Martin Scholze

List of Publications by Year
in descending order

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68	6,371	71102 41	95266 68
papers	citations	h-index	g-index

70	70	70	5230
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Relative Potencies and Combination Effects of Steroidal Estrogens in Fish. Environmental Science & Technology, 2003, 37, 1142-1149.	10.0	427
2	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.	4.3	351
3	Accurate Prediction of the Response of Freshwater Fish to a Mixture of Estrogenic Chemicals. Environmental Health Perspectives, 2005, 113, 721-728.	6.0	332
4	Predictability of the toxicity of a multiple mixture of dissimilarly acting chemicals to Vibrio fischeri. Environmental Toxicology and Chemistry, 2000, 19, 2348-2356.	4.3	324
5	Combined Exposure to Anti-Androgens Exacerbates Disruption of Sexual Differentiation in the Rat. Environmental Health Perspectives, 2007, 115, 122-128.	6.0	259
6	Assessing the Biological Potency of Binary Mixtures of Environmental Estrogens using Vitellogenin Induction in Juvenile Rainbow Trout (Oncorhynchus mykiss). Environmental Science & Technology, 2001, 35, 2476-2481.	10.0	245
7	A general bestâ€fit method for concentrationâ€response curves and the estimation of lowâ€effect concentrations. Environmental Toxicology and Chemistry, 2001, 20, 448-457.	4.3	226
8	Application and validation of approaches for the predictive hazard assessment of realistic pesticide mixtures. Aquatic Toxicology, 2006, 76, 93-110.	4.0	214
9	Low-Level Exposure to Multiple Chemicals: Reason for Human Health Concerns?. Environmental Health Perspectives, 2007, 115, 106-114.	6.0	185
10	Synergistic Disruption of External Male Sex Organ Development by a Mixture of Four Antiandrogens. Environmental Health Perspectives, 2009, 117, 1839-1846.	6.0	184
11	PREDICTABILITY OF THE TOXICITY OF MULTIPLE CHEMICAL MIXTURES TO VIBRIO FISCHERI: MIXTURES COMPOSED OF SIMILARLY ACTING CHEMICALS. Environmental Toxicology and Chemistry, 2000, 19, 2341.	4.3	176
12	Evidence of Estrogenic Mixture Effects on the Reproductive Performance of Fish. Environmental Science & Technology, 2007, 41, 337-344.	10.0	170
13	PREDICTABILITY OF THE TOXICITY OF A MULTIPLE MIXTURE OF DISSIMILARLY ACTING CHEMICALS TO VIBRIO FISCHERI. Environmental Toxicology and Chemistry, 2000, 19, 2348.	4.3	163
14	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.	10.0	153
15	JOINT ALGAL TOXICITY OF PHENYLUREA HERBICIDES IS EQUALLY PREDICTABLE BY CONCENTRATION ADDITION AND INDEPENDENT ACTION. Environmental Toxicology and Chemistry, 2004, 23, 258.	4.3	149
16	Widely Used Pesticides with Previously Unknown Endocrine Activity Revealed as in Vitro Antiandrogens. Environmental Health Perspectives, 2011, 119, 794-800.	6.0	146
17	The consequences of exposure to mixtures of chemicals: Something from â€˜nothingâ€™ and â€˜a lot from a littleâ€™ when fish are exposed to steroid hormones. Science of the Total Environment, 2018, 619-620, 1482-1492.	8.0	135
18	Mixture toxicity of priority pollutants at no observed effect concentrations (NOECs). Ecotoxicology, 2002, 11, 299-310.	2.4	120

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19	Simplifying complexity: Mixture toxicity assessment in the last 20 years. Environmental Toxicology and Chemistry, 2013, 32, 1685-1687.	4.3	119
20	Mixture effects in samples of multiple contaminants â€“ An inter-laboratory study with manifold bioassays. Environment International, 2018, 114, 95-106.	10.0	113
21	The BEAM-project: prediction and assessment of mixture toxicities in the aquatic environment. Continental Shelf Research, 2003, 23, 1757-1769.	1.8	111
22	A GENERAL BEST-FIT METHOD FOR CONCENTRATION-RESPONSE CURVES AND THE ESTIMATION OF LOW-EFFECT CONCENTRATIONS. Environmental Toxicology and Chemistry, 2001, 20, 448.	4.3	108
23	Predictability of combined effects of eight chloroacetanilide herbicides on algal reproduction. Pest Management Science, 2003, 59, 1101-1110.	3.4	105
24	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, 201-208.	2.8	97
25	Predictability of the mixture toxicity of 12 similarly acting congeneric inhibitors of photosystem II in marine periphyton and epipsammon communities. Aquatic Toxicology, 2004, 68, 351-367.	4.0	96
26	Deviation from Additivity with Estrogenic Mixtures Containing 4-Nonylphenol and 4-tert-Octylphenol Detected in the E-SCREEN Assay. Environmental Science & Technology, 2004, 38, 6343-6352.	10.0	88
27	Modeling Effects of Mixtures of Endocrine Disrupting Chemicals at the River Catchment Scale. Environmental Science & Technology, 2006, 40, 5478-5489.	10.0	88
28	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, 752-758.	6.0	78
29	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.	3.1	77
30	From single chemicals to mixturesâ€”Reproductive effects of levonorgestrel and ethinylestradiol on the fathead minnow. Aquatic Toxicology, 2015, 169, 152-167.	4.0	69
31	The joint effect of polycyclic aromatic hydrocarbons on fish behavior. Environmental Research, 2008, 108, 205-213.	7.5	68
32	Biochemical and behavioral responses in gilthead seabream (Sparus aurata) to phenanthrene. Journal of Experimental Marine Biology and Ecology, 2007, 347, 109-122.	1.5	67
33	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, 189-197.	2.8	63
34	A Novel Behavioral Fish Model of Nociception for Testing Analgesics. Pharmaceuticals, 2011, 4, 665-680.	3.8	56
35	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, 335-345.	4.1	52
36	Perfluorohexane Sulfonate (PFHxS) and a Mixture of Endocrine Disrupters Reduce Thyroxine Levels and Cause Antiandrogenic Effects in Rats. Toxicological Sciences, 2018, 163, 579-591.	3.1	52

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37	Mixtures of endocrine-disrupting contaminants induce adverse developmental effects in preweaning rats. Reproduction, 2014, 147, 489-501.	2.6	51
38	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, 260-269.	3.6	47
39	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.	2.5	46
40	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.	6.0	46
41	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.	2.5	45
42	Seven benzimidazole pesticides combined at sub-threshold levels induce micronuclei in vitro. Mutagenesis, 2013, 28, 417-426.	2.6	44
43	Competitive Androgen Receptor Antagonism as a Factor Determining the Predictability of Cumulative Antiandrogenic Effects of Widely Used Pesticides. Environmental Health Perspectives, 2012, 120, 1578-1584.	6.0	41
44	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. Environmental Sciences Europe, 2019, 31, .	5.5	41
45	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.	1.5	39
46	Mixtures of Estrogenic Chemicals Enhance Vitellogenic Response in Sea Bass. Environmental Health Perspectives, 2007, 115, 115-121.	6.0	37
47	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.	6.0	36
48	Activity of Xenoestrogens at Nanomolar Concentrations in the E-Screen Assay. Environmental Health Perspectives, 2007, 115, 91-97.	6.0	35
49	Environmental concentrations of anti-androgenic pharmaceuticals do not impact sexual disruption in fish alone or in combination with steroid oestrogens. Aquatic Toxicology, 2015, 160, 117-127.	4.0	34
50	Joint Effects of Heterogeneous Estrogenic Chemicals in the E-Screenâ€"Exploring the Applicability of Concentration Addition. Toxicological Sciences, 2011, 122, 383-394.	3.1	32
51	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, 452-459.	6.0	32
52	Mind the gap: can we explain declining male reproductive health with known antiandrogens?. Reproduction, 2014, 147, 515-527.	2.6	29
53	The sensitivity of the MDA-kb2 cell in vitro assay in detecting anti-androgenic chemicals â€“ Identification of sources of variability and estimation of statistical power. Toxicology in Vitro, 2010, 24, 1845-1853.	2.4	27
54	Combined exposure to low doses of pesticides causes decreased birth weights in rats. Reproductive Toxicology, 2017, 72, 97-105.	2.9	26

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55	Widely Used Pesticides with Previously Unknown Endocrine Activity Revealed as in Vitro Antiandrogens. Environmental Health Perspectives, 2011, 119, 794-800.	6.0	25
56	Combined exposures to bisphenols, polychlorinated dioxins, paracetamol, and phthalates as drivers of deteriorating semen quality. Environment International, 2022, 165, 107322.	10.0	24
57	Investigation of the state of the science on combined actions of chemicals in food through dissimilar modes of action and proposal for scienceâ€based approach for performing related cumulative risk assessment. EFSA Supporting Publications, 2012, 9, 232E.	0.7	23
58	Grouping of endocrine disrupting chemicals for mixture risk assessment â€“ Evidence from a rat study. Environment International, 2020, 142, 105870.	10.0	20
59	Testing for heterotopia formation in rats after developmental exposure to selected inÂvitro inhibitors of thyroperoxidase. Environmental Pollution, 2021, 283, 117135.	7.5	19
60	Combined effects of environmental xeno-estrogens within multi-component mixtures: Comparison of inÂvitro human- and zebrafish-based estrogenicity bioassays. Chemosphere, 2019, 227, 334-344.	8.2	16
61	Quantitative in Vitro to in Vivo 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.	6.0	16
62	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.	4.3	15
63	Genotoxic mixtures and dissimilar action: concepts for prediction and assessment. Archives of Toxicology, 2013, 88, 799-814.	4.2	13
64	A novel biomarker for anti-androgenic activity in placenta reveals risks of urogenital malformations. Reproduction, 2015, 149, 605-613.	2.6	13
65	Statistical Power Considerations Show the Endocrine Disruptor Low-Dose Issue in a New Light. Environmental Health Perspectives, 2007, 115, 84-90.	6.0	11
66	The role of the North Atlantic Oscillation in controlling U.K. butterfly population size and phenology. Ecological Entomology, 2012, 37, 221-232.	2.2	10
67	Human-relevant concentrations of the antifungal drug clotrimazole disrupt maternal and fetal steroid hormone profiles in rats. Toxicology and Applied Pharmacology, 2021, 422, 115554.	2.8	6
68	A mixture of dissimilarly acting anti-androgensâ€"A dangerous cocktail?. Reproductive Toxicology, 2008, 26, 59-60.	2.9	0