Martin Scholze

List of Publications by Citations

67 papers	5,359 citations	37 h-index	70 g-index
70 ext. papers	5,817 ext. citations	6.1 avg, IF	5.32 L-index

#	Paper	IF	Citations
67	Relative potencies and combination effects of steroidal estrogens in fish. *Environmental Science & Technology*, **2003**, 37, 1142-9	10.3	395
66	Predictability of the toxicity of multiple chemical mixtures to Vibrio fischeri: Mixtures composed of similarly acting chemicals. *Environmental Toxicology and Chemistry*, **2000**, 19, 2341-2347	3.8	317
65	Accurate prediction of the response of freshwater fish to a mixture of estrogenic chemicals. *Environmental Health Perspectives*, **2005**, 113, 721-8	8.4	299
64	Predictability of the toxicity of a multiple mixture of dissimilarly acting chemicals to Vibrio fischeri. *Environmental Toxicology and Chemistry*, **2000**, 19, 2348-2356	3.8	295
63	Assessing the biological potency of binary mixtures of environmental estrogens using vitellogenin induction in juvenile rainbow trout (Oncorhynchus mykiss). *Environmental Science & Technology* , **2001**, 35, 2476-81	10.3	222
62	A general best-fit method for concentration-response curves and the estimation of low-effect concentrations. *Environmental Toxicology and Chemistry*, **2001**, 20, 448-457	3.8	217
61	Combined exposure to anti-androgens exacerbates disruption of sexual differentiation in the rat. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 122-8	8.4	215
60	Application and validation of approaches for the predictive hazard assessment of realistic pesticide mixtures. *Aquatic Toxicology*, **2006**, 76, 93-110	5.1	190
59	. *Environmental Toxicology and Chemistry*, **2000**, 19, 2341	3.8	163
58	Synergistic disruption of external male sex organ development by a mixture of four antiandrogens. *Environmental Health Perspectives*, **2009**, 117, 1839-46	8.4	156
57	Low-level exposure to multiple chemicals: reason for human health concerns?. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 106-14	8.4	154
56	. *Environmental Toxicology and Chemistry*, **2000**, 19, 2348	3.8	154
55	Evidence of estrogenic mixture effects on the reproductive performance of fish. *Environmental Science & Technology*, **2007**, 41, 337-44	10.3	150
54	Joint algal toxicity of phenylurea herbicides is equally predictable by concentration addition and independent action. *Environmental Toxicology and Chemistry*, **2004**, 23, 258-64	3.8	139
53	Widely used pesticides with previously unknown endocrine activity revealed as in vitro antiandrogens. *Environmental Health Perspectives*, **2011**, 119, 794-800	8.4	124
52	. *Environmental Toxicology and Chemistry*, **2001**, 20, 448	3.8	106
51	Mixture toxicity of priority pollutants at no observed effect concentrations (NOECs). *Ecotoxicology*, **2002**, 11, 299-310	2.9	100

50	The BEAM-project: prediction and assessment of mixture toxicities in the aquatic environment. *Continental Shelf Research*, **2003**, 23, 1757-1769	2.4	100
49	Predictability of combined effects of eight chloroacetanilide herbicides on algal reproduction. *Pest Management Science*, **2003**, 59, 1101-10	4.6	96
48	Simplifying complexity: Mixture toxicity assessment in the last 20 years. *Environmental Toxicology and Chemistry*, **2013**, 32, 1685-7	3.8	91
47	Predictability of the mixture toxicity of 12 similarly acting congeneric inhibitors of photosystem II in marine periphyton and epipsammon communities. *Aquatic Toxicology*, **2004**, 68, 351-67	5.1	91
46	The consequences of exposure to mixtures of chemicals: Something from SnothingSand Sa lot from a littleSwhen fish are exposed to steroid hormones. *Science of the Total Environment*, **2018**, 619-620, 1482-1492	10.3	87
45	Modeling effects of mixtures of endocrine disrupting chemicals at the river catchment scale. *Environmental Science & Technology*, **2006**, 40, 5478-89	10.3	82
44	Deviation from additivity with estrogenic mixtures containing 4-nonylphenol and 4-tert-octylphenol detected in the E-SCREEN assay. *Environmental Science & Technology*, **2004**, 38, 6343-52	10.3	82
43	Mixture effects at very low doses with combinations of anti-androgenic pesticides, antioxidants, industrial pollutant and chemicals used in personal care products. *Toxicology and Applied Pharmacology*, **2014**, 278, 201-8	4.6	81
42	Mixture effects in samples of multiple contaminants - An inter-laboratory study with manifold bioassays. *Environment International*, **2018**, 114, 95-106	12.9	80
41	Assessment of xenoestrogens using three distinct estrogen receptors and the zebrafish brain aromatase gene in a highly responsive glial cell system. *Environmental Health Perspectives*, **2006**, 114, 752-8	8.4	71
40	Dysgenesis and histological changes of genitals and perturbations of gene expression in male rats after in utero exposure to antiandrogen mixtures. *Toxicological Sciences*, **2007**, 98, 87-98	4.4	67
39	Biochemical and behavioral responses in gilthead seabream (Sparus aurata) to phenanthrene. *Journal of Experimental Marine Biology and Ecology*, **2007**, 347, 109-122	2.1	57
38	The joint effect of polycyclic aromatic hydrocarbons on fish behavior. *Environmental Research*, **2008**, 108, 205-13	7.9	53
37	The suitability of concentration addition for predicting the effects of multi-component mixtures of up to 17 anti-androgens with varied structural features in an in vitro AR antagonist assay. *Toxicology and Applied Pharmacology*, **2011**, 257, 189-97	4.6	50
36	From single chemicals to mixtures--reproductive effects of levonorgestrel and ethinylestradiol on the fathead minnow. *Aquatic Toxicology*, **2015**, 169, 152-67	5.1	49
35	A Novel Behavioral Fish Model of Nociception for Testing Analgesics. *Pharmaceuticals*, **2011**, 4, 665-680	5.2	48
34	Effects of three antifouling agents on algal communities and algal reproduction: mixture toxicity studies with TBT, Irgarol, and Sea-Nine. *Archives of Environmental Contamination and Toxicology*, **2006**, 50, 335-45	3.2	47
33	Mixtures of endocrine-disrupting contaminants induce adverse developmental effects in preweaning rats. *Reproduction*, **2014**, 147, 489-501	3.8	45

32	Ten years of research on synergisms and antagonisms in chemical mixtures: A systematic review and quantitative reappraisal of mixture studies. *Environment International*, **2021**, 146, 106206	12.9	44
31	Extending the applicability of the dose addition model to the assessment of chemical mixtures of partial agonists by using a novel toxic unit extrapolation method. *PLoS ONE*, **2014**, 9, e88808	3.7	41
30	Additive mixture effects of estrogenic chemicals in human cell-based assays can be influenced by inclusion of chemicals with differing effect profiles. *PLoS ONE*, **2012**, 7, e43606	3.7	37
29	Perfluorohexane Sulfonate (PFHxS) and a Mixture of Endocrine Disrupters Reduce Thyroxine Levels and Cause Antiandrogenic Effects in Rats. *Toxicological Sciences*, **2018**, 163, 579-591	4.4	34
28	Endocrine Disruption in Human Fetal Testis Explants by Individual and Combined Exposures to Selected Pharmaceuticals, Pesticides, and Environmental Pollutants. *Environmental Health Perspectives*, **2017**, 125, 087004	8.4	33
27	Seven benzimidazole pesticides combined at sub-threshold levels induce micronuclei in vitro. *Mutagenesis*, **2013**, 28, 417-26	2.8	33
26	Competitive androgen receptor antagonism as a factor determining the predictability of cumulative antiandrogenic effects of widely used pesticides. *Environmental Health Perspectives*, **2012**, 120, 1578-84	8.4	32
25	Examining the feasibility of mixture risk assessment: A case study using a tiered approach with data of 67 pesticides from the Joint FAO/WHO Meeting on Pesticide Residues (JMPR). *Food and Chemical Toxicology*, **2015**, 84, 260-9	4.7	31
24	Activity of xenoestrogens at nanomolar concentrations in the E-Screen assay. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 91-7	8.4	30
23	The SWIFT periphyton test for high-capacity assessments of toxicant effects on microalgal community development. *Journal of Experimental Marine Biology and Ecology*, **2007**, 349, 299-312	2.1	30
22	Mixtures of estrogenic chemicals enhance vitellogenic response in sea bass. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 115-21	8.4	30
21	Mind the gap: can we explain declining male reproductive health with known antiandrogens?. *Reproduction*, **2014**, 147, 515-27	3.8	28
20	Joint effects of heterogeneous estrogenic chemicals in the E-screen--exploring the applicability of concentration addition. *Toxicological Sciences*, **2011**, 122, 383-94	4.4	28
19	Mixture risks threaten water quality: the European Collaborative Project SOLUTIONS recommends changes to the WFD and better coordination across all pieces of European chemicals legislation to improve protection from exposure of the aquatic environment to multiple pollutants.	5	27
18	The sensitivity of the MDA-kb2 cell in vitro assay in detecting anti-androgenic chemicals--identification of sources of variability and estimation of statistical power. *Toxicology in Vitro*, **2010**, 24, 1845-53	3.6	25
17	Combined exposure to low doses of pesticides causes decreased birth weights in rats. *Reproductive Toxicology*, **2017**, 72, 97-105	3.4	24
16	Environmental concentrations of anti-androgenic pharmaceuticals do not impact sexual disruption in fish alone or in combination with steroid oestrogens. *Aquatic Toxicology*, **2015**, 160, 117-27	5.1	24
15	Widely Used Pesticides with Previously Unknown Endocrine Activity Revealed as in Vitro Antiandrogens. *Environmental Health Perspectives*, **2011**, 119, 794-800	8.4	21

14	Effects of Common Pesticides on Prostaglandin D2 (PGD2) Inhibition in SC5 Mouse Sertoli Cells, Evidence of Binding at the COX-2 Active Site, and Implications for Endocrine Disruption. *Environmental Health Perspectives*, **2016**, 124, 452-9	8.4	21
13	Transthyretin-Binding Activity of Complex Mixtures Representing the Composition of Thyroid-Hormone Disrupting Contaminants in House Dust and Human Serum. *Environmental Health Perspectives*, **2020**, 128, 17015	8.4	18
12	Investigation of the state of the science on combined actions of chemicals in food through dissimilar modes of action and proposal for science-based approach for performing related cumulative risk assessment. *EFSA Supporting Publications*, **2012**, 9, 232E	1.1	18
11	Combined effects of environmental xeno-estrogens within multi-component mixtures: Comparison of in vitro human- and zebrafish-based estrogenicity bioassays. *Chemosphere*, **2019**, 227, 334-344	8.4	12
10	Genotoxic mixtures and dissimilar action: concepts for prediction and assessment. *Archives of Toxicology*, **2014**, 88, 799-814	5.8	11
9	A novel biomarker for anti-androgenic activity in placenta reveals risks of urogenital malformations. *Reproduction*, **2015**, 149, 605-13	3.8	10
8	Grouping of endocrine disrupting chemicals for mixture risk assessment - Evidence from a rat study. *Environment International*, **2020**, 142, 105870	12.9	9
7	The role of the North Atlantic Oscillation in controlling U.K. butterfly population size and phenology. *Ecological Entomology*, **2012**, 37, 221-232	2.1	8
6	Statistical power considerations show the endocrine disruptor low-dose issue in a new light. *Environmental Health Perspectives*, **2007**, 115 Suppl 1, 84-90	8.4	8
5	Quantitative to Extrapolation (QIVIVE) for Predicting Reduced Anogenital Distance Produced by Anti-Androgenic Pesticides in a Rodent Model for Male Reproductive Disorders. *Environmental Health Perspectives*, **2020**, 128, 117005	8.4	7
4	Kombinationswirkungen von Umweltchemikalien in der otoxikologie. *Environmental Sciences Europe*, **2000**, 12, 226-234		5
3	Testing for heterotopia formation in rats after developmental exposure to selected in vitro inhibitors of thyroperoxidase. *Environmental Pollution*, **2021**, 283, 117135	9.3	4
2	Human-relevant concentrations of the antifungal drug clotrimazole disrupt maternal and fetal steroid hormone profiles in rats. *Toxicology and Applied Pharmacology*, **2021**, 422, 115554	4.6	2
1	Bisphenol A and declining semen quality: A systematic review to support the derivation of a reference dose for mixture risk assessments.. *International Journal of Hygiene and Environmental Health*, **2022**, 241, 113942	6.9	1