

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	Urinary, Circulating, and Tissue Biomonitoring Studies Indicate Widespread Exposure to Bisphenol A. <i>Environmental Health Perspectives</i> , 2010, 118, 1055-1070.	2.8	1,038
2	Parent Bisphenol A Accumulation in the Human Maternal-Fetal-Placental Unit. <i>Environmental Health Perspectives</i> , 2002, 110, a703-a707.	2.8	601
3	Parent bisphenol A accumulation in the human maternal-fetal-placental unit.. <i>Environmental Health Perspectives</i> , 2002, 110, A703-7.	2.8	344
4	Why Public Health Agencies Cannot Depend on Good Laboratory Practices as a Criterion for Selecting Data: The Case of Bisphenol A. <i>Environmental Health Perspectives</i> , 2009, 117, 309-315.	2.8	268
5	Uridine adenosine tetraphosphate: a novel endothelium- derived vasoconstrictive factor. <i>Nature Medicine</i> , 2005, 11, 223-227.	15.2	147
6	Immunomodulator FTY720 Induces eNOS-Dependent Arterial Vasodilatation via the Lysophospholipid Receptor S1P3. <i>Circulation Research</i> , 2005, 96, 913-920.	2.0	116
7	Biomonitoring Studies Should Be Used by Regulatory Agencies to Assess Human Exposure Levels and Safety of Bisphenol A. <i>Environmental Health Perspectives</i> , 2010, 118, 1051-1054.	2.8	102
8	Sex steroid receptor evolution and signalling in aquatic invertebrates. <i>Ecotoxicology</i> , 2007, 16, 131-143.	1.1	98
9	Expression of inducible nitric oxide synthase in placenta of women with gestational diabetes. <i>FASEB Journal</i> , 1996, 10, 777-784.	0.2	73
10	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
11	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
12	Developmental Effects of Prenatal Exposure to Bisphenol A on the Uterus of Rat Offspring. <i>Neoplasia</i> , 2004, 6, 584-594.	2.3	60
13	A Single-Nucleotide Polymorphism in a Half-Binding Site Creates p53 and Estrogen Receptor Control of Vascular Endothelial Growth Factor Receptor 1. <i>Molecular and Cellular Biology</i> , 2007, 27, 2590-2600.	1.1	55
14	â€œNO and Oxyradical Metabolism in New Cell Lines of Rat Brain Capillary Endothelial Cells Forming the Bloodâ€œBrain Barrier. <i>Microvascular Research</i> , 2001, 62, 114-127.	1.1	49
15	The perivascular contractile sheath of human placental stem villi: Its isolation and characterization. <i>Placenta</i> , 1995, 16, 57-66.	0.7	43
16	The extravascular contractile system in the human placenta. <i>Anatomy and Embryology</i> , 1994, 190, 541-8.	1.5	42
17	<i>Caenorhabditis elegans</i> As a Promising Alternative Model for Environmental Chemical Mixture Effect Assessmentâ€œA Comparative Study. <i>Environmental Science & Technology</i> , 2019, 53, 12725-12733.	4.6	40
18	Refining animal research: The Animal Study Registry. <i>PLoS Biology</i> , 2019, 17, e3000463.	2.6	39

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19	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
20	Endothelial progenitor cells in breast cancer patients. <i>Breast Cancer Research and Treatment</i> , 2007, 106, 343-349.	1.1	34
21	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
22	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
23	Defining the optimal animal model for translational research using gene set enrichment analysis. <i>EMBO Molecular Medicine</i> , 2016, 8, 831-838.	3.3	27
24	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
25	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
26	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
27	An integrative microfluidically supported in vitro model of an endothelial barrier combined with cortical spheroids simulates effects of neuroinflammation in neocortex development. <i>Biomicrofluidics</i> , 2016, 10, 044102.	1.2	22
28	The Coordinated P53 and Estrogen Receptor Cis-Regulation at an FLT1 Promoter SNP Is Specific to Genotoxic Stress and Estrogenic Compound. <i>PLoS ONE</i> , 2010, 5, e10236.	1.1	21
29	Dissecting the genetic predisposition to albuminuria and endothelial dysfunction in a genetic rat model. <i>Journal of Hypertension</i> , 2013, 31, 2203-2212.	0.3	20
30	Repeatability analysis improves the reliability of behavioral data. <i>PLoS ONE</i> , 2020, 15, e0230900.	1.1	20
31	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
32	CYP2C9 Genotype vs. Metabolic Phenotype for Individual Drug Dosing – A Correlation Analysis Using Flurbiprofen as Probe Drug. <i>PLoS ONE</i> , 2015, 10, e0120403.	1.1	17
33	Rethinking 3R strategies: Digging deeper into AnimalTestInfo promotes transparency in in vivo biomedical research. <i>PLoS Biology</i> , 2017, 15, e2003217.	2.6	17
34	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
35	Nitric oxide synthase isoform expression in acute versus chronic anti-Thy 1 nephritis. <i>Kidney International</i> , 2002, 61, 826-833.	2.6	15
36	Simple changes of individual studies can improve the reproducibility of the biomedical scientific process as a whole. <i>PLoS ONE</i> , 2018, 13, e0202762.	1.1	15

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37	Restoring circadian synchrony in vitro facilitates physiological responses to environmental chemicals. <i>Environment International</i> , 2020, 134, 105265.	4.8	15
38	Estrogens Determine Adherens Junction Organization and E-Cadherin Clustering in Breast Cancer Cells via Amphiregulin. <i>IScience</i> , 2020, 23, 101683.	1.9	14
39	Analgesic treatment with buprenorphine should be adapted to the mouse strain. <i>Pharmacology Biochemistry and Behavior</i> , 2020, 191, 172877.	1.3	14
40	Genetic variants implicated in telomere length associated with left ventricular function in patients with hypertension and cardiac organ damage. <i>Journal of Molecular Medicine</i> , 2012, 90, 1059-1067.	1.7	12
41	Endocrine Disruptors: Adverse Health Effects Mediated by EGFR?. <i>Trends in Endocrinology and Metabolism</i> , 2018, 29, 69-71.	3.1	12
42	The biological impact of estrogens on gender differences in congestive heart failure. <i>Cardiovascular Research</i> , 2005, 67, 573-574.	1.8	11
43	Liver lobe and strain differences in the activity of murine cytochrome P450 enzymes. <i>Toxicology</i> , 2018, 404-405, 76-85.	2.0	11
44	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
45	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
46	Cut back on surplus laboratory animals. <i>Nature</i> , 2020, 578, 515-515.	13.7	7
47	How many animals are used for SARS-CoV-2 research?. <i>EMBO Reports</i> , 2021, 22, e53751.	2.0	6
48	The AOP Concept: How Novel Technologies Can Support Development of Adverse Outcome Pathways. <i>Applied in Vitro Toxicology</i> , 2017, 3, 271-277.	0.6	5
49	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
50	A quantitative medium-throughput assay to measure <i>Caenorhabditis elegans</i> development and reproduction. <i>STAR Protocols</i> , 2020, 1, 100224.	0.5	4
51	Rethinking the incentive system in science: animal study registries. <i>EMBO Reports</i> , 2020, 21, e49709.	2.0	4
52	Declaration of common standards for the preregistration of animal research – speeding up the scientific progress. , 2022, 1, .		4
53	German initiative opens up animal data. <i>Nature</i> , 2015, 519, 33-33.	13.7	3
54	A Protocol for Using Gene Set Enrichment Analysis to Identify the Appropriate Animal Model for Translational Research. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	3

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55	Next milestone in understanding early life – blastoids mimic embryogenesis in vitro. <i>Biology of Reproduction</i> , 2019, 100, 11-12.	1.2	1
56	Effect of Omeprazole and Dextromethorphan on the Urinary Metabolic Ratio of Flurbiprofen. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2016, 118, 496-498.	1.2	0
57	Ensuring Reproducible Research Requires a Support Infrastructure: The Value of Public Registries to Publishers. , 2021, , 4-7.	0.0	0
58	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