

Tom Deboer

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,143
citations

331259

21
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

3405
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The two-process model of sleep regulation: a reappraisal. <i>Journal of Sleep Research</i> , 2016, 25, 131-143. | 1.7 | 1,052 |
| 2 | Sleep states alter activity of suprachiasmatic nucleus neurons. <i>Nature Neuroscience</i> , 2003, 6, 1086-1090. | 7.1 | 293 |
| 3 | Effects of sleep deprivation on sleep and sleep EEG in three mouse strains: empirical data and simulations. <i>Brain Research</i> , 2000, 857, 8-19. | 1.1 | 286 |
| 4 | Sleep and Sleep Regulation in Normal and Prion Protein-Deficient Mice. <i>Journal of Neuroscience</i> , 1997, 17, 1869-1879. | 1.7 | 264 |
| 5 | Sleep homeostasis and the circadian clock: Do the circadian pacemaker and the sleep homeostat influence each other's functioning?. <i>Neurobiology of Sleep and Circadian Rhythms</i> , 2018, 5, 68-77. | 1.4 | 148 |
| 6 | Long Term Effects of Sleep Deprivation on The Mammalian Circadian Pacemaker. <i>Sleep</i> , 2007, 30, 257-262. | 0.6 | 131 |
| 7 | The interrelationship between sleep regulation and thermoregulation. <i>Frontiers in Bioscience - Landmark</i> , 2010, 15, 604. | 3.0 | 111 |
| 8 | Dim light at night disturbs the daily sleep-wake cycle in the rat. <i>Scientific Reports</i> , 2016, 6, 35662. | 1.6 | 94 |
| 9 | Development of the 24-h rest-activity pattern in human infants. , 2006, 29, 143-152. | | 83 |
| 10 | Running Wheel Accessibility Affects the Regional Electroencephalogram during Sleep in Mice. <i>Cerebral Cortex</i> , 2006, 16, 328-336. | 1.6 | 61 |
| 11 | Differences in electroencephalographic non-rapid-eye movement sleep slow-wave characteristics between young and old mice. <i>Scientific Reports</i> , 2017, 7, 43656. | 1.6 | 55 |
| 12 | Caffeine increases light responsiveness of the mouse circadian pacemaker. <i>European Journal of Neuroscience</i> , 2014, 40, 3504-3511. | 1.2 | 54 |
| 13 | Sleep Regulation in the Djungarian Hamster: Comparison of the Dynamics Leading to the Slow-Wave Activity Increase After Sleep Deprivation and Daily Torpor. <i>Sleep</i> , 2003, 26, 567-572. | 0.6 | 46 |
| 14 | Disruption of circadian rhythm by alternating light-dark cycles aggravates atherosclerosis development in APOE*3-Leiden.CETP mice. <i>Journal of Pineal Research</i> , 2020, 68, e12614. | 3.4 | 45 |
| 15 | Behavioral and Electrophysiological Correlates of Sleep and Sleep Homeostasis. <i>Current Topics in Behavioral Neurosciences</i> , 2013, 25, 1-24. | 0.8 | 43 |
| 16 | Short light-dark cycles affect sleep in mice. <i>European Journal of Neuroscience</i> , 2007, 26, 3518-3523. | 1.2 | 40 |
| 17 | Adenosine, caffeine, and sleep-wake regulation: state of the science and perspectives. <i>Journal of Sleep Research</i> , 2022, 31, . | 1.7 | 38 |
| 18 | Electroencephalogram theta frequency changes in parallel with euthermic brain temperature. <i>Brain Research</i> , 2002, 930, 212-215. | 1.1 | 35 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Reduced Sleep and Low Adenosinergic Sensitivity in Cacna1a R192Q Mutant Mice. <i>Sleep</i> , 2013, 36, 127-136. | 0.6 | 32 |
| 20 | Long-term effects of sleep deprivation on neuronal activity in four hypothalamic areas. <i>Neurobiology of Disease</i> , 2018, 109, 54-63. | 2.1 | 31 |
| 21 | Circadian and Homeostatic Modulation of Multi-Unit Activity in Midbrain Dopaminergic Structures. <i>Scientific Reports</i> , 2018, 8, 7765. | 1.6 | 28 |
| 22 | Modeling sleep alterations in Parkinson's disease: How close are we to valid translational animal models?. <i>Sleep Medicine Reviews</i> , 2016, 25, 95-111. | 3.8 | 27 |
| 23 | Circadian modulation of sleep in rodents. <i>Progress in Brain Research</i> , 2012, 199, 203-218. | 0.9 | 26 |
| 24 | Sleep and sleep homeostasis in constant darkness in the rat. <i>Journal of Sleep Research</i> , 2009, 18, 357-364. | 1.7 | 22 |
| 25 | Effects of chronic caffeine consumption on sleep and the sleep electroencephalogram in mice. <i>Journal of Psychopharmacology</i> , 2019, 33, 122-131. | 2.0 | 21 |
| 26 | Time-restricted feeding improves adaptation to chronically alternating light-dark cycles. <i>Scientific Reports</i> , 2019, 9, 7874. | 1.6 | 17 |
| 27 | How Old Is Your Brain? Slow-Wave Activity in Non-rapid-eye-movement Sleep as a Marker of Brain Rejuvenation After Long-Term Exercise in Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 233. | 1.7 | 12 |
| 28 | The Central Clock in Patients With Parkinson Disease. <i>JAMA Neurology</i> , 2014, 71, 1455. | 4.5 | 9 |
| 29 | Chronic high-caloric diet modifies sleep homeostasis in mice. <i>European Journal of Neuroscience</i> , 2018, 47, 1339-1352. | 1.2 | 9 |
| 30 | Doublecortin-like expressing astrocytes of the suprachiasmatic nucleus are implicated in the biosynthesis of vasopressin and influences circadian rhythms. <i>Glia</i> , 2021, 69, 2752-2766. | 2.5 | 6 |
| 31 | Long-Term Effect of a Single Dose of Caffeine on Sleep, the Sleep EEG and Neuronal Activity in the Peduncular Part of the Lateral Hypothalamus under Constant Dark Conditions. <i>Clocks & Sleep</i> , 2022, 4, 260-276. | 0.9 | 5 |
| 32 | Heterogeneity in the circadian and homeostatic modulation of multiunit activity in the lateral hypothalamus. <i>Sleep</i> , 2018, 41, . | 0.6 | 4 |
| 33 | Sleep Network Deterioration as a Function of Dim-Light-At-Night Exposure Duration in a Mouse Model. <i>Clocks & Sleep</i> , 2020, 2, 308-324. | 0.9 | 4 |
| 34 | The European Sleep Research Society "past, present and future. <i>Journal of Sleep Research</i> , 2022, , e13601. | 1.7 | 3 |
| 35 | Sleep Deprivation Does not Change the Flash Electroretinogram in Wild-type and <i>Opn4^{fl/fl}Gnat1^{fl/fl}</i> Mice. <i>Journal of Biological Rhythms</i> , 2022, 37, 216-221. | 1.4 | 2 |
| 36 | 10-year anniversary of the European Somnologist examination "A historic overview and critical appraisal. <i>Journal of Sleep Research</i> , 0, , . | 1.7 | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Annual variation in attentional response after methylphenidate treatment. <i>European Child and Adolescent Psychiatry</i> , 2020, 29, 1231-1236. | 2.8 | 1 |
| 38 | Heterogenous electrophysiological responses of functionally distinct striatal subregions to circadian and sleep-related homeostatic processes. <i>Sleep</i> , 2022, 45, . | 0.6 | 1 |
| 39 | Induction of Fatigue by Specific Anthracycline Cancer Drugs through Disruption of the Circadian Pacemaker. <i>Cancers</i> , 2022, 14, 2421. | 1.7 | 0 |