# Aletta Bonn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/6388921/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 105 papers | 6,923 citations | 53794 45 h-index | 66911 78 g-index |
| 123 all docs | 123 docs citations | 123 times ranked | 9074 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nature-based solutions to climate change mitigation and adaptation in urban areas: perspectives on indicators, knowledge gaps, barriers, and opportunities for action. Ecology and Society, 2016, 21, . | 2.3 | 753 |
| 2 | Action needed for the EU Common Agricultural Policy to address sustainability challenges. People and Nature, 2020, 2, 305-316. | 3.7 | 259 |
| 3 | A greener path for the EU Common Agricultural Policy. Science, 2019, 365, 449-451. | 12.6 | 258 |
| 4 | Environmental change in moorland landscapes. Earth-Science Reviews, 2007, 82, 75-100. | 9.1 | 229 |
| 5 | Pathways linking biodiversity to human health: A conceptual framework. Environment International, 2021, 150, 106420. | 10.0 | 210 |
| 6 | Recognizing the quiet extinction of invertebrates. Nature Communications, 2019, 10, 50. | 12.8 | 180 |
| 7 | Integrating ecosystem services and disservices: insights from plant invasions. Ecosystem Services, 2017, 23, 94-107. | 5.4 | 179 |
| 8 | Participatory scenario development for environmental management: A methodological framework illustrated with experience from the UK uplands. Journal of Environmental Management, 2013, 128, 345-362. | 7.8 | 166 |
| 9 | The ecological effectiveness of protected areas: The United Kingdom. Biological Conservation, 2006, 132, 76-87. | 4.1 | 164 |
| 10 | Threatened and endemic species: are they good indicators of patterns of biodiversity on a national scale?. Ecology Letters, 2002, 5, 733-741. | 6.4 | 143 |
| 11 | Interregional flows of ecosystem services: Concepts, typology and four cases. Ecosystem Services, 2018, 31, 231-241. | 5.4 | 143 |
| 12 | The threefold potential of environmental citizen science - Generating knowledge, creating learning opportunities and enabling civic participation. Biological Conservation, 2018, 225, 176-186. | 4.1 | 137 |
| 13 | Learning and the transformative potential of citizen science. Conservation Biology, 2016, 30, 990-999. | 4.7 | 135 |
| 14 | Using Semistructured Surveys to Improve Citizen Science Data for Monitoring Biodiversity. BioScience, 2019, 69, 170-179. | 4.9 | 130 |
| 15 | Capturing biodiversity: selecting priority areas for conservation using different criteria. Biodiversity and Conservation, 2005, 14, 1083-1100. | 2.6 | 127 |
| 16 | When, Where, and How Nature Matters for Ecosystem Services: Challenges for the Next Generation of Ecosystem Service Models. BioScience, 2017, 67, 820-833. | 4.9 | 114 |
| 17 | Structure of the speciesâ€“energy relationship. Proceedings of the Royal Society B: Biological Sciences, 2004, 271, 1685-1691. | 2.6 | 107 |
| 18 | Operationalizing Network Theory for Ecosystem Service Assessments. Trends in Ecology and Evolution, 2017, 32, 118-130. | 8.7 | 103 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Ecosystem services of allotment and community gardens: A Leipzig, Germany case study. Urban Forestry and Urban Greening, 2017, 23, 44-53. | 5.3 | 101 |
| 20 | The alignment of agricultural and nature conservation policies in the European Union. Conservation Biology, 2015, 29, 996-1005. | 4.7 | 99 |
| 21 | Investing in nature: Developing ecosystem service markets for peatland restoration. Ecosystem Services, 2014, 9, 54-65. | 5.4 | 98 |
| 22 | Environmental parameters and microspatial distribution of insects: a case study of carabids in an alluvial forest. Ecography, 2001, 24, 470-482. | 4.5 | 97 |
| 23 | Urban street tree biodiversity and antidepressant prescriptions. Scientific Reports, 2020, 10, 22445. | 3.3 | 96 |
| 24 | A multitrophic perspective on biodiversityâ€“ecosystem functioning research. Advances in Ecological Research, 2019, 61, 1-54. | 2.7 | 95 |
| 25 | National Ecosystem Assessments in Europe: A Review. BioScience, 2016, 66, 813-828. | 4.9 | 94 |
| 26 | Improving the link between payments and the provision of ecosystem services in agri-environment schemes. Ecosystem Services, 2014, 9, 44-53. | 5.4 | 91 |
| 27 | The importance of species diversity for human well-being in Europe. Ecological Economics, 2021, 181, 106917. | 5.7 | 88 |
| 28 | The significance of flood regimes for carabid beetle and spider communities in riparian habitats?a comparison of three major rivers in Germany. River Research and Applications, 2002, 18, 43-64. | 1.7 | 86 |
| 29 | Ten tips for developing interdisciplinary socio-ecological researchers. Socio-Ecological Practice Research, 2019, 1, 149-161. | 1.9 | 85 |
| 30 | Biodiversity and Health in the Face of Climate Change. , 2019, , . | | 82 |
| 31 | The future of the uplands. Land Use Policy, 2009, 26, S204-S216. | 5.6 | 80 |
| 32 | Citizen science and marine conservation: a global review. Philosophical Transactions of the Royal Society B: Biological Sciences, 2020, 375, 20190461. | 4.0 | 75 |
| 33 | Relationships between anthropogenic pressures and ecosystem functions in UK blanket bogs: Linking process understanding to ecosystem service valuation. Ecosystem Services, 2014, 9, 5-19. | 5.4 | 72 |
| 34 | Towards a national set of ecosystem service indicators: Insights from Germany. Ecological Indicators, 2016, 61, 38-48. | 6.3 | 72 |
| 35 | Anticipating and Managing Future Trade-offs and Complementarities between Ecosystem Services. Ecology and Society, 2013, 18, . | 2.3 | 70 |
| 36 | Habitat models and their transfer for single and multi species groups: a case study of carabids in an alluvial forest. Ecography, 2001, 24, 483-496. | 4.5 | 69 |

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|---|---|---|---|
| 37 | Mapping water ecosystem services: Evaluating InVEST model predictions in data scarce regions. Environmental Modelling and Software, 2021, 138, 104982. | 4.5 | 64 |
| 38 | Effective Biodiversity Monitoring Needs a Culture of Integration. One Earth, 2020, 3, 462-474. | 6.8 | 62 |
| 39 | Increased fluctuating asymmetry in the damselfly Coenagrion puella is correlated with ectoparasitic water mites: implications for fluctuating asymmetry theory. Oecologia, 1996, 108, 596-598. | 2.0 | 59 |
| 40 | One hundred priority questions for landscape restoration in Europe. Biological Conservation, 2018, 221, 198-208. | 4.1 | 58 |
| 41 | Guidance for assessing interregional ecosystem service flows. Ecological Indicators, 2019, 105, 92-106. | 6.3 | 57 |
| 42 | Restoration planning to guide Aichi targets in a megadiverse country. Conservation Biology, 2017, 31, 1086-1097. | 4.7 | 56 |
| 43 | Innovation in Citizen Science â€“ Perspectives on Science-Policy Advances. Citizen Science: Theory and Practice, 2018, 3, 4. | 1.2 | 56 |
| 44 | Citizen science for assessing ecosystem services: Status, challenges and opportunities. Ecosystem Services, 2017, 28, 80-94. | 5.4 | 55 |
| 45 | Quantifying interregional flows of multiple ecosystem services â€“ A case study for Germany. Global Environmental Change, 2020, 61, 102051. | 7.8 | 54 |
| 46 | Species richness is positively related to mental health â€“ A study for Germany. Landscape and Urban Planning, 2021, 211, 104084. | 7.5 | 54 |
| 47 | Biodiversity and Health in the Urban Environment. Current Environmental Health Reports, 2021, 8, 146-156. | 6.7 | 52 |
| 48 | Widespread decline in Central European plant diversity across six decades. Global Change Biology, 2021, 27, 1097-1110. | 9.5 | 48 |
| 49 | Urban green space soundscapes and their perceived restorativeness. People and Nature, 2021, 3, 756-769. | 3.7 | 46 |
| 50 | Effects of large herbivores on fire regimes and wildfire mitigation. Journal of Applied Ecology, 2021, 58, 2690-2702. | 4.0 | 43 |
| 51 | Can carbon offsetting pay for upland ecological restoration?. Science of the Total Environment, 2009, 408, 26-36. | 8.0 | 42 |
| 52 | Random Forest characterization of upland vegetation and management burning from aerial imagery. Journal of Biogeography, 2010, 37, 37-46. | 3.0 | 40 |
| 53 | Carbon fluxes from eroding peatlands â€“ the carbon benefit of revegetation following wildfire. Earth Surface Processes and Landforms, 2011, 36, 1487-1498. | 2.5 | 40 |
| 54 | Non-material contributions of wildlife to human well-being: a systematic review. Environmental Research Letters, 2020, 15, 093005. | 5.2 | 39 |

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|---|---|---|---|
| 55 | How Does Policy Conceptualise Citizen Science? A Qualitative Content Analysis of International Policy Documents. Citizen Science: Theory and Practice, 2019, 4, 32. | 1.2 | 39 |
| 56 | Social license through citizen science: a tool for marine conservation. Ecology and Society, 2019, 24, . | 2.3 | 34 |
| 57 | Nature-Based Solutions to Climate Change Adaptation in Urban Areasâ€"Linkages Between Science, Policy and Practice. Theory and Practice of Urban Sustainability Transitions, 2017, , 1-11. | 1.9 | 34 |
| 58 | Resilience trinity: safeguarding ecosystem functioning and services across three different time horizons and decision contexts. Oikos, 2020, 129, 445-456. | 2.7 | 33 |
| 59 | Biodiversity postâ€2020: Closing the gap between global targets and nationalâ€level implementation. Conservation Letters, 2022, 15, e12848. | 5.7 | 32 |
| 60 | Conceptualizing ecosystem services using socialâ€"ecological networks. Trends in Ecology and Evolution, 2022, 37, 211-222. | 8.7 | 32 |
| 61 | Increasing understanding of alien species through citizen science (Alien-CSI). Research Ideas and Outcomes, 0, 4, . | 1.0 | 30 |
| 62 | Using scenarios to explore UK upland futures. Futures, 2009, 41, 619-630. | 2.5 | 29 |
| 63 | Winners and losers over 35 years of dragonfly and damselfly distributional change in Germany. Diversity and Distributions, 2021, 27, 1353-1366. | 4.1 | 29 |
| 64 | Modelling the coupled dynamics of moorland management and upland vegetation. Journal of Applied Ecology, 2009, 46, 278-288. | 4.0 | 28 |
| 65 | Atlas of Ecosystem Services. , 2019, , . | | 28 |
| 66 | Restoration effects on water table depths and CO2 fluxes from climatically marginal blanket bog. Biogeochemistry, 2014, 118, 159-176. | 3.5 | 26 |
| 67 | Synergies and trade-offs between nature conservation and climate policy: Insights from the â€œNatural Capital Germany â€“ TEEB DEâ€•study. Ecosystem Services, 2017, 24, 187-199. | 5.4 | 25 |
| 68 | Environmental parameters and microspatial distribution of insects: a case study of carabids in an alluvial forest. Ecography, 2001, 24, 470-482. | 4.5 | 24 |
| 69 | Addressing behavior in pollinator conservation policies to combat the implementation gap. Conservation Biology, 2021, 35, 610-622. | 4.7 | 24 |
| 70 | The PhenObs initiative: A standardised protocol for monitoring phenological responses to climate change using herbaceous plant species in botanical gardens. Functional Ecology, 2021, 35, 821-834. | 3.6 | 23 |
| 71 | Ecosystem services tradeoffs arising from non-native tree plantation expansion in southern Chile. Landscape and Urban Planning, 2019, 190, 103589. | 7.5 | 21 |
| 72 | Moderately common plants show highest relative losses. Conservation Letters, 2020, 13, e12674. | 5.7 | 21 |

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| 73 | Habitat models and their transfer for single and multi species groups: a case study of carabids in an alluvial forest. Ecography, 2001, 24, 483-496. | 4.5 | 18 |
| 74 | Temporal trends in the spatial bias of species occurrence records. Ecography, 2022, 2022, . | 4.5 | 18 |
| 75 | Potential supply and actual use of cultural ecosystem services in mountain protected areas and their surroundings. Ecosystem Services, 2022, 53, 101395. | 5.4 | 17 |
| 76 | Using stakeholder and social network analysis to support participatory processes. International Journal of Biodiversity Science and Management, 2006, 2, 249-252. | 0.7 | 16 |
| 77 | The social fabric of citizen scienceâ€"drivers for long-term engagement in the German butterfly monitoring scheme. Journal of Insect Conservation, 2018, 22, 731-743. | 1.4 | 16 |
| 78 | Using incomplete floristic monitoring data from habitat mapping programmes to detect species trends. Diversity and Distributions, 2020, 26, 782-794. | 4.1 | 15 |
| 79 | Peatland restoration and ecosystem services: an introduction. , 2016, , 1-16. | | 14 |
| 80 | Nature-Based Solutions for Societal Goals Under Climate Change in Urban Areas â€“ Synthesis and Ways Forward. Theory and Practice of Urban Sustainability Transitions, 2017, , 323-336. | 1.9 | 14 |
| 81 | Functional traits influence patterns in vegetative and reproductive plant phenology â€“ a multiâ€botanical garden study. New Phytologist, 2022, 235, 2199-2210. | 7.3 | 13 |
| 82 | Urban Gardens as Multifunctional Nature-Based Solutions for Societal Goals in a Changing Climate. Theory and Practice of Urban Sustainability Transitions, 2017, , 237-253. | 1.9 | 12 |
| 83 | Motivation and support services in citizen science insect monitoring: A cross-country study. Biological Conservation, 2021, 263, 109325. | 4.1 | 12 |
| 84 | An integrative environmental pollen diversity assessment and its importance for the Sustainable Development Goals. Plants People Planet, 2022, 4, 110-121. | 3.3 | 11 |
| 85 | Decision-making of citizen scientists when recording species observations. Scientific Reports, 2022, 12, . | 3.3 | 11 |
| 86 | Peatland restoration and ecosystem services: nature-based solutions for societal goals. , 2016, , 402-417. | | 9 |
| 87 | Balancing ecological and social goals in PES design â€“ Single objective strategies are not sufficient. Ecosystem Services, 2022, 53, 101385. | 5.4 | 9 |
| 88 | Towards a National Ecosystem Assessment in Germany: A Plea for a Comprehensive Approach. Gaia, 2017, 26, 27-33. | 0.7 | 8 |
| 89 | Sustainable protected areas: Synergies between biodiversity conservation and socioeconomic development. People and Nature, 2022, 4, 893-903. | 3.7 | 8 |
| 90 | A 5-year study of the impact of peatland revegetation upon DOC concentrations. Journal of Hydrology, 2014, 519, 3578-3590. | 5.4 | 6 |

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|---|---|---|---|
| 91 | Valuing peatland ecosystem services. , 2016, , 314-338. | | 6 |
| 92 | The Ecosystem Service Concept: Linking Ecosystems and Human Wellbeing. , 2019, , 7-11. | | 6 |
| 93 | Biodiversity and Health in the Face of Climate Change: Challenges, Opportunities and Evidence Gaps. , 2019, , 1-13. | | 6 |
| 94 | BiodiversitÃtsmonitoring in Deutschland: Wie Wissenschaft, Politik und Zivilgesellschaft ein nationales Monitoring unterstÃ¼tzen kÃ¶nnen. Gaia, 2019, 28, 265-270. | 0.7 | 5 |
| 95 | Ecosystem Services: Understanding Drivers, Opportunities, and Risks to Move Towards Sustainable Land Management and Governance. , 2019, , 401-403. | | 5 |
| 96 | Flying insect biomass is negatively associated with urban cover in surrounding landscapes. Diversity and Distributions, 2022, 28, 1242-1254. | 4.1 | 5 |
| 97 | Ã–kosystembasierte Klimapolitik fÃ¼r Deutschland. , 2017, , 237-260. | | 3 |
| 98 | Peatland conservation at the scienceâ€“practice interface. , 0, , 358-374. | | 1 |
| 99 | Global Developments: Policy Support for Linking Biodiversity, Health and Climate Change. , 2019, , 315-328. | | 1 |
| 100 | Conservation goals in international policies. , 2020, , 241-262. | | 1 |
| 101 | A checklist for using Bealsâ€™ index with incomplete floristic monitoring data. Diversity and Distributions, 2021, 27, 1328-1333. | 4.1 | 1 |
| 102 | Macroecology meets IPBES. Frontiers of Biogeography, 2016, 7, . | 1.8 | 0 |
| 103 | Response to Kabisch and Colleagues. BioScience, 2018, 68, 167-168. | 4.9 | 0 |
| 104 | Modelling the Heterogeneity within Citizen Science Data for Biodiversity Research. Biodiversity Information Science and Standards, 0, 5, . | 0.0 | 0 |
| 105 | Macroecology meets IPBES. Frontiers of Biogeography, 2016, 7, . | 1.8 | 0 |