Marianne Thomsen

List of Publications by Year
in descending order

53 papers	2,583 citations	236925 25 h-index	189892 50 g-index
54 all docs	54 docs citations	54 times ranked	3378 citing authors

#	Article	IF	Citations
1	Human internal and external exposure to PBDEs â€“ A review of levels and sources. International Journal of Hygiene and Environmental Health, 2009, 212, 109-134.	4.3	528
2	Towards transparent valorization of food surplus, waste and loss: Clarifying definitions, food waste hierarchy, and role in the circular economy. Science of the Total Environment, 2020, 706, 136033.	8.0	225
3	Phthalates and nonylphenols in profiles of differently dressed soils. Science of the Total Environment, 2002, 296, 105-116.	8.0	168
4	Polybrominated diphenyl ethers in paired samples of maternal and umbilical cord blood plasma and associations with house dust in a Danish cohort. International Journal of Hygiene and Environmental Health, 2010, 213, 233-242.	4.3	148
5	Comparative analysis of pharmaceuticals versus industrial chemicals acute aquatic toxicity classification according to the United Nations classification system for chemicals. Assessment of the (Q)SAR predictability of pharmaceuticals acute aquatic toxicity and their predominant acute toxic mode-of-action. Toxicology Letters, 2009, 187, 84-93.	0.8	117
6	Temporal Development of Brominated Flame Retardants in Peregrine Falcon(Falco peregrinus) Eggs from South Greenland (1986â^'2003). Environmental Science & Technology, 2005, 39, 8199-8206.	10.0	104
7	Polybrominated diphenyl ethers (PBDEs) in the indoor environment and associations with prenatal exposure. Environment International, 2011, 37, 1-10.	10.0	98
8	External costs of cadmium emissions to soil: a drawback ofÂphosphorus fertilizers. Journal of Cleaner Production, 2014, 84, 475-483.	9.3	66
9	Soil ecosystem health and services â€“ Evaluation of ecological indicators susceptible to chemical stressors. Ecological Indicators, 2012, 16, 67-75.	6.3	65
10	Bioextraction potential of seaweed in Denmark â€” An instrument for circular nutrient management. Science of the Total Environment, 2016, 563-564, 513-529.	8.0	64
11	Patterns and concentration levels of polybrominated diphenyl ethers (PBDEs) in placental tissue of women in Denmark. Chemosphere, 2009, 76, 1464-1469.	8.2	62
12	Screening level fish community risk assessment of chemical warfare agents in the Baltic Sea. Journal of Hazardous Materials, 2008, 154, 846-857.	12.4	61
13	Environmental Hazards of Sea-Dumped Chemical Weapons. Environmental Science & Technology, 2010, 44, 4389-4394.	10.0	57
14	Characterisation of humic materials of different origin: A multivariate approach for quantifying the latent properties of dissolved organic matter. Chemosphere, 2002, 49, 1327-1337.	8.2	53
15	A step closer to circular bioeconomy for citrus peel waste: A review of yields and technologies for sustainable management of essential oils. Journal of Environmental Management, 2021, 280, 111832.	7.8	52
16	Long-term human exposure to lead from different media and intake pathways. Science of the Total Environment, 2010, 408, 5478-5488.	8.0	43
17	Ecotoxicological Quantitative Structureâ€“Activity Relationships for Pharmaceuticals. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 331-335.	2.7	42
18	Human health risk screening due to consumption of fish contaminated with chemical warfare agents in the Baltic Sea. Journal of Hazardous Materials, 2009, 162, 416-422.	12.4	40

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19	Limits to circular bioeconomy in the transition towards decentralized biowaste management systems. Resources, Conservation and Recycling, 2021, 164, 105207.	10.8	35
20	The influence on partial order ranking from input parameter uncertainty. Chemosphere, 2000, 41, 595-601.	8.2	34
21	Network Analysis as a tool for assessing environmental sustainability: Applying the ecosystem perspective to a Danish Water Management System. Journal of Environmental Management, 2013, 118, 21-31.	7.8	34
22	Humic complexes of diethyl phthalate: molecular modelling of the sorption process. Chemosphere, 2001, 45, 357-369.	8.2	33
23	PBT screening profile of chemical warfare agents (CWAs). Journal of Hazardous Materials, 2007, 148, 210-215.	12.4	32
24	SAR/QSAR approaches to solubility, partitioning and sorption of phthalates. Chemosphere, 1999, 38, 2613-2624.	8.2	30
25	The influence of resource strategies on childhood phthalate exposureâ€"The role of REACH in a zero waste society. Environment International, 2014, 73, 312-322.	10.0	30
26	The new fertilizer regulation: A starting point for cadmium control in European arable soils?. Science of the Total Environment, 2020, 745, 140876.	8.0	28
27	Quantum vs. topological descriptors in the development of molecular models of groundwater pollution by pesticides. Chemosphere, 2004, 54, 585-596.	8.2	24
28	Biomolecular Composition and Revenue Explained by Interactions between Extrinsic Factors and Endogenous Rhythms of Saccharina latissima. Marine Drugs, 2019, 17, 107.	4.6	24
29	Sensitivity analysis of calculated exposure concentrations and dissipation of DEHP in a topsoil compartment:. Science of the Total Environment, 2002, 296, 89-103.	8.0	21
30	Persistent organochlorine compounds in peregrine falcon (Falco peregrinus) eggs from South Greenland: Levels and temporal changes between 1986 and 2003. Environment International, 2009, 35, 336-341.	10.0	21
31	Monte Carlo (Tier 2) uncertainty analysis of Danish Greenhouse gas emission inventory. Greenhouse Gas Measurement and Management, 2011, 1, 145-160.	0.6	21
32	Reverse quantitative structureâ€"activity relationship for modelling the sorption of esfenvalerate to dissolved organic matter. Chemosphere, 2002, 49, 1317-1325.	8.2	19
33	Are the resource strategies for sustainable development sustainable? Downside of a zero waste society with circular resource flows. Environmental Technology and Innovation, 2014, 1-2, 46-54.	6.1	19
34	Life cycle assessment of digestate post-treatment and utilization. Science of the Total Environment, 2022, 815, 152764.	8.0	18
35	External costs of atmospheric Pb emissions: valuation of neurotoxic impacts due to inhalation. Environmental Health, 2010, 9, 9.	4.0	17
36	Conscious worst case definition for risk assessment, part II. Science of the Total Environment, 2010, 408, 3860-3870.	8.0	16

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37	Circular bioeconomy: Life cycle assessment of scaled-up cascading production from orange peel waste under current and future electricity mixes. Science of the Total Environment, 2022, 812, 152574.	8.0	15
38	Weight-of-evidence environmental risk assessment of dumped chemical weapons after WWII along the Nord-Stream gas pipeline in the Bornholm Deep. Journal of Hazardous Materials, 2012, 215-216, 217-226.	12.4	14
39	Application of ERICA index to evaluation of soil ecosystem health according to sustainability threshold for chemical impact. Science of the Total Environment, 2013, 443, 134-142.	8.0	13
40	Conscious worst case definition for risk assessment, part I. Science of the Total Environment, 2010, 408, 3852-3859.	8.0	12
41	Using multiple regression in estimating (semi) VOC emissions and concentrations at the European scale. Atmospheric Pollution Research, 2010, 1, 132-140.	3.8	10
42	Levels and trends of toxaphene and chlordane-related pesticides in peregrine falcon eggs from South Greenland. Science of the Total Environment, 2014, 468-469, 614-621.	8.0	10
43	Indirect human exposure assessment of airborne lead deposited on soil via a simplified fate and speciation modelling approach. Science of the Total Environment, 2012, 421-422, 203-209.	8.0	9
44	Framework for combining REACH and national regulations to obtain equal protection levels of human health and the environment in different countries â€“ Comparative study of Denmark and Korea. Journal of Environmental Management, 2013, 125, 105-116.	7.8	8
45	Conceptual framework for a Danish human biomonitoring program. Environmental Health, 2008, 7, S3.	4.0	7
46	External costs of atmospheric lead emissions from a waste-to-energy plant: A follow-up assessment of indirect exposure via topsoil ingestion. Journal of Environmental Management, 2013, 121, 170-178.	7.8	7
47	Exploring the pathways towards the mitigation of the environmental impacts of food consumption. Science of the Total Environment, 2022, 806, 150528.	8.0	7
48	Using Food Waste in Organic Fertilizer: Modelling Biogenic Carbon Sequestration with Associated Nutrient and Micropollutant Loads. Sustainability, 2020, 12, 7399.	3.2	6
49	Effects of different Danish food consumption patterns on Water ScarcityFootprint. Journal of Environmental Management, 2021, 300, 113713.	7.8	6
50	How to Guide and Assess Risk Reduction using Risk Characterization Indicators. American Journal of Applied Sciences, 2009, 6, 1255-1263.	0.2	6
51	Polycyclic Aromatic Compounds in the Greenland Marine Environment. Polycyclic Aromatic Compounds, 2002, 22, 689-702.	2.6	3
52	Risk of five polycyclic aromatic hydrocarbons in a terrestrial environment: Influence of data variability. Environmental Toxicology and Chemistry, 2005, 24, 995-1003.	4.3	0
53	Predicted Concentrations for Pesticides in Drainage Dominated Catchments. Water, Air, and Soil Pollution, 2007, 187, 149-156.	2.4	0