Ted W Simon

List of Publications by Year
in descending order

29	958	430874 18	526287 27
papers	citations	h-index	g-index

29	29	29	1289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Predictive Analytics Toolkit (PAT): User-friendly predictive analytics for advancing new approach methodologies (NAMs). Computational Toxicology, 2019, 12, 100107.	3.3	0
2	Science peer review for the 21st century: Assessing scientific consensus for decision-making while managing conflict of interests, reviewer and process bias. Regulatory Toxicology and Pharmacology, 2019, 103, 73-85.	2.7	20
3	Providing context for phosphatidylethanol as a biomarker of alcohol consumption with a pharmacokinetic model. Regulatory Toxicology and Pharmacology, 2018, 94, 163-171.	2.7	29
4	In vitro to in vivo extrapolation for high throughput prioritization and decision making. Toxicology in Vitro, 2018, 47, 213-227.	2.4	162
5	Utilizing Threshold of Toxicological Concern (TTC) with high throughput exposure predictions (HTE) as a risk-based prioritization approach for thousands of chemicals. Computational Toxicology, 2018, 7, 58-67.	3.3	53
6	How well can carcinogenicity be predicted by high throughput â€œcharacteristics of carcinogensâ€• mechanistic data?. Regulatory Toxicology and Pharmacology, 2017, 90, 185-196.	2.7	37
7	Risk Assessment in the 21st Century. , 2017, , 31-36.		0
8	Bayesian methods for uncertainty factor application for derivation of reference values. Regulatory Toxicology and Pharmacology, 2016, 80, 9-24.	2.7	20
9	Approaches for describing and communicating overall uncertainty in toxicity characterizations: U.S. Environmental Protection Agency's Integrated Risk Information System (IRIS) as a case study. Environment International, 2016, 89-90, 110-128.	10.0	27
10	A Model for Aryl Hydrocarbon Receptor-Activated Gene Expression Shows Potency and Efficacy Changes and Predicts Squelching Due to Competition for Transcription Co-Activators. PLoS ONE, 2015, 10, e0127952.	2.5	12
11	An exposure:activity profiling method for interpreting high-throughput screening data for estrogenic activityâ€”Proof of concept. Regulatory Toxicology and Pharmacology, 2015, 71, 398-408.	2.7	45
12	Proposing a scientific confidence framework to help support the application of adverse outcome pathways for regulatory purposes. Regulatory Toxicology and Pharmacology, 2015, 71, 463-477.	2.7	87
13	The adverse outcome pathway for rodent liver tumor promotion by sustained activation of the aryl hydrocarbon receptor. Regulatory Toxicology and Pharmacology, 2015, 73, 172-190.	2.7	42
14	The use of mode of action information in risk assessment: Quantitative key events/dose-response framework for modeling the dose-response for key events. Critical Reviews in Toxicology, 2014, 44, 17-43.	3.9	65
15	Mode of action and doseâ€“response framework analysis for receptor-mediated toxicity: The aryl hydrocarbon receptor as a case study. Critical Reviews in Toxicology, 2014, 44, 83-119.	3.9	69
16	Use and validation of HT/HC assays to support 21st century toxicity evaluations. Regulatory Toxicology and Pharmacology, 2013, 65, 259-268.	2.7	35
17	Evidence-based toxicology for the 21st century: Opportunities and challenges. ALTEX: Alternatives To Animal Experimentation, 2013, 30, 74-104.	1.5	42
18	Derivation of Soil Clean-Up Levels for 2,3,7,8-Tetrachloro-dibenzo-p-dioxin (TCDD) Toxicity Equivalence (TEQ_{D/F}) in Soil Through Deterministic and Probabilistic Risk Assessment of Exposure and Toxicity. Human and Ecological Risk Assessment (HERA), 2011, 17, 125-158.	3.4	7

#	Article	IF	Citations
19	Just who is at risk? The ethics of environmental regulation. Human and Experimental Toxicology, 2011, 30, 795-819.	2.2	6
20	Human and Rat Primary Hepatocyte CYP1A1 and 1A2 Induction with 2,3,7,8-Tetrachlorodibenzo-p-dioxin, 2,3,7,8-Tetrachlorodibenzofuran, and 2,3,4,7,8-Pentachlorodibenzofuran. Toxicological Sciences, 2010, 118, 224-235.	3.1	40
21	Estimates of Cancer Potency of 2,3,7,8-Tetrachlorodibenzo(p)dioxin Using Linear and Nonlinear Dose-Response Modeling and Toxicokinetics. Toxicological Sciences, 2009, 112, 490-506.	3.1	23
22	Estimates of Cancer Potency of 2,3,4,7,8-Pentachlorodibenzofuran Using Both Nonlinear and Linear Approaches. Toxicological Sciences, 2008, 106, 519-537.	3.1	6
23	Development of a neurotoxic equivalence scheme of relative potency for assessing the risk of PCB mixtures. Regulatory Toxicology and Pharmacology, 2007, 48, 148-170.	2.7	74
24	Development of a reference dose for the persistent congeners of weathered toxaphene based on in vivo and in vitro effects related to tumor promotion. Regulatory Toxicology and Pharmacology, 2006, 44, 268-281.	2.7	14
25	Bayesian Statistics in Environmental Engineering Planning. Journal of Management in Engineering - ASCE, 2000, 16, 21-26.	4.8	2
26	In Defense of Risk Assessment: A Reply to the Environmental Justice Movement's Critique. Human and Ecological Risk Assessment (HERA), 2000, 6, 555-560.	3.4	4
27	Combining Physiologically Based Pharmacokinetic Modeling with Monte Carlo Simulation to Derive an Acute Inhalation Guidance Value for Trichloroethylene. Regulatory Toxicology and Pharmacology, 1997, 26, 257-270.	2.7	21
28	Mixture suppression without inhibition for binary mixtures from whole cell patch clamp studies of in situ olfactory receptor neurons of the spiny lobster. Brain Research, 1995, 678, 213-224.	2.2	13
29	Modeling a Neural Oscillator that Paces Heartbeat in the Medicinal Leech. American Zoologist, 1993, 33, 16-28.	0.7	3