

Gilbert Schönfelder

List of Publications by Year in descending order

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Version: 2024-02-01

58
papers

3,834
citations

257101

24
h-index

143772

57
g-index

67
all docs

67
docs citations

67
times ranked

4742
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative high-throughput phenotypic screening for environmental estrogens using the E-Morph Screening Assay in combination with in silico predictions. <i>Environment International</i> , 2022, 158, 106947.	4.8	5
2	Declaration of common standards for the preregistration of animal research – speeding up the scientific progress. , 2022, 1, .		4
3	25th anniversary of the Berlin workshop on developmental toxicology: DevTox database update, challenges in risk assessment of developmental neurotoxicity and alternative methodologies in bone development and growth. <i>Reproductive Toxicology</i> , 2021, 100, 155-162.	1.3	8
4	Ensuring Reproducible Research Requires a Support Infrastructure: The Value of Public Registries to Publishers. , 2021, , 4-7.	0.0	0
5	The E-Morph Assay: Identification and characterization of environmental chemicals with estrogenic activity based on quantitative changes in cell-cell contact organization of breast cancer cells. <i>Environment International</i> , 2021, 149, 106411.	4.8	7
6	How many animals are used for SARS-CoV-2 research?. <i>EMBO Reports</i> , 2021, 22, e53751.	2.0	6
7	Restoring circadian synchrony in vitro facilitates physiological responses to environmental chemicals. <i>Environment International</i> , 2020, 134, 105265.	4.8	15
8	Estrogens Determine Adherens Junction Organization and E-Cadherin Clustering in Breast Cancer Cells via Amphiregulin. <i>IScience</i> , 2020, 23, 101683.	1.9	14
9	Analgesic treatment with buprenorphine should be adapted to the mouse strain. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172877.	1.3	14
10	Repeatability analysis improves the reliability of behavioral data. <i>PLoS ONE</i> , 2020, 15, e0230900.	1.1	20
11	A quantitative medium-throughput assay to measure <i>Caenorhabditis elegans</i> development and reproduction. <i>STAR Protocols</i> , 2020, 1, 100224.	0.5	4
12	Cut back on surplus laboratory animals. <i>Nature</i> , 2020, 578, 515-515.	13.7	7
13	Rethinking the incentive system in science: animal study registries. <i>EMBO Reports</i> , 2020, 21, e49709.	2.0	4
14	3R-related research funding: Insights from a meeting hosted by the German Centre for the Protection of Laboratory Animals (Bf3R). <i>ALTEX: Alternatives To Animal Experimentation</i> , 2020, 37, 320-323.	0.9	0
15	Next milestone in understanding early life – blastoids mimic embryogenesis in vitro. <i>Biology of Reproduction</i> , 2019, 100, 11-12.	1.2	1
16	Refining animal research: The Animal Study Registry. <i>PLoS Biology</i> , 2019, 17, e3000463.	2.6	39
17	<i>Caenorhabditis elegans</i> As a Promising Alternative Model for Environmental Chemical Mixture Effect Assessment – A Comparative Study. <i>Environmental Science & Technology</i> , 2019, 53, 12725-12733.	4.6	40
18	Workshop on the validation and regulatory acceptance of innovative 3R approaches in regulatory toxicology – Evolution versus revolution. <i>Toxicology in Vitro</i> , 2019, 59, 1-11.	1.1	27

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19	Endocrine Disruptors: Adverse Health Effects Mediated by EGFR?. Trends in Endocrinology and Metabolism, 2018, 29, 69-71.	3.1	12
20	Simple changes of individual studies can improve the reproducibility of the biomedical scientific process as a whole. PLoS ONE, 2018, 13, e0202762.	1.1	15
21	Liver lobe and strain differences in the activity of murine cytochrome P450 enzymes. Toxicology, 2018, 404-405, 76-85.	2.0	11
22	A Protocol for Using Gene Set Enrichment Analysis to Identify the Appropriate Animal Model for Translational Research. Journal of Visualized Experiments, 2017, , .	0.2	3
23	The AOP Concept: How Novel Technologies Can Support Development of Adverse Outcome Pathways. Applied in Vitro Toxicology, 2017, 3, 271-277.	0.6	5
24	Rethinking 3R strategies: Digging deeper into AnimalTestInfo promotes transparency in in vivo biomedical research. PLoS Biology, 2017, 15, e2003217.	2.6	17
25	Effect of Omeprazole and Dextromethorphan on the Urinary Metabolic Ratio of Flurbiprofen. Basic and Clinical Pharmacology and Toxicology, 2016, 118, 496-498.	1.2	0
26	Defining the optimal animal model for translational research using gene set enrichment analysis. EMBO Molecular Medicine, 2016, 8, 831-838.	3.3	27
27	An integrative microfluidically supported in vitro model of an endothelial barrier combined with cortical spheroids simulates effects of neuroinflammation in neocortex development. Biomicrofluidics, 2016, 10, 044102.	1.2	22
28	CYP2C9 Genotype vs. Metabolic Phenotype for Individual Drug Dosing – A Correlation Analysis Using Flurbiprofen as Probe Drug. PLoS ONE, 2015, 10, e0120403.	1.1	17
29	German initiative opens up animal data. Nature, 2015, 519, 33-33.	13.7	3
30	Dissecting the genetic predisposition to albuminuria and endothelial dysfunction in a genetic rat model. Journal of Hypertension, 2013, 31, 2203-2212.	0.3	20
31	Genetic variants implicated in telomere length associated with left ventricular function in patients with hypertension and cardiac organ damage. Journal of Molecular Medicine, 2012, 90, 1059-1067.	1.7	12
32	Biomonitoring Studies Should Be Used by Regulatory Agencies to Assess Human Exposure Levels and Safety of Bisphenol A. Environmental Health Perspectives, 2010, 118, 1051-1054.	2.8	102
33	Urinary, Circulating, and Tissue Biomonitoring Studies Indicate Widespread Exposure to Bisphenol A. Environmental Health Perspectives, 2010, 118, 1055-1070.	2.8	1,038
34	The Coordinated P53 and Estrogen Receptor Cis-Regulation at an FLT1 Promoter SNP Is Specific to Genotoxic Stress and Estrogenic Compound. PLoS ONE, 2010, 5, e10236.	1.1	21
35	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. Environmental Health Perspectives, 2009, 117, 309-315.	2.8	268
36	A Single-Nucleotide Polymorphism in a Half-Binding Site Creates p53 and Estrogen Receptor Control of Vascular Endothelial Growth Factor Receptor 1. Molecular and Cellular Biology, 2007, 27, 2590-2600.	1.1	55

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37	Sex steroid receptor evolution and signalling in aquatic invertebrates. <i>Ecotoxicology</i> , 2007, 16, 131-143.	1.1	98
38	Endothelial progenitor cells in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2007, 106, 343-349.	1.1	34
39	A SNP in the flt-1 promoter integrates the VEGF system into the p53 transcriptional network. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1406-1411.	3.3	73
40	Uridine adenosine tetraphosphate: a novel endothelium- derived vasoconstrictive factor. <i>Nature Medicine</i> , 2005, 11, 223-227.	15.2	147
41	Immunomodulator FTY720 Induces eNOS-Dependent Arterial Vasodilatation via the Lysophospholipid Receptor S1P3. <i>Circulation Research</i> , 2005, 96, 913-920.	2.0	116
42	Detection of Angiotensin II in Supernatants of Stimulated Mononuclear Leukocytes by Matrix-Assisted Laser Desorption Ionization Time-of-Flight/Time-of-Flight Mass Analysis. <i>Hypertension</i> , 2005, 46, 591-597.	1.3	27
43	Soluble Vascular Endothelial Growth Factor Receptor-1 (sFLT-1) Mediates Downregulation of FLT-1 and Prevents Activated Neutrophils From Women With Preeclampsia From Additional Migration by VEGF. <i>Circulation Research</i> , 2005, 97, 1253-1261.	2.0	38
44	The biological impact of estrogens on gender differences in congestive heart failure. <i>Cardiovascular Research</i> , 2005, 67, 573-574.	1.8	11
45	Preeclampsia is associated with loss of neuronal nitric oxide synthase expression in vascular smooth muscle cells of the human umbilical cord. <i>Histopathology</i> , 2004, 44, 116-128.	1.6	22
46	Developmental Effects of Prenatal Exposure to Bisphenol A on the Uterus of Rat Offspring. <i>Neoplasia</i> , 2004, 6, 584-594.	2.3	60
47	Nitric oxide in the human hair follicle: constitutive and dihydrotestosterone-induced nitric oxide synthase expression and NO production in dermal papilla cells. <i>Journal of Molecular Medicine</i> , 2003, 81, 110-117.	1.7	33
48	Parent bisphenol A accumulation in the human maternal-fetal-placental unit.. <i>Environmental Health Perspectives</i> , 2002, 110, A703-7.	2.8	344
49	Nitric oxide synthase isoform expression in acute versus chronic anti-Thy 1 nephritis. <i>Kidney International</i> , 2002, 61, 826-833.	2.6	15
50	Parent Bisphenol A Accumulation in the Human Maternal-Fetal-Placental Unit. <i>Environmental Health Perspectives</i> , 2002, 110, a703-a707.	2.8	601
51	â€œNO and Oxyradical Metabolism in New Cell Lines of Rat Brain Capillary Endothelial Cells Forming the Bloodâ€“Brain Barrier. <i>Microvascular Research</i> , 2001, 62, 114-127.	1.1	49
52	Transgenic rats expressing the human ET-2 gene: a model for the study of endothelin actions in vivo. <i>Journal of Molecular Medicine</i> , 1999, 77, 565-574.	1.7	18
53	Phosphorylation of vasodilator-stimulated phosphoprotein: a consequence of nitric oxide- and cGMP-mediated signal transduction in brain capillary endothelial cells and astrocytes. <i>Molecular Brain Research</i> , 1999, 67, 258-266.	2.5	66
54	High Expression of Inducible Nitric Oxide Synthase Correlates with Intestinal Inflammation of Interleukin-2-Deficient Mice. <i>Annals of the New York Academy of Sciences</i> , 1998, 859, 210-215.	1.8	15

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55	Stretch-activated cation channel in human umbilical vein endothelium in normal pregnancy and in preeclampsia. <i>Journal of Hypertension</i> , 1998, 16, 1149-1156.	0.3	24
56	Expression of inducible nitric oxide synthase in placenta of women with gestational diabetes. <i>FASEB Journal</i> , 1996, 10, 777-784.	0.2	73
57	The perivascular contractile sheath of human placental stem villi: Its isolation and characterization. <i>Placenta</i> , 1995, 16, 57-66.	0.7	43
58	The extravascular contractile system in the human placenta. <i>Anatomy and Embryology</i> , 1994, 190, 541-8.	1.5	42