

Sarah Matej

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

264
citations

1040056

9
h-index

1058476

14
g-index

17
all docs

17
docs citations

17
times ranked

183
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon emission trends and sustainability options in Austrian health care. <i>Resources, Conservation and Recycling</i> , 2020, 160, 104862.	10.8	44
2	Land use intensification increasingly drives the spatiotemporal patterns of the global human appropriation of net primary production in the last century. <i>Global Change Biology</i> , 2022, 28, 307-322.	9.5	33
3	Relative effects of land conversion and land-use intensity on terrestrial vertebrate diversity. <i>Nature Communications</i> , 2022, 13, 615.	12.8	29
4	Greenhouse gas implications of mobilizing agricultural biomass for energy: a reassessment of global potentials in 2050 under different food-system pathways. <i>Environmental Research Letters</i> , 2020, 15, 034066.	5.2	25
5	Modeling and empirical validation of long-term carbon sequestration in forests (France, 1850–2015). <i>Global Change Biology</i> , 2020, 26, 2421-2434.	9.5	25
6	Altered growth conditions more than reforestation counteracted forest biomass carbon emissions 1990–2020. <i>Nature Communications</i> , 2021, 12, 6075.	12.8	23
7	Quantifying and attributing land use-induced carbon emissions to biomass consumption: A critical assessment of existing approaches. <i>Journal of Environmental Management</i> , 2021, 286, 112228.	7.8	20
8	Applying the Human Appropriation of Net Primary Production framework to map provisioning ecosystem services and their relation to ecosystem functioning across the European Union. <i>Ecosystem Services</i> , 2021, 51, 101344.	5.4	17
9	Forest carbon sink in the U.S. (1870–2012) driven by substitution of forest ecosystem service flows. <i>Resources, Conservation and Recycling</i> , 2022, 176, 105927.	10.8	16
10	Exploring the option space for land system futures at regional to global scales: The diagnostic agro-food, land use and greenhouse gas emission model BioBaM-GHG 2.0. <i>Ecological Modelling</i> , 2021, 459, 109729.	2.5	10
11	Socio-ecological drivers of long-term ecosystem carbon stock trend: An assessment with the LUCCA model of the French case. <i>Anthropocene</i> , 2021, 33, 100275.	3.3	8
12	Gridded soil surface nitrogen surplus on grazing and agricultural land: Impact of land use maps. <i>Environmental Research Communications</i> , 2021, 3, 055003.	2.3	6
13	Forest Transitions in the United States, France and Austria: dynamics of forest change and their socio-metabolic drivers. <i>Journal of Land Use Science</i> , 2022, 17, 113-133.	2.2	5
14	Land Use Increases the Correlation between Tree Cover and Biomass Carbon Stocks in the Global Tropics. <i>Land</i> , 2021, 10, 1217.	2.9	3