

# Ruth MÃ¼ller

## List of Publications by Year in descending order

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Version: 2024-02-01

75  
papers

2,402  
citations

236925

25  
h-index

243625

44  
g-index

80  
all docs

80  
docs citations

80  
times ranked

3092  
citing authors

#	ARTICLE	IF	CITATIONS
1	Two fatal autochthonous cases of airport malaria, Belgium, 2020. <i>Eurosurveillance</i> , 2022, 27, .	7.0	3
2	The knowledge, attitude and practice of community people on dengue fever in Central Nepal: a cross-sectional study. <i>BMC Infectious Diseases</i> , 2022, 22, 454.	2.9	8
3	From a long-distance threat to the invasion front: a review of the invasive <i>Aedes</i> mosquito species in Belgium between 2007 and 2020. <i>Parasites and Vectors</i> , 2022, 15, .	2.5	10
4	DNA Identification and Diversity of the Vector Mosquitoes <i>Culex pipiens</i> s.s. and <i>Culex torrentium</i> in Belgium (Diptera: Culicidae). <i>Diversity</i> , 2022, 14, 486.	1.7	4
5	A Code of Ethics for Gene Drive Research. <i>CRISPR Journal</i> , 2021, 4, 19-24.	2.9	24
6	DNA identification of species of the <i>Anopheles maculipennis</i> complex and first record of <i>An. daciae</i> in Belgium. <i>Medical and Veterinary Entomology</i> , 2021, 35, 442-450.	1.5	11
7	Pathways linking biodiversity to human health: A conceptual framework. <i>Environment International</i> , 2021, 150, 106420.	10.0	210
8	The impact of second-hand smoke on nitrogen oxides concentrations in a small interior. <i>Scientific Reports</i> , 2021, 11, 11703.	3.3	8
9	Gene-drive suppression of mosquito populations in large cages as a bridge between lab and field. <i>Nature Communications</i> , 2021, 12, 4589.	12.8	59
10	The ecophysiological plasticity of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> concerning overwintering in cooler ecoregions is driven by local climate and acclimation capacity. <i>Science of the Total Environment</i> , 2021, 778, 146128.	8.0	29
11	First Detections of <i>Culiseta longiareolata</i> (Diptera: Culicidae) in Belgium and the Netherlands. <i>Journal of Medical Entomology</i> , 2021, 58, 2524-2532.	1.8	9
12	STtech: sampling and transport techniques for <i>Aedes</i> eggs during a sampling campaign in a low-resource setting. <i>Entomologia Experimentalis Et Applicata</i> , 2021, 169, 374-383.	1.4	4
13	Particulate matter emissions of less harmful-looking super-slim size cigarettes appealing to women: a laser spectrometric analysis of second-hand smoke. <i>Environmental Science and Pollution Research</i> , 2020, 27, 1069-1077.	5.3	5
14	Spatiotemporal Distribution of Dengue and Chikungunya in the Hindu Kush Himalayan Region: A Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 6656.	2.6	11
15	Acceptance and willingness to pay for a hypothetical vaccine against monkeypox viral infection among frontline physicians: A cross-sectional study in Indonesia. <i>Vaccine</i> , 2020, 38, 6800-6806.	3.8	40
16	Knowledge on exotic mosquitoes in Germany, and public acceptance and effectiveness of Bti and two self-prepared insecticides against <i>Aedes japonicus japonicus</i> . <i>Scientific Reports</i> , 2020, 10, 18901.	3.3	6
17	Detecting the population dynamics of an autosomal sex ratio distorter transgene in malaria vector mosquitoes. <i>Journal of Applied Ecology</i> , 2020, 57, 2086-2096.	4.0	14
18	Potential for a web-based management information system to improve malaria control: An exploratory study in the Lahat District, South Sumatra Province, Indonesia. <i>PLoS ONE</i> , 2020, 15, e0229838.	2.5	4

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19	Does winter cold really limit the dengue vector <i>Aedes aegypti</i> in Europe?. <i>Parasites and Vectors</i> , 2020, 13, 178.	2.5	24
20	High Particulate Matter Burden of Cigarettes from the United Arab Emirates and Germany: Are There Country-Specific Differences?. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 2415.	2.6	4
21	Climate change: Does international research fulfill global demands and necessities?. <i>Environmental Sciences Europe</i> , 2020, 32, 137.	5.5	27
22	Gender and workforce in urology - use of the BG Index to Assess Female Career Promotion in Academic Urology. <i>Urology Journal</i> , 2020, 17, 86-90.	0.4	0
23	Knowledge and attitude towards pregnancy-related issues of Zika virus infection among general practitioners in Indonesia. <i>BMC Infectious Diseases</i> , 2019, 19, 693.	2.9	15
24	Vector-Borne Diseases. , 2019, , 67-90.		19
25	Particulate Matter Emissions of Four Different Cigarette Types of One Popular Brand: Influence of Tobacco Strength and Additives. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 263.	2.6	34
26	Aquatic mesocosms exposed to a fungicide in warm and cold temperate European climate zones: Long-term macroinvertebrate response. <i>Science of the Total Environment</i> , 2019, 681, 133-142.	8.0	1
27	Social determinants of malaria in an endemic area of Indonesia. <i>Malaria Journal</i> , 2019, 18, 134.	2.3	31
28	Modelling seasonal dynamics, population stability, and pest control in <i>Aedes japonicus japonicus</i> (Diptera: Culicidae). <i>Parasites and Vectors</i> , 2019, 12, 142.	2.5	16
29	Particulate matter emissions of four types of one cigarette brand with and without additives: a laser spectrometric particulate matter analysis of secondhand smoke. <i>BMJ Open</i> , 2019, 9, e024400.	1.9	13
30	Long-term effects of the fungicide pyrimethanil on aquatic primary producers in macrophyte-dominated outdoor mesocosms in two European ecoregions. <i>Science of the Total Environment</i> , 2019, 665, 982-994.	8.0	13
31	Community acceptance and willingness-to-pay for a hypothetical Zika vaccine: A cross-sectional study in Indonesia. <i>Vaccine</i> , 2019, 37, 1398-1406.	3.8	40
32	Knowledge and awareness of hepatitis B among households in Malaysia: a community-based cross-sectional survey. <i>BMC Public Health</i> , 2019, 19, 47.	2.9	32
33	Knowledge, attitude, and practice regarding dengue virus infection among inhabitants of Aceh, Indonesia: a cross-sectional study. <i>BMC Infectious Diseases</i> , 2018, 18, 96.	2.9	102
34	A paternal methyl donor-rich diet altered cognitive and neural functions in offspring mice. <i>Molecular Psychiatry</i> , 2018, 23, 1345-1355.	7.9	53
35	Spatial Accessibility of Primary Care in England: A Cross-sectional Study Using a Floating Catchment Area Method. <i>Health Services Research</i> , 2018, 53, 1957-1978.	2.0	37
36	Mobile Measurements of Particulate Matter in a Car Cabin: Local Variations, Contrasting Data from Mobile versus Stationary Measurements and the Effect of an Opened versus a Closed Window. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 2642.	2.6	14

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37	Willingness to Participate and Associated Factors in a Zika Vaccine Trial in Indonesia: A Cross-Sectional Study. <i>Viruses</i> , 2018, 10, 648.	3.3	9
38	Does livestock protect from malaria or facilitate malaria prevalence? A cross-sectional study in endemic rural areas of Indonesia. <i>Malaria Journal</i> , 2018, 17, 302.	2.3	42
39	Spatial modelling of malaria cases associated with environmental factors in South Sumatra, Indonesia. <i>Malaria Journal</i> , 2018, 17, 87.	2.3	40
40	Thermal experiments with the Asian bush mosquito ( <i>Aedes japonicus japonicus</i> ) (Diptera: Culicidae) and implications for its distribution in Germany. <i>Parasites and Vectors</i> , 2018, 11, 81.	2.5	42
41	Larval superiority of <i>Culex pipiens</i> to <i>Aedes albopictus</i> in a replacement series experiment: prospects for coexistence in Germany. <i>Parasites and Vectors</i> , 2018, 11, 80.	2.5	24
42	Threats of Zika virus transmission for Asia and its Hindu-Kush Himalayan region. <i>Infectious Diseases of Poverty</i> , 2018, 7, 40.	3.7	18
43	Gender disparities in high-quality research revealed by Nature Index journals. <i>PLoS ONE</i> , 2018, 13, e0189136.	2.5	256
44	Cold tolerance of the Asian tiger mosquito <i>Aedes albopictus</i> and its response to epigenetic alterations. <i>Journal of Insect Physiology</i> , 2017, 99, 113-121.	2.0	19
45	Epigenetics: A Hidden Target of Insecticides. <i>Advances in Insect Physiology</i> , 2017, , 313-324.	2.7	13
46	High blood levels of lead in children aged 6-36 months in Kathmandu Valley, Nepal: A cross-sectional study of associated factors. <i>PLoS ONE</i> , 2017, 12, e0179233.	2.5	11
47	Particulate Matter in Second-Hand Smoke Emitted from Different Cigarette Sizes and Types of the Brand Vogue Mainly Smoked by Women. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 799.	2.6	17
48	High particulate matter emission from additive-free Natural American Spirit cigarettes. <i>SpringerPlus</i> , 2016, 5, 1958.	1.2	15
49	Community Willingness to Participate in a Dengue Study in Aceh Province, Indonesia. <i>PLoS ONE</i> , 2016, 11, e0159139.	2.5	22
50	Effects of diapause and cold acclimation on egg ultrastructure: new insights into the cold hardiness mechanisms of the Asian tiger mosquito <i>Aedes (Stegomyia) albopictus</i> . <i>Journal of Vector Ecology</i> , 2016, 41, 142-150.	1.0	24
51	Phenotypic and epigenetic effects of vinclozolin in the gastropod <i>Physella acuta</i> . <i>Journal of Molluscan Studies</i> , 2016, 82, 320-327.	1.2	13
52	Adaptive growth reduction in response to fish kairomones allows mosquito larvae ( <i>Culex pipiens</i> ) to reduce predation risk. <i>Aquatic Sciences</i> , 2016, 78, 303-314.	1.5	14
53	Standardized Laboratory Feeding of Larval <i>Aedes japonicus japonicus</i> (Diptera: Culicidae). <i>Journal of Insect Science</i> , 2015, 15, 144.	1.5	6
54	The Ecotoxicity of Pyrimethanil for Aquatic Biota. , 2015, , .		2

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55	Epigenetic alterations and decreasing insecticide sensitivity of the Asian tiger mosquito <i>Aedes albopictus</i> . <i>Ecotoxicology and Environmental Safety</i> , 2015, 122, 45-53.	6.0	51
56	Immediate and mid-term effects of pyrimethanil toxicity on microalgae by simulating an episodic contamination. <i>Chemosphere</i> , 2015, 120, 407-413.	8.2	7
57	Impact of temperature and nutrition on the toxicity of the insecticide $\lambda$ -cyhalothrin in full-lifecycle tests with the target mosquito species <i>Aedes albopictus</i> and <i>Culex pipiens</i> . <i>Journal of Pest Science</i> , 2014, 87, 739-750.	3.7	17
58	Spatio-Temporal Distribution of Dengue and Lymphatic Filariasis Vectors along an Altitudinal Transect in Central Nepal. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e3035.	3.0	48
59	Life stage-specific effects of the fungicide pyrimethanil and temperature on the snail <i>Physella acuta</i> (Draparnaud, 1805) disclose the pitfalls for the aquatic risk assessment under global climate change. <i>Environmental Pollution</i> , 2013, 174, 1-9.	7.5	45
60	Interactive effects of xenobiotic, abiotic and biotic stressors on <i>Daphnia pulex</i> —Results from a multiple stressor experiment with a fractional multifactorial design. <i>Aquatic Toxicology</i> , 2013, 138-139, 105-115.	4.0	25
61	Appropriate Larval Food Quality and Quantity for <i>Aedes albopictus</i> (Diptera: Culicidae). <i>Journal of Medical Entomology</i> , 2013, 50, 668-673.	1.8	14
62	Atropine-sensitive hippocampal theta oscillations are mediated by Cav2.3 R-type Ca <sup>2+</sup> channels. <i>Neuroscience</i> , 2012, 205, 125-139.	2.3	18
63	Simulated climate change conditions unveil the toxic potential of the fungicide pyrimethanil on the midge <i>Chironomus riparius</i> : a multigeneration experiment. <i>Ecology and Evolution</i> , 2012, 2, 196-210.	1.9	32
64	UV-A radiation and elevated temperatures induce formation of reactive oxygen species in gametophytes of cold-temperate/Arctic kelps (Laminariales, Phaeophyceae). <i>Phycological Research</i> , 2012, 60, 27-36.	1.6	26
65	Aquatic ecotoxicity of the fungicide pyrimethanil: Effect profile under optimal and thermal stress conditions. <i>Environmental Pollution</i> , 2012, 168, 161-169.	7.5	42
66	BiKF AdaMus: a novel research project studying the response and adaptive potential of single species and communities to climate change in combination with other stressors. <i>Journal of Soils and Sediments</i> , 2010, 10, 718-721.	3.0	8
67	Herbicide effects of metazachlor on duckweed ( <i>Lemna minor</i> and <i>Spirodela polyrrhiza</i> ) in test systems with different trophic status and complexity. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2010, 45, 95-101.	1.5	8
68	Interactive effects of radiation, temperature and salinity on different life history stages of the Arctic kelp <i>Alaria esculenta</i> (Phaeophyceae). <i>Oecologia</i> , 2009, 160, 483-492.	2.0	99
69	Zoospores of Three Arctic Laminariales Under Different UV Radiation and Temperature Conditions: Exceptional Spectral Absorbance Properties and Lack of Phlorotannin Induction. <i>Photochemistry and Photobiology</i> , 2009, 85, 970-977.	2.5	27
70	Impact of oceanic warming on the distribution of seaweeds in polar and cold-temperate waters. <i>Botanica Marina</i> , 2009, 52, 617-638.	1.2	195
71	Physiological responses of polar benthic algae to ultraviolet radiation. <i>Botanica Marina</i> , 2009, 52, 639-654.	1.2	43
72	Effects of ultraviolet radiation and temperature on the ultrastructure of zoospores of the brown macroalga <i>Laminaria hyperborea</i> . <i>Plant Biology</i> , 2008, 10, 388-397.	3.8	39

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73	Interactive effects of UV radiation and temperature on microstages of Laminariales (Phaeophyceae) from the Arctic and North Sea. <i>Climate Research</i> , 2008, 37, 203-213.	1.1	74
74	Motion VEPs with simultaneous measurement of perceived velocity. <i>Documenta Ophthalmologica</i> , 1998, 97, 121-134.	2.2	13
75	The human motion VEP as a function of size and eccentricity of the stimulation field. <i>Documenta Ophthalmologica</i> , 1990, 76, 81-89.	2.2	14