

# Cathalijn H C Leenaars

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

668  
citations

758635

12  
h-index

610482

24  
g-index

40  
all docs

40  
docs citations

40  
times ranked

901  
citing authors

#	ARTICLE	IF	CITATIONS
1	Animal to human translation: a systematic scoping review of reported concordance rates. <i>Journal of Translational Medicine</i> , 2019, 17, 223.	1.8	170
2	Increases in extracellular serotonin and dopamine metabolite levels in the basal forebrain during sleep deprivation. <i>Brain Research</i> , 2011, 1399, 40-48.	1.1	63
3	Software tools for literature screening in systematic reviews in biomedical research. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2019, 36, 508-517.	0.9	39
4	Intermediate filament transcription in astrocytes is repressed by proteasome inhibition. <i>FASEB Journal</i> , 2009, 23, 2710-2726.	0.2	36
5	A new automated method for rat sleep deprivation with minimal confounding effects on corticosterone and locomotor activity. <i>Journal of Neuroscience Methods</i> , 2011, 196, 107-117.	1.3	36
6	Brain Microdialysate Monoamines in Relation to Circadian Rhythms, Sleep, and Sleep Deprivation – a Systematic Review, Network Meta-analysis, and New Primary Data. <i>Journal of Circadian Rhythms</i> , 2019, 17, 1.	2.9	34
7	Performance of preclinical models in predicting drug-induced liver injury in humans: a systematic review. <i>Scientific Reports</i> , 2021, 11, 6403.	1.6	27
8	Switch-Task Performance in Rats Is Disturbed by 12 h of Sleep Deprivation But Not by 12 h of Sleep Fragmentation. <i>Sleep</i> , 2012, 35, 211-221.	0.6	25
9	Intracerebral Adenosine During Sleep Deprivation: A Meta-Analysis and New Experimental Data. <i>Journal of Circadian Rhythms</i> , 2018, 16, 11.	2.9	21
10	Intracerebral microdialysis of adenosine and adenosine monophosphate – a systematic review and meta-regression analysis of baseline concentrations. <i>Journal of Neurochemistry</i> , 2018, 147, 58-70.	2.1	18
11	Unaltered Instrumental Learning and Attenuated Body-Weight Gain in Rats During Non-rotating Simulated Shiftwork. <i>Chronobiology International</i> , 2012, 29, 344-355.	0.9	15
12	The Leeds food preference questionnaire after mild sleep restriction – A small feasibility study. <i>Physiology and Behavior</i> , 2016, 154, 28-33.	1.0	15
13	Reviewing the animal literature: how to describe and choose between different types of literature reviews. <i>Laboratory Animals</i> , 2021, 55, 129-141.	0.5	14
14	Extracting data from graphs: A case study on animal research with implications for meta-analyses. <i>Research Synthesis Methods</i> , 2021, 12, 701-710.	4.2	14
15	Metabolic and behavioural effects of prenatal exposure to non-nutritive sweeteners: A systematic review and meta-analysis of rodent models. <i>Physiology and Behavior</i> , 2020, 213, 112696.	1.0	12
16	A Systematic Search and Mapping Review of Studies on Intracerebral Microdialysis of Amino Acids, and Systematized Review of Studies on Circadian Rhythms. <i>Journal of Circadian Rhythms</i> , 2018, 16, 12.	2.9	12
17	Measurement of corticosterone in mice: a protocol for a mapping review. <i>Laboratory Animals</i> , 2020, 54, 26-32.	0.5	11
18	Laboratory animals search filter for different literature databases: PubMed, Embase, Web of Science and PsycINFO. <i>Laboratory Animals</i> , 2022, 56, 279-286.	0.5	11

#	ARTICLE	IF	CITATIONS
19	Joining forces: the need to combine science and ethics to address problems of validity and translation in neuropsychiatry research using animal models. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2020, 15, 1.	0.7	10
20	Animal models for cystic fibrosis: A systematic search and mapping review of the literature – Part 1: genetic models. <i>Laboratory Animals</i> , 2020, 54, 330-340.	0.5	9
21	Spatial reversal learning is robust to total sleep deprivation. <i>Behavioural Brain Research</i> , 2012, 230, 40-47.	1.2	8
22	A Systematic Review Comparing Experimental Design of Animal and Human Methotrexate Efficacy Studies for Rheumatoid Arthritis: Lessons for the Translational Value of Animal Studies. <i>Animals</i> , 2020, 10, 1047.	1.0	8
23	Sleep and Microdialysis: An Experiment and a Systematic Review of Histamine and Several Amino Acids. <i>Journal of Circadian Rhythms</i> , 2019, 17, 7.	2.9	6
24	Animal models for cystic fibrosis: a systematic search and mapping review of the literature. Part 2: nongenetic models. <i>Laboratory Animals</i> , 2021, 55, 307-316.	0.5	5
25	Risk-Based Decision Making: A Systematic Scoping Review of Animal Models and a Pilot Study on the Effects of Sleep Deprivation in Rats. <i>Clocks &amp; Sleep</i> , 2021, 3, 31-52.	0.9	4
26	Comprehensive search filters for retrieving publications on nonhuman primates for literature reviews (filterNHP). <i>American Journal of Primatology</i> , 2021, 83, e23287.	0.8	4
27	Effects of experimental sleep deprivation on aggressive, sexual and maternal behaviour in animals: a systematic review protocol. <i>BMJ Open Science</i> , 2018, 2, e000041.	0.8	4
28	Instrumental learning: An animal model for sleep dependent memory enhancement. <i>Journal of Neuroscience Methods</i> , 2013, 217, 44-53.	1.3	3
29	Wistar rats do not show preference for either of two commonly used nutritionally sound food rewards in a T-maze. <i>Journal of Veterinary Behavior: Clinical Applications and Research</i> , 2019, 31, 22-27.	0.5	3
30	Effects of sleep deprivation on maternal behaviour in animal models: A systematic review and meta-analysis. <i>Journal of Sleep Research</i> , 2021, 30, e13333.	1.7	3
31	Sleep and Food Choice in a Dutch Student Population. <i>Journal of Circadian Rhythms</i> , 2015, 13, 6.	2.9	3
32	Measuring endogenous corticosterone in laboratory mice - a mapping review, meta-analysis, and open source database. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2021, 38, 111-122.	0.9	3
33	A systematic review and meta-analysis of animal models of binge eating - Part 1: Definitions and food/drink intake outcomes. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 132, 1137-1156.	2.9	2
34	Development of a Systematic Review Protocol and a Scoping Review of Ultrasound-Induced Immune Effects in Peripheral Tumors. <i>Molecular Imaging and Biology</i> , 2021, , 1.	1.3	2
35	Altered emotional experiences attributed to antipsychotic medications – A potential link with estimated dopamine D2 receptor occupancy. <i>Psychiatry Research</i> , 2016, 236, 9-14.	1.7	1
36	Social Jet-Lag in Tertiary Students Following A Modern Curriculum with Few Time-Tabled Contact Hours: A Pilot Study. <i>Clocks &amp; Sleep</i> , 2019, 1, 306-318.	0.9	1

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37	Metabolic and behavioural effects in offspring exposed to maternal sucrose consumption: a systematic review and meta-analysis of data from rodent models. <i>Journal of Developmental Origins of Health and Disease</i> , 2020, 12, 1-16.	0.7	1
38	R2N Science Camp. ALTEX: Alternatives To Animal Experimentation, 2020, 37, 315-316.	0.9	0