

Jes Jessen Rasmussen

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

2,737
citations

257101

24
h-index

182168

51
g-index

51
all docs

51
docs citations

51
times ranked

3752
citing authors

#	ARTICLE	IF	CITATIONS
1	Invasion impacts and dynamics of a European-wide introduced species. <i>Global Change Biology</i> , 2022, 28, 4620-4632.	4.2	27
2	Effects of different weed cutting methods on physical and hydromorphological conditions in lowland streams. <i>Knowledge and Management of Aquatic Ecosystems</i> , 2021, , 10.	0.5	8
3	Seasonal turnover in community composition of stream-associated macroinvertebrates inferred from freshwater environmental DNA metabarcoding. <i>Environmental DNA</i> , 2021, 3, 861-876.	3.1	19
4	Repeated insecticide pulses increase harmful effects on stream macroinvertebrate biodiversity and function. <i>Environmental Pollution</i> , 2021, 273, 116404.	3.7	5
5	Vulnerability of Aquatic Insect Species to Insecticides, Depending on Their Flight Period and Adult Life Span. <i>Environmental Toxicology and Chemistry</i> , 2021, 40, 1778-1787.	2.2	3
6	Dead or alive – Old empty shells do not prompt false-positive results in environmental DNA surveys targeting the freshwater pearl mussel (<i>Margaritifera margaritifera</i> L.). <i>Aquatic Conservation: Marine and Freshwater Ecosystems</i> , 2021, 31, 2506-2514.	0.9	3
7	Terrestrial adult stages of freshwater insects are sensitive to insecticides. <i>Chemosphere</i> , 2020, 239, 124799.	4.2	4
8	Pesticide risk indicator for terrestrial adult stages of aquatic insects. <i>Ecological Indicators</i> , 2020, 118, 106718.	2.6	4
9	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. <i>Nature Ecology and Evolution</i> , 2020, 4, 1060-1068.	3.4	336
10	Effects of low flow and co-occurring stressors on structural and functional characteristics of the benthic biofilm in small streams. <i>Science of the Total Environment</i> , 2020, 733, 139331.	3.9	10
11	Linking Morphology, Toxicokinetic, and Toxicodynamic Traits of Aquatic Invertebrates to Pyrethroid Sensitivity. <i>Environmental Science & Technology</i> , 2020, 54, 5687-5699.	4.6	24
12	Suspended matter and associated contaminants in Danish streams: a national analysis. <i>Journal of Soils and Sediments</i> , 2019, 19, 3068-3082.	1.5	5
13	Fungicides: An Overlooked Pesticide Class?. <i>Environmental Science & Technology</i> , 2019, 53, 3347-3365.	4.6	374
14	The future of European water management: Demonstration of a new WFD compliant framework to support sustainable management under multiple stress. <i>Science of the Total Environment</i> , 2019, 654, 53-59.	3.9	13
15	Seasonal sensitivity of <i>Gammarus pulex</i> towards the pyrethroid cypermethrin. <i>Chemosphere</i> , 2018, 200, 632-640.	4.2	16
16	Going with the flow: Planktonic processing of dissolved organic carbon in streams. <i>Science of the Total Environment</i> , 2018, 625, 519-530.	3.9	10
17	Evaluating effects of weed cutting on water level and ecological status in Danish lowland streams. <i>Freshwater Biology</i> , 2018, 63, 652-661.	1.2	18
18	Headwater streams in the EU Water Framework Directive: Evidence-based decision support to select streams for river basin management plans. <i>Science of the Total Environment</i> , 2018, 613-614, 1048-1054.	3.9	18

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19	Identifying potential gaps in pesticide risk assessment: Terrestrial life stages of freshwater insects. <i>Journal of Applied Ecology</i> , 2018, 55, 1510-1515.	1.9	11
20	Similar recovery time of microbial functions from fungicide stress across biogeographical regions. <i>Scientific Reports</i> , 2018, 8, 17021.	1.6	4
21	Linking ecological health to co-occurring organic and inorganic chemical stressors in a groundwater-fed stream system. <i>Science of the Total Environment</i> , 2018, 642, 1153-1162.	3.9	21
22	Multiple stress response of lowland stream benthic macroinvertebrates depends on habitat type. <i>Science of the Total Environment</i> , 2017, 599-600, 1517-1523.	3.9	32
23	Realistic pesticide exposure through water and food amplifies long-term effects in a Limnephilid caddisfly. <i>Science of the Total Environment</i> , 2017, 580, 1439-1445.	3.9	11
24	Low Dose Effects of Pesticides in the Aquatic Environment. <i>ACS Symposium Series</i> , 2017, , 167-187.	0.5	7
25	Specifics and challenges of assessing exposure and effects of pesticides in small water bodies. <i>Hydrobiologia</i> , 2017, 793, 213-224.	1.0	74
26	Networking Our Way to Better Ecosystem Service Provision. <i>Trends in Ecology and Evolution</i> , 2016, 31, 105-115.	4.2	72
27	Trait Characteristics Determine Pyrethroid Sensitivity in Nonstandard Test Species of Freshwater Macroinvertebrates: A Reality Check. <i>Environmental Science & Technology</i> , 2016, 50, 4971-4978.	4.6	37
28	Multiple exposure routes of a pesticide exacerbate effects on a grazing mayfly. <i>Aquatic Toxicology</i> , 2016, 178, 190-196.	1.9	8
29	Suspended particles only marginally reduce pyrethroid toxicity to the freshwater invertebrate <i>Gammarus pulex</i> (L.) during pulse exposure. <i>Ecotoxicology</i> , 2016, 25, 510-520.	1.1	9
30	Influence of rice field agrochemicals on the ecological status of a tropical stream. <i>Science of the Total Environment</i> , 2016, 542, 12-21.	3.9	22
31	Legacy of a Chemical Factory Site: Contaminated Groundwater Impacts Stream Macroinvertebrates. <i>Archives of Environmental Contamination and Toxicology</i> , 2016, 70, 219-230.	2.1	16
32	10 Years Later. <i>Advances in Ecological Research</i> , 2015, 53, 1-53.	1.4	43
33	Modeling global distribution of agricultural insecticides in surface waters. <i>Environmental Pollution</i> , 2015, 198, 54-60.	3.7	100
34	Sources, occurrence and predicted aquatic impact of legacy and contemporary pesticides in streams. <i>Environmental Pollution</i> , 2015, 200, 64-76.	3.7	129
35	The legacy of pesticide pollution: An overlooked factor in current risk assessments of freshwater systems. <i>Water Research</i> , 2015, 84, 25-32.	5.3	130
36	Changing Northern catchments: Is altered hydrology, temperature or both going to shape future stream communities and ecosystem processes?. <i>Hydrological Processes</i> , 2013, 27, 734-740.	1.1	21

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37	Pesticide impacts on predator–prey interactions across two levels of organisation. <i>Aquatic Toxicology</i> , 2013, 140-141, 340-345.	1.9	26
38	A catchment scale evaluation of multiple stressor effects in headwater streams. <i>Science of the Total Environment</i> , 2013, 442, 420-431.	3.9	56
39	Pyrethroid effects on freshwater invertebrates: A meta-analysis of pulse exposures. <i>Environmental Pollution</i> , 2013, 182, 479-485.	3.7	47
40	How to Characterize Chemical Exposure to Predict Ecologic Effects on Aquatic Communities?. <i>Environmental Science & Technology</i> , 2013, 47, 7996-8004.	4.6	71
41	Effects of a triazole fungicide and a pyrethroid insecticide on the decomposition of leaves in the presence or absence of macroinvertebrate shredders. <i>Aquatic Toxicology</i> , 2012, 118-119, 54-61.	1.9	54
42	Thresholds for the Effects of Pesticides on Invertebrate Communities and Leaf Breakdown in Stream Ecosystems. <i>Environmental Science & Technology</i> , 2012, 46, 5134-5142.	4.6	220
43	Stream habitat structure influences macroinvertebrate response to pesticides. <i>Environmental Pollution</i> , 2012, 164, 142-149.	3.7	64
44	Impacts of pesticides and natural stressors on leaf litter decomposition in agricultural streams. <i>Science of the Total Environment</i> , 2012, 416, 148-155.	3.9	97
45	Integrated assessment of the impact of chemical stressors on surface water ecosystems. <i>Science of the Total Environment</i> , 2012, 427-428, 319-331.	3.9	41
46	Local physical habitat quality cloud the effect of predicted pesticide runoff from agricultural land in Danish streams. <i>Journal of Environmental Monitoring</i> , 2011, 13, 943.	2.1	23
47	Buffer strip width and agricultural pesticide contamination in Danish lowland streams: Implications for stream and riparian management. <i>Ecological Engineering</i> , 2011, 37, 1990-1997.	1.6	65
48	Temperature and the metabolic balance of streams. <i>Freshwater Biology</i> , 2011, 56, 1106-1121.	1.2	198
49	Stream ecosystem properties and processes along a temperature gradient. <i>Aquatic Ecology</i> , 2011, 45, 231-242.	0.7	47
50	An integrated model for assessing the risk of TCE groundwater contamination to human receptors and surface water ecosystems. <i>Ecological Engineering</i> , 2010, 36, 1126-1137.	1.6	51
51	Impact of lambda-cyhalothrin on a macroinvertebrate assemblage in outdoor experimental channels: Implications for ecosystem functioning. <i>Aquatic Toxicology</i> , 2008, 90, 228-234.	1.9	33