules. <i>Sleep Medicine</i> , <b>2007</b> , 8, 578-89	4.6	147
13	The role of circadian clock genes in mental disorders. <i>Dialogues in Clinical Neuroscience</i> , <b>2007</b> , 9, 333-42	5.7	131
12	Light treatment and circadian adaptation to shift work. <i>Industrial Health</i> , <b>2005</b> , 43, 34-48	2.5	59
11	Association between delayed sleep phase and hypernyctohemeral syndromes: a case study. <i>Sleep</i> , <b>2004</b> , 27, 417-21	1.1	20
10	Controlled exposure to light and darkness realigns the salivary cortisol rhythm in night shift workers. <i>Chronobiology International</i> , <b>2004</b> , 21, 961-72	3.6	38
9	Intermittent exposure to bright light in field conditions. <i>Aviation, Space, and Environmental Medicine</i> , <b>2004</b> , 75, A158-60		2

8	Circadian clock genes oscillate in human peripheral blood mononuclear cells. <i>Blood</i> , <b>2003</b> , 102, 4143-5	2.2	267
7	Circadian adaptation to night-shift work by judicious light and darkness exposure. <i>Journal of Biological Rhythms</i> , <b>2002</b> , 17, 556-67	3.2	148
6	Phase-dependent effect of room light exposure in a 5-h advance of the sleep-wake cycle: implications for jet lag. <i>Journal of Biological Rhythms</i> , <b>2002</b> , 17, 266-76	3.2	39
5	Dynamic resetting of the human circadian pacemaker by intermittent bright light. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2000</b> , 279, R1574-9	3.2	82
4	Dose-response relationships for resetting of human circadian clock by light. <i>Nature</i> , <b>1996</b> , 379, 540-2	50.4	458
3	Sensitivity of the human circadian pacemaker to moderately bright light. <i>Journal of Biological Rhythms</i> , <b>1994</b> , 9, 315-31	3.2	71
2	Psychiatric and medical disorders 351-364		4
1	A Review of Human Physiological Responses to Light: Implications for the Development of Integrative Lighting Solutions. <i>LEUKOS - Journal of Illuminating Engineering Society of North America</i> , 1-28 <sup>3.5</sup>		32