

Recovering *The Principles of Humane Experimental*

Science Technology and Human Values

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Science, Culture, and Care in Laboratory Animal Research. <i>Science Technology and Human Values</i> , 2018, 43, 603-621.	1.7	85
2	Responsibility and Laboratory Animal Research Governance. <i>Science Technology and Human Values</i> , 2018, 43, 723-741.	1.7	40
3	“Interested Methods” and “Versions of Pragmatism”. <i>Science Technology and Human Values</i> , 2018, 43, 748-755.	1.7	3
4	Inappropriate modeling of chronic and complex disorders: How to reconsider the approach in the context of predictive, preventive and personalized medicine, and translational medicine. <i>EPMA Journal</i> , 2019, 10, 195-209.	3.3	21
5	Living collections: care and curation at <i>Drosophila</i> stock centres. <i>BJHS Themes</i> , 2019, 4, 123-147.	0.3	6
6	Protective effects of aqueous extracts of some honeys against HCl/ethanol-induced gastric ulceration in rats. <i>Journal of Food Biochemistry</i> , 2019, 43, e13054.	1.2	15
7	Cultures of care? Animals and science in Britain. <i>British Journal of Sociology</i> , 2019, 70, 2042-2069.	0.8	7
8	Charcot's paradox. <i>Arquivos De Neuro-Psiquiatria</i> , 2019, 77, 590-593.	0.3	3
9	Verification and monitoring of visceral leishmaniasis in hamsters caused by <i>Leishmania infantum</i> , using non-invasive approaches involving ultrasound imaging and blood gases. <i>Experimental Parasitology</i> , 2019, 201, 78-89.	0.5	3
10	A Hierarchy of Deaths: Stem Cells, Animals and Humans Understood by Developmental Biologists. <i>Science As Culture</i> , 2019, 28, 492-512.	2.4	0
11	Mechanism of isoniazid-induced hepatotoxicity in zebrafish larvae: Activation of ROS-mediated ERS, apoptosis and the Nrf2 pathway. <i>Chemosphere</i> , 2019, 227, 541-550.	4.2	104
12	The Emergence and Early Fate of the Three Rs Concept. <i>ATLA Alternatives To Laboratory Animals</i> , 2019, 47, 214-220.	0.7	8
13	Detection of live <i>M. bovis</i> BCG in tissues and IFN- γ responses in European badgers (<i>Meles meles</i>) vaccinated by oropharyngeal instillation or directly in the ileum. <i>BMC Veterinary Research</i> , 2019, 15, 445.	0.7	15
14	Examining compliance with ethical standards for animal research: is there a need for refinement? A qualitative study from northern Europe. <i>Laboratory Animals</i> , 2020, 54, 183-191.	0.5	2
15	Noninvasive Near-Infrared Fluorescence Imaging of the Ureter During Robotic Surgery: A Demonstration in a Porcine Model. <i>Journal of Laparoendoscopic and Advanced Surgical Techniques - Part A</i> , 2020, 30, 962-966.	0.5	7
16	In vivo High-Content Screening in Zebrafish for Developmental Nephrotoxicity of Approved Drugs. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 583.	1.8	15
17	Combination Therapy Using Kartogenin-Based Chondrogenesis and Complex Polymer Scaffold for Cartilage Defect Regeneration. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 6276-6284.	2.6	16
18	Setting the standard: multidisciplinary hallmarks for structural, equitable and tracked antibiotic policy. <i>BMJ Global Health</i> , 2020, 5, e003091.	2.0	47

#	ARTICLE	IF	CITATIONS
19	Why Should Biologists Care about the Philosophy of Science?. , 2020, , 1-20.		1
20	What Constitutes an Explanation in Biology?. , 2020, , 21-35.		2
21	What Is Biological Knowledge?. , 2020, , 36-54.		1
22	What Is the Nature of Theories and Models in Biology?. , 2020, , 55-78.		1
23	How Are Biology Concepts Used and Transformed?. , 2020, , 79-101.		6
24	How Do Concepts Contribute to Scientific Advancement?. , 2020, , 123-145.		1
25	How Can Conceptual Analysis Contribute to Scientific Practice?. , 2020, , 146-167.		2
26	What Methods Do Life Scientists Use?. , 2020, , 168-192.		0
27	Is It Possible to Scientifically Reconstruct the History of Life on Earth?. , 2020, , 193-215.		18
28	What Is the Basis of Biological Classification?. , 2020, , 216-234.		1
29	What Is the Nature of Scientific Controversies in the Biological Sciences?. , 2020, , 235-254.		1
30	What Is the Relation between Facts and Values in Biological Science?. , 2020, , 255-274.		1
31	Why Does It Matter That Many Biology Concepts Are Metaphors?. , 2020, , 102-122.		2
32	A Philosopher in the Age of Creationism. , 2020, , 275-298.		1
33	How Can We Teach Philosophy of Science to Biologists?. , 2020, , 299-312.		0
37	Atlantic Horseshoe Crabs and Endotoxin Testing: Perspectives on Alternatives, Sustainable Methods, and the 3Rs (Replacement, Reduction, and Refinement). <i>Frontiers in Marine Science</i> , 2020, 7, .	1.2	12
38	Animal research nexus: a new approach to the connections between science, health and animal welfare. <i>Medical Humanities</i> , 2020, 46, 499-511.	0.6	21
39	Menadione reduces <i>CDC25B</i> expression and promotes tumor shrinkage in gastric cancer. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628481989543.	1.4	8

#	ARTICLE	IF	CITATIONS
40	E Pluribus Octo – Building Consensus on Standards of Care and Experimentation in Cephalopod Research; a Historical Outlook. <i>Frontiers in Physiology</i> , 2020, 11, 645.	1.3	8
41	Generation and Characterization of a Dual-Reporter Transgenic <i>Leishmania braziliensis</i> Line Expressing eGFP and Luciferase. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 9, 468.	1.8	4
42	A starting kit for training and establishing in vivo electrophysiology, intracranial pharmacology, and optogenetics. <i>Journal of Neuroscience Methods</i> , 2020, 336, 108636.	1.3	2
43	Particulate matter (PM10) induces cardiovascular developmental toxicity in zebrafish embryos and larvae via the ERS, Nrf2 and Wnt pathways. <i>Chemosphere</i> , 2020, 250, 126288.	4.2	28
44	Use of a jugular vein model for the instruction of equine intravenous catheter placement by third- and fourth-year veterinary students. <i>Equine Veterinary Education</i> , 2021, 33, 249-254.	0.3	2
45	Live Tissue Training on Anesthetized Pigs for Air Ambulance Crews. <i>Air Medical Journal</i> , 2021, 40, 60-64.	0.3	1
46	Extended liver resection in mice: state of the art and pitfalls – a systematic review. <i>European Journal of Medical Research</i> , 2021, 26, 6.	0.9	3
47	Historical evolution of spheroids and organoids, and possibilities of use in life sciences and medicine. <i>Biotechnology Journal</i> , 2021, 16, e2000463.	1.8	44
48	Incorporation of a Poly- ϵ -Caprolactone Scaffold in a Circular Stapled End-To-End Small Intestine Anastomosis Does Not Have Any Adverse Effects Within 30 Days: A Study in Piglets. <i>Surgical Innovation</i> , 2021, 28, 679-687.	0.4	1
49	Responsible research and innovation meets multispecies studies: why RRI needs to be a more-than-human exercise. <i>Journal of Responsible Innovation</i> , 2021, 8, 261-266.	2.3	13
50	Influence of intraoperative vasopressor use on indocyanine green fluorescence angiography: first evaluation in an experimental model. <i>Scientific Reports</i> , 2021, 11, 9650.	1.6	4
51	Herb-partitioned moxibustion alleviates colonic inflammation in Crohn's disease rats by inhibiting hyperactivation of the NLRP3 inflammasome via regulation of the P2X7R-Pannexin-1 signaling pathway. <i>PLoS ONE</i> , 2021, 16, e0252334.	1.1	11
52	Implication of RAS in Postnatal Cardiac Remodeling, Fibrosis and Dysfunction Induced by Fetal Undernutrition. <i>Pathophysiology</i> , 2021, 28, 273-290.	1.0	4
53	Is the Synthetic Fungicide Fosetyl-Al Safe for the Ecotoxicological Models <i>Danio rerio</i> and <i>Enchytraeus crypticus</i> ?. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 7209.	1.3	9
54	The sheep as a pre-clinical model for testing intra-aortic percutaneous mechanical circulatory support devices. <i>International Journal of Artificial Organs</i> , 2021, 44, 703-710.	0.7	3
55	Locomotion is impacted differently according to the perinatal brain injury model: Meta-analysis of preclinical studies with implications for cerebral palsy. <i>Journal of Neuroscience Methods</i> , 2021, 360, 109250.	1.3	10
56	Physicochemical and Functional Characterization of Female Reproductive Fluids: A Report of the First Two Infants Born Following Addition of Their Mother's Fluids to the Embryo Culture Media. <i>Frontiers in Physiology</i> , 2021, 12, 710887.	1.3	3
57	Faecal Cortisol Metabolites as an Indicator of Adrenocortical Activity in Farmed Blue Foxes. <i>Animals</i> , 2021, 11, 2631.	1.0	0

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58	Locating the "culture wars"™ in laboratory animal research: national constitutions and global competition. <i>Studies in History and Philosophy of Science Part A</i> , 2021, 89, 177-187.	0.6	6
59	Fish inventory databases. , 2022, , 421-434.		0
60	Animals Used in Experimental Pharmacology and 3 Rs. <i>Pharmacophore</i> , 2021, 12, 1-7.	0.2	2
62	Computed Tomography-based evaluation of porcine cardiac dimensions to assist in pre-study planning and optimized model selection for pre-clinical research. <i>Scientific Reports</i> , 2020, 10, 6020.	1.6	9
64	Puerarin inhibits apoptosis and inflammation in myocardial cells via PPAR α expression in rats with chronic heart failure. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 3347-3356.	0.8	14
65	Nanoparticle Food Applications and Their Toxicity: Current Trends and Needs in Risk Assessment Strategies. <i>Journal of Food Protection</i> , 2022, 85, 355-372.	0.8	9
66	Use of in vitro metabolomics in NRK cells to help predicting nephrotoxicity and differentiating the MoA of nephrotoxicants. <i>Toxicology Letters</i> , 2021, 353, 43-59.	0.4	5
67	Management of the welfare of experimental fish. <i>Derecho Animal</i> , 2019, 10, 67.	0.1	0
68	Evaluating the Scientific Uses of Animals: A Virtue-Consequentialist Approach for Harm/Benefit Analyses. <i>Journal of Applied Animal Ethics Research</i> , 2020, 2, 193-215.	0.2	2
69	Science, sensitivity and the sociozoological scale: Constituting and complicating the human-animal boundary at the 1875 Royal Commission on Vivisection and beyond. <i>Studies in History and Philosophy of Science Part A</i> , 2021, 90, 194-207.	0.6	3
70	Assessment of Biocompatibility and Vascular Effects of Polymeric Materials Using Chick Chorioallantoic Membrane, an Alternative Method. <i>Macromolecular Symposia</i> , 2020, 394, 2000046.	0.4	0
71	Novel protocol for the isolation of highly purified neonatal murine microglia and astrocytes. <i>Journal of Neuroscience Methods</i> , 2022, 366, 109420.	1.3	7
72	Attitudes in China, Japan, and the Netherlands toward the Use of Animals in Medical Research. <i>Anthrozoos</i> , 0, , 1-14.	0.7	2
73	Zebrafish Beyond the Bench: The "Plataforma Zebrafish Open Doors"™ Programme. <i>ATLA Alternatives To Laboratory Animals</i> , 2021, 49, 175-181.	0.7	1
74	A nonhuman primate model of vertical sleeve gastrectomy facilitates mechanistic and translational research in human obesity. <i>iScience</i> , 2021, 24, 103421.	1.9	2
75	How CRISPR/Cas9 Gene Editing Is Revolutionizing T Cell Research. <i>DNA and Cell Biology</i> , 2022, 41, 53-57.	0.9	1
76	Multiparametric Material Functionality of Microtissue-Based In Vitro Models as Alternatives to Animal Testing. <i>Advanced Science</i> , 2022, 9, e2105319.	5.6	6
77	Pathophysiological Effects of <i>Lycosa erythrognatha</i> Derived Peptide LyeTxI-b on RKO-AS-45-1 Colorectal Carcinoma Cell Line Using the Chicken Chorioallantoic Membrane Model. <i>International Journal of Peptide Research and Therapeutics</i> , 2022, 28, 1.	0.9	1

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78	Procedural Care: Licensing Practices in Animal Research. <i>Science As Culture</i> , 2022, 31, 235-255.	2.4	1
80	In Vivo Evaluation of Mechanically Processed Stromal Vascular Fraction in a Chamber Vascularized by an Arteriovenous Shunt. <i>Pharmaceutics</i> , 2022, 14, 417.	2.0	4
81	In Vitro–In Silico Modeling of Caffeine and Diclofenac Permeation in Static and Fluidic Systems with a 16HBE Lung Cell Barrier. <i>Pharmaceutics</i> , 2022, 15, 250.	1.7	1
82	Investigating 3R In Vivo Approaches for Bio–Distribution and Efficacy Evaluation of Nucleic Acid Nanocarriers: Studies on Peptide–Mimicking Ionizable Lipid. <i>Small</i> , 2022, , 2107768.	5.2	1
83	Determination of Sr ²⁺ mobility in viscous bovine bone marrow by cryo–time–of–flight secondary ion mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9300.	0.7	2
84	Governance, expertise, and the “culture of care™: The changing constitutions of laboratory animal research in Britain, 1876–2000. <i>Studies in History and Philosophy of Science Part A</i> , 2022, 93, 107-122.	0.6	4
85	Nanoantibiotics to fight multidrug resistant infections by Gram-positive bacteria: hope or reality?. <i>Biotechnology Advances</i> , 2022, 57, 107948.	6.0	23
86	Platelet-lymphocyte co-culture serves as an ex vivo platform of dynamic heterotypic cross-talk. <i>Journal of Cell Communication and Signaling</i> , 2022, 16, 661-675.	1.8	1
98	Recapitulation of Retinal Damage in Zebrafish Larvae Infected with Zika Virus. <i>Cells</i> , 2022, 11, 1457.	1.8	5
99	A Low-fidelity Simulator for the Development of Vascular Ligation Skills. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, , 026119292210966.	0.7	2
100	Evaluation of a Low-cost Renal Simulator for the Diagnostic Ultrasound Training of Veterinary Medicine Students. <i>ATLA Alternatives To Laboratory Animals</i> , 2022, , 026119292211016.	0.7	1
101	Evaluating blood-brain barrier disruption and infarction volume concurrently in rats subjected to ischemic stroke using an optical imaging system. <i>Journal of Neuroscience Methods</i> , 2022, 378, 109630.	1.3	2
102	The sentience shift in animal research. <i>New Bioethics</i> , 2022, 28, 299-314.	0.5	13
103	Fracture hematoma micro-architecture influences transcriptional profile and plays a crucial role in determining bone healing outcomes. , 2022, 139, 213027.		8
104	Human Umbilical Cord Lining-Derived Epithelial Cells: A Potential Source of Non-Native Epithelial Cells That Accelerate Healing in a Porcine Cutaneous Wound Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8918.	1.8	2
105	The principle of the 3Rs between aspiration and reality. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	5
106	A novel soft cardiac assist device based on a dielectric elastomer augmented aorta: An in vivo study. <i>Bioengineering and Translational Medicine</i> , 2023, 8, .	3.9	4
107	Angle-stable interlocking nailing in a canine critical-sized femoral defect model for bone regeneration studies: In pursuit of the principle of the 3R™s. <i>Frontiers in Bioengineering and Biotechnology</i> , 0, 10, .	2.0	2

#	ARTICLE	IF	CITATIONS
108	Dos and don'ts in large animal models of aortic insufficiency. <i>Frontiers in Veterinary Science</i> , 0, 9, .	0.9	0
109	Towards a Mechanistic Model of Tau-Mediated Pathology in Tauopathies: What Can We Learn from Cell-Based In Vitro Assays?. <i>International Journal of Molecular Sciences</i> , 2022, 23, 11527.	1.8	4
110	Production and characterization of a murine anti-dal monoclonal antibody for blood typing in dogs. <i>Veterinary Immunology and Immunopathology</i> , 2022, 254, 110516.	0.5	1
111	The Cold Futures of Mouse Genetics: Modes of Strain Cryopreservation Since the 1970s. <i>Science Technology and Human Values</i> , 2023, 48, 727-751.	1.7	1
112	Animal research, ethical boundary work, and the geographies of veterinary expertise. <i>Transactions of the Institute of British Geographers</i> , 2023, 48, 491-505.	1.8	3
113	A Review of the Ethical Use of Animals in Functional Experimental Research in China Based on the "Four R" Principles of Reduction, Replacement, Refinement, and Responsibility. <i>Medical Science Monitor</i> , 0, 29, .	0.5	1
115	Central Venous Waveform Analysis and Cardiac Output in a Porcine Model of Endotoxemic Hypotension and Resuscitation. <i>Journal of the American College of Surgeons</i> , 2023, 236, 294-304.	0.2	1
116	Two Worlds in One: What "Counts" as Animal Advocacy for Veterinarians Working in UK Animal Research?. <i>Animals</i> , 2023, 13, 776.	1.0	1
117	Dental implants in large animal models with experimental systemic diseases: A systematic review. <i>Laboratory Animals</i> , 0, , 002367722211249.	0.5	0
118	Therapeutic effects of atorvastatin on doxorubicin-induced hepatotoxicity in rats via antioxidative damage, anti-inflammatory, and anti-lipotoxicity. <i>Journal of Biochemical and Molecular Toxicology</i> , 2023, 37, .	1.4	4
119	Zebrafish in Drug Discovery: Safety Assessment. , 2022, , 1-21.		0
120	Recent Options and Techniques to Assess Improved Bioavailability: In Vitro and Ex Vivo Methods. <i>Pharmaceutics</i> , 2023, 15, 1146.	2.0	6
121	Validation of portable electronic equipment (Accutrend® Plus) to determine glucose, total cholesterol, and triglycerides in rats (<i>Rattus</i>) and dogs (<i>Canis lupus familiaris</i>). <i>Journal of Advanced Veterinary and Animal Research</i> , 2023, 10, 57.	0.5	1
123	Status assessment and opportunities for improving fish welfare in animal experimental research according to the 3R-Guidelines. <i>Reviews in Fish Biology and Fisheries</i> , 2023, 33, 1075-1093.	2.4	3
131	Species Selection for Pharmaceutical Toxicity Studies. , 2023, , 1-31.		0