

Carlijn R Hooijmans

List of Publications by Year in descending order

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Version: 2024-02-01

56
papers

5,262
citations

185998

28
h-index

155451

55
g-index

60
all docs

60
docs citations

60
times ranked

7172
citing authors

#	ARTICLE	IF	CITATIONS
1	SYRCLE's risk of bias tool for animal studies. BMC Medical Research Methodology, 2014, 14, 43.	1.4	2,065
2	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. ATLA Alternatives To Laboratory Animals, 2010, 38, 167-182.	0.7	261
3	Enhancing search efficiency by means of a search filter for finding all studies on animal experimentation in PubMed. Laboratory Animals, 2010, 44, 170-175.	0.5	259
4	GRADE: Assessing the quality of evidence in environmental and occupational health. Environment International, 2016, 92-93, 611-616.	4.8	194
5	A protocol format for the preparation, registration and publication of systematic reviews of animal intervention studies. Evidence-based Preclinical Medicine, 2015, 2, 1-9.	0.9	192
6	DHA and cholesterol containing diets influence Alzheimer-like pathology, cognition and cerebral vasculature in APP ^{swE} /PS1 ^{dE9} mice. Neurobiology of Disease, 2009, 33, 482-498.	2.1	161
7	Progress in Using Systematic Reviews of Animal Studies to Improve Translational Research. PLoS Medicine, 2013, 10, e1001482.	3.9	153
8	A step-by-step guide to systematically identify all relevant animal studies. Laboratory Animals, 2012, 46, 24-31.	0.5	152
9	Ischemic Preconditioning in the Animal Kidney, a Systematic Review and Meta-Analysis. PLoS ONE, 2012, 7, e32296.	1.1	151
10	Meta-Analyses of Animal Studies: An Introduction of a Valuable Instrument to Further Improve Healthcare. ILAR Journal, 2014, 55, 418-426.	1.8	138
11	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). Neurobiology of Disease, 2007, 28, 16-29.	2.1	130
12	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. Journal of Alzheimer's Disease, 2012, 28, 191-209.	1.2	125
13	Amyloid beta deposition is related to decreased glucose transporter-1 levels and hippocampal atrophy in brains of aged APP/PS1 mice. Brain Research, 2007, 1181, 93-103.	1.1	107
14	Fatty acids, lipid metabolism and Alzheimer pathology. European Journal of Pharmacology, 2008, 585, 176-196.	1.7	94
15	A search filter for increasing the retrieval of animal studies in Embase. Laboratory Animals, 2011, 45, 268-270.	0.5	93
16	Facilitating healthcare decisions by assessing the certainty in the evidence from preclinical animal studies. PLoS ONE, 2018, 13, e0187271.	1.1	87
17	Letter to the Editor. Laboratory Animals, 2014, 48, 88-88.	0.5	84
18	The Effects of Probiotic Supplementation on Experimental Acute Pancreatitis: A Systematic Review and Meta-Analysis. PLoS ONE, 2012, 7, e48811.	1.1	60

#	ARTICLE	IF	CITATIONS
19	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> , 2011, 162, 1259-1260.	2.7	51
20	Remyelination promoting therapies in multiple sclerosis animal models: a systematic review and meta-analysis. <i>Scientific Reports</i> , 2019, 9, 822.	1.6	46
21	A systematic summary and comparison of animal models for chemotherapy induced (peripheral) neuropathy (CIPN). <i>PLoS ONE</i> , 2019, 14, e0221787.	1.1	45
22	Maternal obesity in pregnancy impacts offspring cardiometabolic health: Systematic review and meta-analysis of animal studies. <i>Obesity Reviews</i> , 2019, 20, 675-685.	3.1	43
23	l-bogaine and addiction in the animal model, a systematic review and meta-analysis. <i>Translational Psychiatry</i> , 2016, 6, e826-e826.	2.4	42
24	A systematic review and meta-analysis of the ability of analgesic drugs to reduce metastasis in experimental cancer models. <i>Pain</i> , 2015, 156, 1835-1844.	2.0	36
25	Determinants of the Efficacy of Cardiac Ischemic Preconditioning: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS ONE</i> , 2015, 10, e0142021.	1.1	36
26	The protective effect of meniscus allograft transplantation on articular cartilage: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , 2015, 23, 1242-1253.	0.6	34
27	The link between maternal obesity and offspring neurobehavior: A systematic review of animal experiments. <i>Neuroscience and Biobehavioral Reviews</i> , 2019, 98, 107-121.	2.9	31
28	A combined pre-clinical meta-analysis and randomized confirmatory trial approach to improve data validity for therapeutic target validation. <i>Scientific Reports</i> , 2015, 5, 13428.	1.6	30
29	Renal Perfusion and Function during Pneumoperitoneum: A Systematic Review and Meta-Analysis of Animal Studies. <i>PLoS ONE</i> , 2016, 11, e0163419.	1.1	28
30	A Systematic Review of the Modifying Effect of Anaesthetic Drugs on Metastasis in Animal Models for Cancer. <i>PLoS ONE</i> , 2016, 11, e0156152.	1.1	27
31	The Gold Standard Publication Checklist (GSPC) for improved design, reporting and scientific quality of animal studies GSPC versus ARRIVE guidelines. <i>Laboratory Animals</i> , 2011, 45, 61-61.	0.5	24
32	Effects of hyperoxia on vascular tone in animal models: systematic review and meta-analysis. <i>Critical Care</i> , 2018, 22, 189.	2.5	24
33	Efficacy of Soiled Bedding Transfer for Transmission of Mouse and Rat Infections to Sentinels: A Systematic Review. <i>PLoS ONE</i> , 2016, 11, e0158410.	1.1	23
34	Towards evidence-based translational research: The pros and cons of conducting systematic reviews of animal studies. <i>ALTEX: Alternatives To Animal Experimentation</i> , 2013, 30, 256-257.	0.9	21
35	Adaptive changes of mesenteric arteries in pregnancy: a meta-analysis. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 303, H639-H657.	1.5	20
36	A Systematic Review on Transplantation Studies of the Retinal Pigment Epithelium in Animal Models. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2719.	1.8	19

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37	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> , 2021, 157, 106806.	4.8	17
38	Stem Cells as Therapy for Necrotizing Enterocolitis: A Systematic Review and Meta-Analysis of Preclinical Studies. <i>Frontiers in Pediatrics</i> , 2020, 8, 578984.	0.9	15
39	Efficacy of ketamine in relieving neuropathic pain: a systematic review and meta-analysis of animal studies. <i>Pain</i> , 2021, 162, 2320-2330.	2.0	15
40	S-adenosylmethionine and S-adenosylhomocysteine levels in the aging brain of APP/PS1 Alzheimer mice. <i>Neurological Sciences</i> , 2009, 30, 439-445.	0.9	14
41	Topical Host-Modulating Therapy for Periodontal Regeneration: A Systematic Review and Meta-Analysis. <i>Tissue Engineering - Part B: Reviews</i> , 2019, 25, 526-543.	2.5	11
42	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> , 2019, 9, 17549.	1.6	11
43	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
44	The effects of oestrogen on vaginal wound healing: A systematic review and meta-analysis. <i>Neurourology and Urodynamics</i> , 2022, 41, 115-126.	0.8	11
45	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> , 2022, 7, 17.	2.5	10
46	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> , 2021, 40, 1107-1119.	0.8	8
47	The protective effect of anterior cruciate ligament reconstruction on articular cartilage: a systematic review of animal studies. <i>Osteoarthritis and Cartilage</i> , 2019, 27, 219-229.	0.6	6
48	Comparison of drug efficacy in two animal models of type 2 diabetes: A systematic review and meta-analysis. <i>European Journal of Pharmacology</i> , 2020, 879, 173153.	1.7	6
49	Pulmonary valve tissue engineering strategies in large animal models. <i>PLoS ONE</i> , 2021, 16, e0258046.	1.1	6
50	Developing a database of systematic reviews of animal studies. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 123, 104940.	1.3	4
51	Systematic Evaluation of Spinal Cord Injury Animal Models in the Field of Biomaterials. <i>Tissue Engineering - Part B: Reviews</i> , 2021, , .	2.5	3
52	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> , 2021, 16, e0252250.	1.1	3
53	The effect of macrophage-targeted interventions on blood pressure – a systematic review and meta-analysis of preclinical studies. <i>Translational Research</i> , 2021, 230, 123-138.	2.2	2
54	Assessment of key characteristics, methodology, and effect size measures used in meta-analysis of human-health-related animal studies. <i>Research Synthesis Methods</i> , 0, , .	4.2	2

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55	Dietary lipids influence spatial memory, cerebral blood volume and amyloid pathology in the APP/PS1 mouse model of Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2009, 283, 288.	0.3	1
56	The usefulness of systematic reviews of animal studies: shooting the messenger. <i>Paediatric Anaesthesia</i> , 2016, 26, 852-853.	0.6	0