

Marianne Thomsen

List of Publications by Year in descending order

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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	Exploring the pathways towards the mitigation of the environmental impacts of food consumption. <i>Science of the Total Environment</i> , 2022, 806, 150528.	8.0	7
2	Circular bioeconomy: Life cycle assessment of scaled-up cascading production from orange peel waste under current and future electricity mixes. <i>Science of the Total Environment</i> , 2022, 812, 152574.	8.0	15
3	Life cycle assessment of digestate post-treatment and utilization. <i>Science of the Total Environment</i> , 2022, 815, 152764.	8.0	18
4	Limits to circular bioeconomy in the transition towards decentralized biowaste management systems. <i>Resources, Conservation and Recycling</i> , 2021, 164, 105207.	10.8	35
5	A step closer to circular bioeconomy for citrus peel waste: A review of yields and technologies for sustainable management of essential oils. <i>Journal of Environmental Management</i> , 2021, 280, 111832.	7.8	52
6	Effects of different Danish food consumption patterns on Water ScarcityFootprint. <i>Journal of Environmental Management</i> , 2021, 300, 113713.	7.8	6
7	Towards transparent valorization of food surplus, waste and loss: Clarifying definitions, food waste hierarchy, and role in the circular economy. <i>Science of the Total Environment</i> , 2020, 706, 136033.	8.0	225
8	Using Food Waste in Organic Fertilizer: Modelling Biogenic Carbon Sequestration with Associated Nutrient and Micropollutant Loads. <i>Sustainability</i> , 2020, 12, 7399.	3.2	6
9	The new fertilizer regulation: A starting point for cadmium control in European arable soils?. <i>Science of the Total Environment</i> , 2020, 745, 140876.	8.0	28
10	Biomolecular Composition and Revenue Explained by Interactions between Extrinsic Factors and Endogenous Rhythms of <i>Saccharina latissima</i> . <i>Marine Drugs</i> , 2019, 17, 107.	4.6	24
11	Bioextraction potential of seaweed in Denmark – An instrument for circular nutrient management. <i>Science of the Total Environment</i> , 2016, 563-564, 513-529.	8.0	64
12	The influence of resource strategies on childhood phthalate exposure – The role of REACH in a zero waste society. <i>Environment International</i> , 2014, 73, 312-322.	10.0	30
13	Levels and trends of toxaphene and chlordane-related pesticides in peregrine falcon eggs from South Greenland. <i>Science of the Total Environment</i> , 2014, 468-469, 614-621.	8.0	10
14	External costs of cadmium emissions to soil: a drawback of Phosphorus fertilizers. <i>Journal of Cleaner Production</i> , 2014, 84, 475-483.	9.3	66
15	Are the resource strategies for sustainable development sustainable? Downside of a zero waste society with circular resource flows. <i>Environmental Technology and Innovation</i> , 2014, 1-2, 46-54.	6.1	19
16	Application of ERICA index to evaluation of soil ecosystem health according to sustainability threshold for chemical impact. <i>Science of the Total Environment</i> , 2013, 443, 134-142.	8.0	13
17	Network Analysis as a tool for assessing environmental sustainability: Applying the ecosystem perspective to a Danish Water Management System. <i>Journal of Environmental Management</i> , 2013, 118, 21-31.	7.8	34
18	External costs of atmospheric lead emissions from a waste-to-energy plant: A follow-up assessment of indirect exposure via topsoil ingestion. <i>Journal of Environmental Management</i> , 2013, 121, 170-178.	7.8	7

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19	Framework for combining REACH and national regulations to obtain equal protection levels of human health and the environment in different countries – Comparative study of Denmark and Korea. <i>Journal of Environmental Management</i> , 2013, 125, 105-116.	7.8	8
20	Soil ecosystem health and services – Evaluation of ecological indicators susceptible to chemical stressors. <i>Ecological Indicators</i> , 2012, 16, 67-75.	6.3	65
21	Indirect human exposure assessment of airborne lead deposited on soil via a simplified fate and speciation modelling approach. <i>Science of the Total Environment</i> , 2012, 421-422, 203-209.	8.0	9
22	Weight-of-evidence environmental risk assessment of dumped chemical weapons after WWII along the Nord-Stream gas pipeline in the Bornholm Deep. <i>Journal of Hazardous Materials</i> , 2012, 215-216, 217-226.	12.4	14
23	Polybrominated diphenyl ethers (PBDEs) in the indoor environment and associations with prenatal exposure. <i>Environment International</i> , 2011, 37, 1-10.	10.0	98
24	Monte Carlo (Tier 2) uncertainty analysis of Danish Greenhouse gas emission inventory. <i>Greenhouse Gas Measurement and Management</i> , 2011, 1, 145-160.	0.6	21
25	Using multiple regression in estimating (semi) VOC emissions and concentrations at the European scale. <i>Atmospheric Pollution Research</i> , 2010, 1, 132-140.	3.8	10
26	Conscious worst case definition for risk assessment, part I. <i>Science of the Total Environment</i> , 2010, 408, 3852-3859.	8.0	12
27	Conscious worst case definition for risk assessment, part II. <i>Science of the Total Environment</i> , 2010, 408, 3860-3870.	8.0	16
28	Long-term human exposure to lead from different media and intake pathways. <i>Science of the Total Environment</i> , 2010, 408, 5478-5488.	8.0	43
29	External costs of atmospheric Pb emissions: valuation of neurotoxic impacts due to inhalation. <i>Environmental Health</i> , 2010, 9, 9.	4.0	17
30	Polybrominated diphenyl ethers in paired samples of maternal and umbilical cord blood plasma and associations with house dust in a Danish cohort. <i>International Journal of Hygiene and Environmental Health</i> , 2010, 213, 233-242.	4.3	148
31	Environmental Hazards of Sea-Dumped Chemical Weapons. <i>Environmental Science & Technology</i> , 2010, 44, 4389-4394.	10.0	57
32	Human internal and external exposure to PBDEs – A review of levels and sources. <i>International Journal of Hygiene and Environmental Health</i> , 2009, 212, 109-134.	4.3	528
33	Human health risk screening due to consumption of fish contaminated with chemical warfare agents in the Baltic Sea. <i>Journal of Hazardous Materials</i> , 2009, 162, 416-422.	12.4	40
34	Persistent organochlorine compounds in peregrine falcon (<i>Falco peregrinus</i>) eggs from South Greenland: Levels and temporal changes between 1986 and 2003. <i>Environment International</i> , 2009, 35, 336-341.	10.0	21
35	Patterns and concentration levels of polybrominated diphenyl ethers (PBDEs) in placental tissue of women in Denmark. <i>Chemosphere</i> , 2009, 76, 1464-1469.	8.2	62
36	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. <i>Toxicology Letters</i> , 2009, 187, 84-93.	0.8	117

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37	How to Guide and Assess Risk Reduction using Risk Characterization Indicators. American Journal of Applied Sciences, 2009, 6, 1255-1263.	0.2	6
38	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
39	Conceptual framework for a Danish human biomonitoring program. Environmental Health, 2008, 7, S3.	4.0	7
40	PBT screening profile of chemical warfare agents (CWAs). Journal of Hazardous Materials, 2007, 148, 210-215.	12.4	32
41	Ecotoxicological Quantitative Structure-Activity Relationships for Pharmaceuticals. Bulletin of Environmental Contamination and Toxicology, 2007, 79, 331-335.	2.7	42
42	Predicted Concentrations for Pesticides in Drainage Dominated Catchments. Water, Air, and Soil Pollution, 2007, 187, 149-156.	2.4	0
43	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
44	Temporal Development of Brominated Flame Retardants in Peregrine Falcon (Falco peregrinus) Eggs from South Greenland (1986-2003). Environmental Science & Technology, 2005, 39, 8199-8206.	10.0	104
45	Quantum vs. topological descriptors in the development of molecular models of groundwater pollution by pesticides. Chemosphere, 2004, 54, 585-596.	8.2	24
46	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
47	Reverse quantitative structure-activity relationship for modelling the sorption of esfenvalerate to dissolved organic matter. Chemosphere, 2002, 49, 1317-1325.	8.2	19
48	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
49	Phthalates and nonylphenols in profiles of differently dressed soils. Science of the Total Environment, 2002, 296, 105-116.	8.0	168
50	Polycyclic Aromatic Compounds in the Greenland Marine Environment. Polycyclic Aromatic Compounds, 2002, 22, 689-702.	2.6	3
51	Humic complexes of diethyl phthalate: molecular modelling of the sorption process. Chemosphere, 2001, 45, 357-369.	8.2	33
52	The influence on partial order ranking from input parameter uncertainty. Chemosphere, 2000, 41, 595-601.	8.2	34
53	SAR/QSAR approaches to solubility, partitioning and sorption of phthalates. Chemosphere, 1999, 38, 2613-2624.	8.2	30