Miriam Naomi Jacobs

List of Publications by Year
in descending order

33	1,691	361296 20	377752 34
papers	citations	h-index	g-index

36	36	36	2218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Investigation of Selected Persistent Organic Pollutants in Farmed Atlantic Salmon (Salmo salar), Salmon Aquaculture Feed, and Fish Oil Components of the Feed. Environmental Science & Technology, 2002, 36, 2797-2805.	4.6	252
2	Compound lipophilicity for substrate binding to human P450s in drug metabolism. Drug Discovery Today, 2004, 9, 530-537.	3.2	159
3	Lignans, bacteriocides and organochlorine compounds activate the human pregnane X receptor (PXR). Toxicology and Applied Pharmacology, 2005, 209, 123-133.	1.3	154
4	Time Trend Investigation of PCBs, PBDEs, and Organochlorine Pesticides in Selected nâˆ’3 Polyunsaturated Fatty Acid Rich Dietary Fish Oil and Vegetable Oil Supplements; Nutritional Relevance for Human Essential nâˆ’3 Fatty Acid Requirements. Journal of Agricultural and Food Chemistry, 2004, 52, 1780-1788.	2.4	98
5	Environmentally induced epigenetic toxicity: potential public health concerns. Critical Reviews in Toxicology, 2016, 46, 676-700.	1.9	77
6	Steroid hormone receptors and dietary ligands: a selected review. Proceedings of the Nutrition Society, 2002, 61, 105-122.	0.4	76
7	Chemical carcinogen safety testing: OECD expert group international consensus on the development of an integrated approach for the testing and assessment of chemical non-genotoxic carcinogens. Archives of Toxicology, 2020, 94, 2899-2923.	1.9	72
8	In silico tools to aid risk assessment of endocrine disrupting chemicals. Toxicology, 2004, 205, 43-53.	2.0	71
9	Organochlorine residues in fish oil dietary supplements: Comparison with industrial grade oils. Chemosphere, 1998, 37, 1709-1721.	4.2	64
10	Homology modelling of the nuclear receptors: human oestrogen receptorÎ² (hERÎ²), the human pregnane-X-receptor (PXR), the Ah receptor (AhR) and the constitutive androstane receptor (CAR) ligand binding domains from the human oestrogen receptor Î± (hERÎ±) crystal structure, and the human peroxisome proliferator activated receptor Î± (PPARÎ±) ligand binding domain from the human PPARÎ³ crystal structure. Journal of Steroid Biochemistry and Molecular Biology, 2003, 84, 117-132.	1.2	59
11	Physiologically-based Kinetic Modelling (PBK Modelling): Meeting the 3Rs Agenda. ATLA Alternatives To Laboratory Animals, 2007, 35, 661-671.	0.7	59
12	Marked for Life: Epigenetic Effects of Endocrine Disrupting Chemicals. Annual Review of Environment and Resources, 2017, 42, 105-160.	5.6	52
13	International regulatory needs for development ofan IATA for non-genotoxic carcinogenic chemical substances. ALTEX: Alternatives To Animal Experimentation, 2016, 33, 359-392.	0.9	52
14	In vitro and in vivo testing methods of epigenomic endpoints for evaluating endocrine disruptors. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 445-471.	0.9	52
15	Quantitative structureâ€“activity relationships for inducers of cytochromes P450 and nuclear receptor ligands involved in P450 regulation within the CYP1, CYP2, CYP3 and CYP4 families. Toxicology, 2002, 176, 51-57.	2.0	46
16	In vitro metabolism and bioavailability tests for endocrine active substances: What is needed next for regulatory purposes?. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 331-351.	0.9	36
17	Uncertainties of testing methods: What do we (want to) know about carcinogenicity?. ALTEX: Alternatives To Animal Experimentation, 2017, 34, 235-252.	0.9	29
18	The transformics assay: first steps for the development of an integrated approach to investigate the malignant cell transformation in vitro. Carcinogenesis, 2018, 39, 955-967.	1.3	27

#	Article	IF	Citations
19	A comprehensive view on mechanistic approaches for cancer risk assessment of non-genotoxic agrochemicals. Regulatory Toxicology and Pharmacology, 2020, 118, 104789.	1.3	21
20	Molecular modelling of the peroxisome proliferator-activated receptor Î± (PPARÎ±) from human, rat and mouse, based on homology with the human PPARÎ³ crystal structure. Toxicology in Vitro, 2002, 16, 275-280.	1.1	14
21	Use of computational tools in the field of food safety. Regulatory Toxicology and Pharmacology, 2011, 60, 354-362.	1.3	14
22	Integration of Epigenetic Mechanisms into Non-Genotoxic Carcinogenicity Hazard Assessment: Focus on DNA Methylation and Histone Modifications. International Journal of Molecular Sciences, 2021, 22, 10969.	1.8	14
23	The Secretive Liaison of Particulate Matter and SARS-CoV-2. A Hypothesis and Theory Investigation. Frontiers in Genetics, 2020, 11, 579964.	1.1	13
24	Dying for change: A roadmap to refine the fish acute toxicity test after 40 years of applying a lethal endpoint. Ecotoxicology and Environmental Safety, 2021, 223, 112585.	2.9	13
25	Biometrical evaluation of the performance of the revised OECD Test Guideline 402 for assessing acute dermal toxicity. Regulatory Toxicology and Pharmacology, 2017, 89, 26-39.	1.3	11
26	Highlighting the gaps in hazard and risk assessment of unregulated Endocrine Active Substances in surface waters: retinoids as a European case study. Environmental Sciences Europe, 2021, 33, .	2.6	10
27	Characterisation and validation of an in vitro transactivation assay based on the 22Rv1/MMTV_GR-KO cell line to detect human androgen receptor agonists and antagonists. Food and Chemical Toxicology, 2021, 152, 112206.	1.8	5
28	Building confidence in skin sensitisation potency assessment using new approach methodologies: report of the 3rd EPAA Partners Forum, Brussels, 28th October 2019. Regulatory Toxicology and Pharmacology, 2020, 117, 104767.	1.3	4
29	Hazard assessment of air pollutants: The transforming ability of complex pollutant mixtures in the Bhas 42 cell model. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 623-633.	0.9	4
30	Addressing potential ethical issues regarding the supply of human-derived products or reagents in in vitro OECD Test Guidelines. ALTEX: Alternatives To Animal Experimentation, 2019, 36, 163-176.	0.9	4
31	Candidate Proficiency Test Chemicals to Address Industrial Chemical Applicability Domains for in vitro Human Cytochrome P450 Enzyme Induction. Frontiers in Toxicology, 0, 4, .	1.6	3
32	Mechanistic Interrogation of Cell Transformation In Vitro: The Transformics Assay as an Exemplar of Oncotransformation. International Journal of Molecular Sciences, 2022, 23, 7603.	1.8	2
33	Environmental pollution and COVID-19: the molecular terms and predominant disease outcomes of their sweetheart agreement. Epidemiologia E Prevenzione, 2020, 44, 169-182.	1.1	1