Rik Oldenkamp

List of Publications by Year
in descending order

30	1,196	567281 15	477307 29
papers	citations	h-index	g-index

31	31	31	1129
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Pharmaceutical pollution of the worldâ€™s rivers. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	495
2	Do Concentrations of Ethinylestradiol, Estradiol, and Diclofenac in European Rivers Exceed Proposed EU Environmental Quality Standards?. Environmental Science & Technology, 2013, 47, 12297-12304.	10.0	135
3	Valuing the human health damage caused by the fraud of Volkswagen. Environmental Pollution, 2016, 212, 121-127.	7.5	78
4	Spatially explicit prioritization of human antibiotics and antineoplastics in Europe. Environment International, 2013, 51, 13-26.	10.0	49
5	Predicting concentrations of the cytostatic drugs cyclophosphamide, carboplatin, 5â€fluorouracil, and capecitabine throughout the sewage effluents and surface waters of europe. Environmental Toxicology and Chemistry, 2013, 32, 1954-1961.	4.3	45
6	A High-Resolution Spatial Model to Predict Exposure to Pharmaceuticals in European Surface Waters: ePiE. Environmental Science & Technology, 2018, 52, 12494-12503.	10.0	45
7	Aquatic risks from human pharmaceuticalsâ€”modelling temporal trends of carbamazepine and ciprofloxacin at the global scale. Environmental Research Letters, 2019, 14, 034003.	5.2	39
8	An open source physiologically based kinetic model for the chicken (Gallus gallus domesticus): Calibration and validation for the prediction residues in tissues and eggs. Environment International, 2020, 136, 105488.	10.0	35
9	Modelling environmental antibiotic-resistance gene abundance: A meta-analysis. Science of the Total Environment, 2019, 659, 335-341.	8.0	34
10	Filling the gaps in the global prevalence map of clinical antimicrobial resistance. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
11	Generic physiologically based kinetic modelling for farm animals: Part I. Data collection of physiological parameters in swine, cattle and sheep. Toxicology Letters, 2020, 319, 95-101.	0.8	25
12	QSARâ€Based Estimation of Species Sensitivity Distribution Parameters: An Exploratory Investigation. Environmental Toxicology and Chemistry, 2019, 38, 2764-2770.	4.3	18
13	Confronting variability with uncertainty in the ecotoxicological impact assessment of down-the-drain products. Environment International, 2019, 126, 37-45.	10.0	18
14	Separating uncertainty and physiological variability in human PBPK modelling: The example of 2-propanol and its metabolite acetone. Toxicology Letters, 2012, 214, 154-165.	0.8	16
15	Generic physiologically based kinetic modelling for farm animals: Part II. Predicting tissue concentrations of chemicals in swine, cattle, and sheep. Toxicology Letters, 2020, 318, 50-56.	0.8	16
16	Environmental impact assessment of pharmaceutical prescriptions: Does location matter?. Chemosphere, 2014, 115, 88-94.	8.2	15
17	Environmental Risk Assessment for the Active Pharmaceutical Ingredient Mycophenolic Acid in European Surface Waters. Environmental Toxicology and Chemistry, 2019, 38, 2259-2278.	4.3	15
18	Reliable and representative in silico predictions of freshwater ecotoxicological hazardous concentrations. Environment International, 2020, 134, 105334.	10.0	14

#	Article	IF	Citations
19	The influence of uncertainty and location-specific conditions on the environmental prioritisation of human pharmaceuticals in Europe. Environment International, 2016, 91, 301-311.	10.0	12
20	Risk-management tool for environmental prioritization of pharmaceuticals based on emissions from hospitals. Science of the Total Environment, 2019, 694, 133733.	8.0	11
21	Estimation of chemical emissions from down-the-drain consumer products using consumer survey data at a country and wastewater treatment plant level. Chemosphere, 2018, 193, 32-41.	8.2	10
22	Ecological Risk Assessment of Pharmaceuticals in the Transboundary Vecht River (Germany and The) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.3	10
23	Hierarchical Bayesian Approach To Reduce Uncertainty in the Aquatic Effect Assessment of Realistic Chemical Mixtures. Environmental Science & Technology, 2015, 49, 10457-10465.	10.0	9
24	Uncertainty and variability in the exposure reconstruction of chemical incidents â€“ the case of acrylonitrile. Toxicology Letters, 2014, 231, 337-343.	0.8	7
25	Environmental impact of switching from the synthetic glucocorticoid prednisolone to the natural alkaloid berberine. PLoS ONE, 2018, 13, e0199095.	2.5	7
26	The importance of over-the-counter-sales and product format in the environmental exposure assessment of active pharmaceutical ingredients. Science of the Total Environment, 2021, 752, 141624.	8.0	4
27	Uncertainty and variability in human exposure limits â€“ a chemical-specific approach for ciprofloxacin and methotrexate. Critical Reviews in Toxicology, 2016, 46, 261-278.	3.9	3
28	The boomerang effect â€“ environmental exposure to pharmaceuticals. Sustainable Chemistry and Pharmacy, 2019, 12, 100128.	3.3	2
29	Human health risk assessment of pharmaceuticals in the European Vecht River. Integrated Environmental Assessment and Management, 2022, 18, 1639-1654.	2.9	1
30	Reply to â€œConcerns About Reproducibility, Use of the Akaike Information Criterion, and Related Issues in Hoondert et al. 2019â€•and Focus in Developing QSARâ€Based Species Sensitivity Distributions. Environmental Toxicology and Chemistry, 2020, 39, 1302-1304.	4.3	0