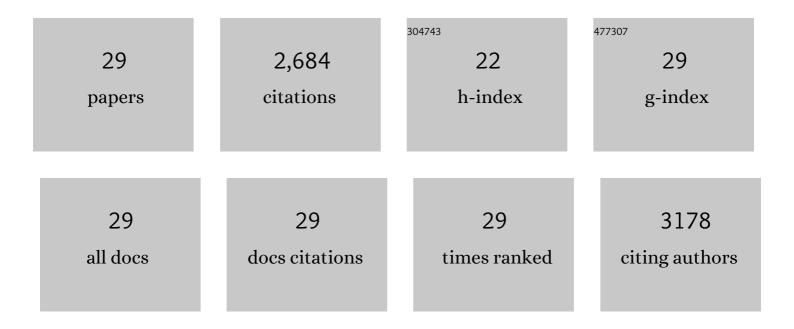
Maurice Whelan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/12104203/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Bringing together scientific disciplines for collaborative undertakings: a vision for advancing the adverse outcome pathway framework. International Journal of Radiation Biology, 2021, 97, 431-441.	1.8	15
2	Progress towards an OECD reporting framework for transcriptomics and metabolomics in regulatory toxicology. Regulatory Toxicology and Pharmacology, 2021, 125, 105020.	2.7	46
3	Extrapolating from acute to chronic toxicity in vitro. Toxicology in Vitro, 2021, 76, 105206.	2.4	18
4	Harvesting the promise of AOPs: An assessment and recommendations. Science of the Total Environment, 2018, 628-629, 1542-1556.	8.0	52
5	A multi-laboratory evaluation of microelectrode array-based measurements of neural network activity for acute neurotoxicity testing. NeuroToxicology, 2017, 60, 280-292.	3.0	72
6	The virtual cell based assay: Current status and future perspectives. Toxicology in Vitro, 2017, 45, 258-267.	2.4	10
7	Advancing the adverse outcome pathway framework—An international horizon scanning approach. Environmental Toxicology and Chemistry, 2017, 36, 1411-1421.	4.3	58
8	How Adverse Outcome Pathways Can Aid the Development and Use of Computational Prediction Models for Regulatory Toxicology. Toxicological Sciences, 2017, 155, 326-336.	3.1	125
9	Adverse outcome pathways: a concise introduction for toxicologists. Archives of Toxicology, 2017, 91, 3697-3707.	4.2	103
10	Adverse outcome pathway development from protein alkylation to liver fibrosis. Archives of Toxicology, 2017, 91, 1523-1543.	4.2	41
11	The Adverse Outcome Pathway approach in nanotoxicology. Computational Toxicology, 2017, 1, 3-11.	3.3	82
12	The Next Generation of Risk Assessment Multi-Year Study—Highlights of Findings, Applications to Risk Assessment, and Future Directions. Environmental Health Perspectives, 2016, 124, 1671-1682.	6.0	74
13	Moving Beyond Prioritization Toward True <i>In Vitro</i> Safety Assessment. Applied in Vitro Toxicology, 2016, 2, 67-73.	1.1	5
14	Evolving the Principles and Practice of Validation for New Alternative Approaches to Toxicity Testing. Advances in Experimental Medicine and Biology, 2016, 856, 387-399.	1.6	4
15	Adverse Outcome Pathways can drive nonâ€animal approaches for safety assessment. Journal of Applied Toxicology, 2015, 35, 971-975.	2.8	82
16	Lessons from Toxicology: Developing a 21st-Century Paradigm for Medical Research. Environmental Health Perspectives, 2015, 123, A268-72.	6.0	57
17	FutureTox II: In vitro Data and In Silico Models for Predictive Toxicology. Toxicological Sciences, 2015, 143, 256-267.	3.1	107
18	Putative adverse outcome pathways relevant to neurotoxicity. Critical Reviews in Toxicology, 2015, 45, 83-91.	3.9	92

MAURICE WHELAN

#	Article	IF	CITATIONS
19	Adverse Outcome Pathway Development II: Best Practices. Toxicological Sciences, 2014, 142, 321-330.	3.1	207
20	Adverse Outcome Pathway (AOP) Development I: Strategies and Principles. Toxicological Sciences, 2014, 142, 312-320.	3.1	521
21	Adverse outcome pathways: hype or hope?. Archives of Toxicology, 2014, 88, 1-2.	4.2	19
22	Systems Toxicology: From Basic Research to Risk Assessment. Chemical Research in Toxicology, 2014, 27, 314-329.	3.3	287
23	Integrative Chemical–Biological Read-Across Approach for Chemical Hazard Classification. Chemical Research in Toxicology, 2013, 26, 1199-1208.	3.3	107
24	Development of an Adverse Outcome Pathway From Drug-Mediated Bile Salt Export Pump Inhibition to Cholestatic Liver Injury. Toxicological Sciences, 2013, 136, 97-106.	3.1	111
25	Adverse Outcome Pathway-based Screening Strategies for an Animal-free Safety Assessment of Chemicals. ATLA Alternatives To Laboratory Animals, 2013, 41, 461-471.	1.0	22
26	Perspectives on validation of high-throughput assays supporting 21st century toxicity testing. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 51-66.	1.5	118
27	Application of micro-electrode arrays (MEAs) as an emerging technology for developmental neurotoxicity: Evaluation of domoic acid-induced effects in primary cultures of rat cortical neurons. NeuroToxicology, 2011, 32, 158-168.	3.0	123
28	Feasibility Assessment of Micro-Electrode Chip Assay as a Method of Detecting Neurotoxicity in vitro. Frontiers in Neuroengineering, 2011, 4, 6.	4.8	57
29	Electrophysiological recording of re-aggregating brain cell cultures on multi-electrode arrays to detect acute neurotoxic effects. NeuroToxicology, 2007, 28, 1136-1146.	3.0	69