

# Carlijn R Hooijmans

## List of Publications by Citations

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**Version:** 2024-04-26

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53  
papers

3,443  
citations

25  
h-index

58  
g-index

60  
ext. papers

4,371  
ext. citations

5.2  
avg, IF

5.32  
L-index

#	Paper	IF	Citations
53	SYRCLE: A risk of bias tool for animal studies. <i>BMC Medical Research Methodology</i> , <b>2014</b> , 14, 43	4.7	1136
52	A gold standard publication checklist to improve the quality of animal studies, to fully integrate the Three Rs, and to make systematic reviews more feasible. <i>ATLA Alternatives To Laboratory Animals</i> , <b>2010</b> , 38, 167-82	2.1	212
51	Enhancing search efficiency by means of a search filter for finding all studies on animal experimentation in PubMed. <i>Laboratory Animals</i> , <b>2010</b> , 44, 170-5	2.6	203
50	DHA and cholesterol containing diets influence Alzheimer-like pathology, cognition and cerebral vasculature in APP <sup>swE</sup> /PS1 <sup>dE9</sup> mice. <i>Neurobiology of Disease</i> , <b>2009</b> , 33, 482-98	7.5	140
49	GRADE: Assessing the quality of evidence in environmental and occupational health. <i>Environment International</i> , <b>2016</b> , 92-93, 611-6	12.9	136
48	Ischemic preconditioning in the animal kidney, a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2012</b> , 7, e32296	3.7	132
47	Progress in using systematic reviews of animal studies to improve translational research. <i>PLoS Medicine</i> , <b>2013</b> , 10, e1001482	11.6	118
46	Changes in cerebral blood volume and amyloid pathology in aged Alzheimer APP/PS1 mice on a docosahexaenoic acid (DHA) diet or cholesterol enriched Typical Western Diet (TWD). <i>Neurobiology of Disease</i> , <b>2007</b> , 28, 16-29	7.5	112
45	The effects of long-term omega-3 fatty acid supplementation on cognition and Alzheimer's pathology in animal models of Alzheimer's disease: a systematic review and meta-analysis. <i>Journal of Alzheimer's Disease</i> , <b>2012</b> , 28, 191-209	4.3	108
44	A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies. <i>Evidence-based Preclinical Medicine</i> , <b>2015</b> , 2, e00007		107
43	A step-by-step guide to systematically identify all relevant animal studies. <i>Laboratory Animals</i> , <b>2012</b> , 46, 24-31	2.6	102
42	Meta-analyses of animal studies: an introduction of a valuable instrument to further improve healthcare. <i>ILAR Journal</i> , <b>2014</b> , 55, 418-26	1.7	85
41	Amyloid beta deposition is related to decreased glucose transporter-1 levels and hippocampal atrophy in brains of aged APP/PS1 mice. <i>Brain Research</i> , <b>2007</b> , 1181, 93-103	3.7	84
40	A search filter for increasing the retrieval of animal studies in Embase. <i>Laboratory Animals</i> , <b>2011</b> , 45, 268-70	2.6	76
39	Fatty acids, lipid metabolism and Alzheimer pathology. <i>European Journal of Pharmacology</i> , <b>2008</b> , 585, 176-96	5.3	71
38	Updated version of the Embase search filter for animal studies. <i>Laboratory Animals</i> , <b>2014</b> , 48, 88	2.6	66
37	Facilitating healthcare decisions by assessing the certainty in the evidence from preclinical animal studies. <i>PLoS ONE</i> , <b>2018</b> , 13, e0187271	3.7	51

36	The effects of probiotic supplementation on experimental acute pancreatitis: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2012</b> , 7, e48811	3.7	46
35	Improving planning, design, reporting and scientific quality of animal experiments by using the Gold Standard Publication Checklist, in addition to the ARRIVE guidelines. <i>British Journal of Pharmacology</i> , <b>2011</b> , 162, 1259-60	8.6	37
34	Determinants of the Efficacy of Cardiac Ischemic Preconditioning: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS ONE</i> , <b>2015</b> , 10, e0142021	3.7	32
33	A systematic review and meta-analysis of the ability of analgesic drugs to reduce metastasis in experimental cancer models. <i>Pain</i> , <b>2015</b> , 156, 1835-1844	8	28
32	A systematic summary and comparison of animal models for chemotherapy induced (peripheral) neuropathy (CIPN). <i>PLoS ONE</i> , <b>2019</b> , 14, e0221787	3.7	27
31	The protective effect of meniscus allograft transplantation on articular cartilage: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , <b>2015</b> , 23, 1242-53	6.2	27
30	Maternal obesity in pregnancy impacts offspring cardiometabolic health: Systematic review and meta-analysis of animal studies. <i>Obesity Reviews</i> , <b>2019</b> , 20, 675-685	10.6	27
29	A combined pre-clinical meta-analysis and randomized confirmatory trial approach to improve data validity for therapeutic target validation. <i>Scientific Reports</i> , <b>2015</b> , 5, 13428	4.9	26
28	Remyelination promoting therapies in multiple sclerosis animal models: a systematic review and meta-analysis. <i>Scientific Reports</i> , <b>2019</b> , 9, 822	4.9	25
27	Renal Perfusion and Function during Pneumoperitoneum: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS ONE</i> , <b>2016</b> , 11, e0163419	3.7	22
26	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2019</b> , 98, 107-121	9	22
25	lbgaine and addiction in the animal model, a systematic review and meta-analysis. <i>Translational Psychiatry</i> , <b>2016</b> , 6, e826	8.6	21
24	The Gold Standard Publication Checklist (GSPC) for improved design, reporting and scientific quality of animal studies GSPC versus ARRIVE guidelines. <i>Laboratory Animals</i> , <b>2011</b> , 45, 61	2.6	20
23	A Systematic Review of the Modifying Effect of Anaesthetic Drugs on Metastasis in Animal Models for Cancer. <i>PLoS ONE</i> , <b>2016</b> , 11, e0156152	3.7	17
22	Adaptive changes of mesenteric arteries in pregnancy: a meta-analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2012</b> , 303, H639-57	5.2	16
21	Effects of hyperoxia on vascular tone in animal models: systematic review and meta-analysis. <i>Critical Care</i> , <b>2018</b> , 22, 189	10.8	14
20	Towards evidence-based translational research: the pros and cons of conducting systematic reviews of animal studies. <i>ALTEX: Alternatives To Animal Experimentation</i> , <b>2013</b> , 30, 256-7	4.3	14
19	S-adenosylmethionine and S-adenosylhomocysteine levels in the aging brain of APP/PS1 Alzheimer mice. <i>Neurological Sciences</i> , <b>2009</b> , 30, 439-45	3.5	13

18	Efficacy of Soiled Bedding Transfer for Transmission of Mouse and Rat Infections to Sentinels: A Systematic Review. <i>PLoS ONE</i> , <b>2016</b> , 11, e0158410	3.7	13
17	Topical Host-Modulating Therapy for Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Tissue Engineering - Part B: Reviews</i> , <b>2019</b> , 25, 526-543	7.9	8
16	Stem Cells as Therapy for Necrotizing Enterocolitis: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Frontiers in Pediatrics</i> , <b>2020</b> , 8, 578984	3.4	6
15	A Systematic Review on Transplantation Studies of the Retinal Pigment Epithelium in Animal Models. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
14	The effect of analgesics on stimulus evoked pain-like behaviour in animal models for chemotherapy induced peripheral neuropathy- a meta-analysis. <i>Scientific Reports</i> , <b>2019</b> , 9, 17549	4.9	4
13	Comparison of drug efficacy in two animal models of type 2 diabetes: A systematic review and meta-analysis. <i>European Journal of Pharmacology</i> , <b>2020</b> , 879, 173153	5.3	3
12	Animal experimental research assessing urogynecologic surgical mesh implants: Outcome measures describing the host response, a systematic review and meta-analysis. <i>Neurourology and Urodynamics</i> , <b>2021</b> , 40, 1107-1119	2.3	3
11	The protective effect of anterior cruciate ligament reconstruction on articular cartilage: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , <b>2019</b> , 27, 219-229	6.2	3
10	Efficacy of ketamine in relieving neuropathic pain: a systematic review and meta-analysis of animal studies. <i>Pain</i> , <b>2021</b> , 162, 2320-2330	8	3
9	Effects of Radiofrequency Electromagnetic Field (RF-EMF) exposure on male fertility and pregnancy and birth outcomes: Protocols for a systematic review of experimental studies in non-human mammals and in human sperm exposed in vitro. <i>Environment International</i> , <b>2021</b> , 157, 106806	12.9	3
8	Developing a database of systematic reviews of animal studies. <i>Regulatory Toxicology and Pharmacology</i> , <b>2021</b> , 123, 104940	3.4	2
7	The effects of oestrogen on vaginal wound healing: A systematic review and meta-analysis. <i>Neurourology and Urodynamics</i> , <b>2021</b> ,	2.3	1
6	Pulmonary valve tissue engineering strategies in large animal models. <i>PLoS ONE</i> , <b>2021</b> , 16, e0258046	3.7	1
5	Animal studies for the evaluation of in situ tissue-engineered vascular grafts - a systematic review, evidence map, and meta-analysis.. <i>Npj Regenerative Medicine</i> , <b>2022</b> , 7, 17	15.8	1
4	The effect of macrophage-targeted interventions on blood pressure - a systematic review and meta-analysis of preclinical studies. <i>Translational Research</i> , <b>2021</b> , 230, 123-138	11	0
3	Laboratory animals search filter for different literature databases: PubMed, Embase, Web of Science and PsycINFO. <i>Laboratory Animals</i> , <b>2021</b> , 236772211045485	2.6	0
2	Nerve recovery from treatment with a vascularized nerve graft compared to an autologous non-vascularized nerve graft in animal models: A systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2021</b> , 16, e0252250	3.7	0
1	The usefulness of systematic reviews of animal studies: shooting the messenger. <i>Paediatric Anaesthesia</i> , <b>2016</b> , 26, 852-3	1.8	

