

# Christian K Feld

## List of Publications by Year in descending order

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Version: 2024-02-01

53  
papers

6,042  
citations

136950

32  
h-index

175258

52  
g-index

54  
all docs

54  
docs citations

54  
times ranked

8457  
citing authors

#	ARTICLE	IF	CITATIONS
1	Parasite infection influences the biomarker response and locomotor activity of <i>Gammarus fossarum</i> exposed to conventionally-treated wastewater. <i>Ecotoxicology and Environmental Safety</i> , 2022, 236, 113474.	6.0	6
2	Evaluating the biological validity of European river typology systems with least disturbed benthic macroinvertebrate communities. <i>Science of the Total Environment</i> , 2022, 842, 156689.	8.0	7
3	Multiple stressors determine river ecological status at the European scale: Towards an integrated understanding of river status deterioration. <i>Global Change Biology</i> , 2021, 27, 1962-1975.	9.5	114
4	Eye fluke infection changes diet composition in juvenile European perch ( <i>Perca fluviatilis</i> ). <i>Scientific Reports</i> , 2021, 11, 3440.	3.3	10
5	Making waves. Bridging theory and practice towards multiple stressor management in freshwater ecosystems. <i>Water Research</i> , 2021, 196, 116981.	11.3	32
6	Societal benefits of river restoration – Implications from social media analysis. <i>Ecosystem Services</i> , 2021, 50, 101317.	5.4	13
7	Effects of conventionally-treated and ozonated wastewater on mortality, physiology, body length, and behavior of embryonic and larval zebrafish ( <i>Danio rerio</i> ). <i>Environmental Pollution</i> , 2021, 286, 117241.	7.5	8
8	Does river restoration increase ecosystem services?. <i>Ecosystem Services</i> , 2020, 46, 101206.	5.4	12
9	A framework to diagnose the causes of river ecosystem deterioration using biological symptoms. <i>Journal of Applied Ecology</i> , 2020, 57, 2271-2284.	4.0	11
10	Impacts of multiple stressors on freshwater biota across spatial scales and ecosystems. <i>Nature Ecology and Evolution</i> , 2020, 4, 1060-1068.	7.8	336
11	Hidden parasite diversity in a European freshwater system. <i>Scientific Reports</i> , 2020, 10, 2694.	3.3	24
12	Macroinvertebrate drift response to hydropeaking: <sup>A</sup> experimental approach to assess the effect of varying ramping velocities. <i>Ecohydrology</i> , 2019, 12, e2032.	2.4	27
13	Protecting and restoring Europe's waters: An analysis of the future development needs of the Water Framework Directive. <i>Science of the Total Environment</i> , 2019, 658, 1228-1238.	8.0	295
14	Diagnosing the causes of river deterioration using stressor-specific metrics. <i>Science of the Total Environment</i> , 2019, 651, 1105-1113.	8.0	31
15	Evaluating riparian solutions to multiple stressor problems in river ecosystems – A conceptual study. <i>Water Research</i> , 2018, 139, 381-394.	11.3	105
16	Stream types of the Lake Kinneret (Sea of Galilee) watershed. <i>International Journal of River Basin Management</i> , 2018, 16, 133-143.	2.7	4
17	Identification and interaction of multiple stressors in central European lowland rivers. <i>Science of the Total Environment</i> , 2017, 603-604, 148-154.	8.0	27
18	Is the EU WFD suitable to support IWRM planning in non-European countries? Lessons learnt from the introduction of IWRM and River Basin Management in Mongolia. <i>Environmental Science and Policy</i> , 2017, 75, 28-37.	4.9	19

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19	Additive effects prevail: The response of biota to multiple stressors in an intensively monitored watershed. <i>Science of the Total Environment</i> , 2017, 593-594, 27-35.	8.0	79
20	Application and validation of a new approach for modelling benthic invertebrate dispersal: First colonisation of a former open sewer system. <i>Science of the Total Environment</i> , 2017, 609, 875-884.	8.0	0
21	Differentiating the effects of climate and land use change on European biodiversity: A scenario analysis. <i>Ambio</i> , 2017, 46, 277-290.	5.5	12
22	Analysing the impact of multiple stressors in aquatic biomonitoring data: A "cookbook"™ with applications in R. <i>Science of the Total Environment</i> , 2016, 573, 1320-1339.	8.0	153
23	Effects of hydro- and thermopeaking on benthic macroinvertebrate drift. <i>Science of the Total Environment</i> , 2016, 573, 1472-1480.	8.0	45
24	Disentangling the effects of land use and geo-climatic factors on diversity in European freshwater ecosystems. <i>Ecological Indicators</i> , 2016, 60, 71-83.	6.3	66
25	Genetic diversity and dispersal potential of the stonefly <i>Dinocras cephalotes</i> in a central European low mountain range. <i>Freshwater Science</i> , 2014, 33, 181-192.	1.8	39
26	Biodiversity of traits and species both show weak responses to hydromorphological alteration in lowland river macroinvertebrates. <i>Freshwater Biology</i> , 2014, 59, 233-248.	2.4	76
27	Assessment and recovery of European water bodies: key messages from the WISER project. <i>Hydrobiologia</i> , 2013, 704, 1-9.	2.0	59
28	Upstream river morphology and riparian land use overrule local restoration effects on ecological status assessment. <i>Hydrobiologia</i> , 2013, 704, 489-501.	2.0	102
29	Effects of physico-chemistry, land use and hydromorphology on three riverine organism groups: a comparative analysis with monitoring data from Germany and Austria. <i>Hydrobiologia</i> , 2013, 704, 389-415.	2.0	89
30	Ecological status assessment of European lakes: a comparison of metrics for phytoplankton, macrophytes, benthic invertebrates and fish. <i>Hydrobiologia</i> , 2013, 704, 57-74.	2.0	123
31	Response of three lotic assemblages to riparian and catchment-scale land use: implications for designing catchment monitoring programmes. <i>Freshwater Biology</i> , 2013, 58, 715-729.	2.4	81
32	From Natural to Degraded Rivers and Back Again. <i>Advances in Ecological Research</i> , 2011, 44, 119-209.	2.7	207
33	Identifying and prioritising services in European terrestrial and freshwater ecosystems. <i>Biodiversity and Conservation</i> , 2010, 19, 2791-2821.	2.6	146
34	Functional traits as indicators of biodiversity response to land use changes across ecosystems and organisms. <i>Biodiversity and Conservation</i> , 2010, 19, 2921-2947.	2.6	385
35	Ecosystem services and biodiversity conservation: concepts and a glossary. <i>Biodiversity and Conservation</i> , 2010, 19, 2773-2790.	2.6	137
36	Towards an assessment of multiple ecosystem processes and services via functional traits. <i>Biodiversity and Conservation</i> , 2010, 19, 2873-2893.	2.6	759

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37	Research needs for incorporating the ecosystem service approach into EU biodiversity conservation policy. <i>Biodiversity and Conservation</i> , 2010, 19, 2979-2994.	2.6	82
38	Indicators for biodiversity and ecosystem services: towards an improved framework for ecosystems assessment. <i>Biodiversity and Conservation</i> , 2010, 19, 2895-2919.	2.6	91
39	Lessons from practice: assessing early progress and success in river rehabilitation. <i>Hydrobiologia</i> , 2010, 655, 1-14.	2.0	19
40	Experiences in Regional Cross Border Co-operation in River Management. Comparing Three Cases at the Dutch-German Border. <i>Water Resources Management</i> , 2010, 24, 2647-2672.	3.9	33
41	The European Water Framework Directive at the age of 10: A critical review of the achievements with recommendations for the future. <i>Science of the Total Environment</i> , 2010, 408, 4007-4019.	8.0	756
42	Indicators of biodiversity and ecosystem services: a synthesis across ecosystems and spatial scales. <i>Oikos</i> , 2009, 118, 1862-1871.	2.7	225
43	Using the salinity preferences of benthic macroinvertebrates to classify running waters in brackish marshes in Germany. <i>Ecological Indicators</i> , 2009, 9, 837-847.	6.3	27
44	Quantifying the Contribution of Organisms to the Provision of Ecosystem Services. <i>BioScience</i> , 2009, 59, 223-235.	4.9	312
45	Community structure or function: effects of environmental stress on benthic macroinvertebrates at different spatial scales. <i>Freshwater Biology</i> , 2007, 52, 1380-1399.	2.4	181
46	Identification and measure of hydromorphological degradation in Central European lowland streams. <i>Hydrobiologia</i> , 2004, 516, 69-90.	2.0	56
47	A new method for assessing the impact of hydromorphological degradation on the macroinvertebrate fauna of five German stream types. <i>Hydrobiologia</i> , 2004, 516, 107-127.	2.0	149
48	Typology of streams in Germany based on benthic invertebrates: Ecoregions, zonation, geology and substrate. <i>Limnologica</i> , 2004, 34, 379-389.	1.5	46
49	Assessing streams in Germany with benthic invertebrates: selection of candidate metrics. <i>Limnologica</i> , 2004, 34, 398-415.	1.5	88
50	Assessing streams in Germany with benthic invertebrates: Development of a multimetric invertebrate based assessment system. <i>Limnologica</i> , 2004, 34, 416-432.	1.5	100
51	Renaturalization of streams and rivers – the special importance of integrated ecological methods in measurement of success. An example from Saxony-Anhalt (Germany). <i>Limnologica</i> , 2004, 34, 249-263.	1.5	26
52	The Development of a System to Assess the Ecological Quality of Streams Based on Macroinvertebrates – Design of the Sampling Programme within the AQEM Project. <i>International Review of Hydrobiology</i> , 2003, 88, 345-361.	0.9	184
53	The indication of morphological degradation of streams and rivers using Simuliidae. <i>Limnologica</i> , 2002, 32, 273-288.	1.5	28